

**ASSESSMENT OF DOD ELECTRIC POWER
SUPPLY OPTIONS, STRATEGIES, AND
COSTS UNDER RETAIL OPEN ACCESS**

PREPARED FOR:

U.S. DEPARTMENT OF DEFENSE

OFFICE OF THE DEPUTY UNDER SECRETARY OF DEFENSE

AND

DEFENSE FUEL SUPPLY CENTER

UNDER CONTRACT NO. SPO600-97-M-7526

SEPTEMBER 1997

PREPARED BY:

DTIC QUALITY INSPECTED 3

EXETER

Associates, Inc.

12510 Prosperity Drive
Suite 350
Silver Spring, MD 20904

19970918 054

EXETER
ASSOCIATES, INC.

CONSULTING ECONOMISTS

12510 Prosperity Drive
Suite 350
Silver Spring, Maryland 20904
(301) 622-4500
(301) 622-2686 FAX
exeter@wizard.net

Pamela J. Cameron
Thomas S. Catlin
Steven L. Estomin
Richard A. Galligan
Matthew I. Kahal
Marvin H. Kahn
Jerome D. Mierzwa
Dale E. Swan

September 15, 1997

REF: 1714

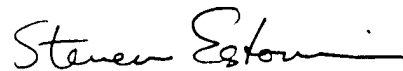
Mr. Sonny White
Office of the Deputy Under Secretary of Defense
Industrial Affairs and Installations)
ATTN IR&M (E&E)
3330 Defense, Room 3E1074
Pentagon
Washington, DC 20301-3330

Re: Submission of Report under Contract No. SP0600-97-M-7526

Dear Mr. White:

Enclosed are one bound and one unbound copy of our report prepared under the above-referenced contract. I look forward to Wednesday's briefing and hope to address any comments that you may have at that time.

Sincerely,



Steven L. Estomin, Ph.D.
Vice President

SLE/mcb

cc: Sharon Murphy (w/enclosure)
Jim Snook (w/enclosure)
Jim Walton (w/enclosure)
Joe Schneider (w/enclosure)

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1. INTRODUCTION AND SUMMARY

1.1 INTRODUCTION

Over the last several years, there has been increasing recognition that electric power rates in many parts of the country are above competitive market levels. The reason for the difference between regulated and competitive rates rests in dramatic changes to the generation segment of the industry. Numerous factors have combined to drive up the generation costs that are recovered under regulation. At the same time, significant changes in generation technology and reductions in fuel prices have reduced the cost of power from new generating facilities, driving down competitive prices for generation. Similar changes have not affected the transmission and distribution sides of the business; therefore, the generation market is the focus of competitively-spurred reductions in electricity prices.

The sales levels suggested by utilities' demand forecasts, which were the basis for constructing new generating capacity, often failed to materialize, leaving utilities with excess generating capacity that they were obliged to sell at prices below full embedded cost. In other instances, utilities constructed nuclear generating capacity at costs well in excess of anticipated levels. Beyond this, the requirements of the Public Utilities Policy Act of 1978 (PURPA) required utilities to execute power purchase agreements on the basis of 20-year forecast prices that were later seen to be excessively high. Finally, utilities were required to undertake numerous conservation initiatives, such as demand-side management (DSM) programs, that were not reflected in the market prices available from competitors.

Competitive market prices have been driven below the higher, regulated prices established under the existing regulatory environment for a number of reasons. As noted above, excess capacity in many parts of the country placed downward pressure on the cost of power available in wholesale markets, the markets in which power is traded among utilities and other wholesale customers. A second factor driving down competitive market prices was the adoption of the Energy Policy Act

of 1992, which conferred upon the Federal Energy Regulatory Commission (FERC) the authority to order transmission service, which served to reduce transmission bottleneck problems and spur wholesale competition.

Another, perhaps more significant factor placing downward pressure on competitive market rates, is the development of new generating technologies. New combined cycle generating units are projected to have efficiencies of about 50 percent, roughly 17 percentage points greater than the efficiencies characterizing the base load generating units that were most often the source of generation used by traditional utilities. This fact, coupled with large reductions in gas prices (the principal fuel used by combined cycle units) over the last few years, have made it less costly to construct and generate electricity from a new generating unit than from many existing units.

Although many retail customers have argued that they should be permitted to purchase electricity from competitive suppliers, until recently these arguments have largely failed. Retail service was provided under a so-called regulatory compact. In exchange for incurring an obligation to provide service to all customers and to plan for growth in load, traditional utilities were granted an exclusive right to provide service in a certificated service area. The rates of such utilities were comprehensively regulated at the state levels with rates set so as to provide the utility the opportunity to earn a fair return on its investment.

In response to the acceleration of competition in wholesale markets, states have begun to adopt retail restructuring programs that will permit customers to shop among alternative suppliers of electricity in much the same way that they are able to choose among alternative suppliers of telephone service. The pace of such retail restructuring efforts has been uneven, with only 17 of the lower 48 states having announced or implemented plans to restructure. Numerous other states, however, have announced plans to consider the issue, either through legislation at state legislatures or through the actions of public service commissions.

The Department of Defense installations in the U.S. are retail customers of electric power service and, under existing legislation and regulations, purchase power at regulated rates. As retail open access becomes implemented, DOD installations must change the method by which they have traditionally purchased electric power. Because DOD installations, in aggregate, incur electric power supply costs in excess of \$1 billion per year, it is imperative that the DOD take full advantage of potential power supply cost savings and do so in an efficient and effective manner.

This report presents an assessment of the extent to which savings in electric power costs will be realized by DOD as restructuring becomes implemented. The analysis reflects the uneven pace at which retail restructuring is taking place across the nation and the transitional impediments, such as the recovery of utilities' stranded costs, that delay the realization of immediate cost savings. We also consider a number of alternative procurement strategies for securing competitive electricity supplies and identify important considerations that are likely to affect competitive power supply procurement by DOD installations.

Chapter 2 of this report presents our base year estimate of DOD energy use and expenditures, which forms the basis of the savings estimates developed later in the report. This chapter also addresses current DOD procurement methods and provides a comparison between the natural gas and electric utility industries.

Chapter 3 discusses the current and future electric power market, the effects of recent legislation and regulatory orders, and proposed legislation at the federal and state levels.

Chapter 4 presents the development of our estimates of savings likely to be achieved by the DOD given a set of reasonable assumptions regarding future deregulation activities. To the maximum extent possible, the impacts of existing state legislation and regulatory orders affecting stranded cost recovery and rate freezes or reductions are incorporated into the estimates.

Chapter 5 addresses potential centralization of the power supply procurement function. Chapter 6 discusses issues related to aggregation of DOD loads.

Chapter 7 of the report addresses certain miscellaneous issues related to competitive procurements of electric power, including privatization of on-base utility systems, using power supply savings to fund energy conservation and infrastructure improvement projects, data base requirements, unbundling ancillary services, and issues related to the costs of federal preference power to DOD installations in Northern California.

1.2 SUMMARY OF RESULTS AND FINDINGS

The following major findings and conclusions emerged from this analysis:

1. The cost of DOD (CONUS) purchases of electric power supplies in FY 1996 was \$1.1 billion.
2. Dates by which retail open access will be implemented have been articulated by 17 states. The majority of the remaining states have begun to address open access issues.
3. Total estimated savings to the DOD over the 1997 to 2011 period are \$281 million (present value \$ 1996), or 2.4 percent.
4. Some degree of centralization of the competitive acquisition function is desirable. Both identified alternatives (centralization at the DOD level and centralization at the service branch level) entail advantages and disadvantages. Neither approach is clearly preferred to the other.
5. It is desirable to combine multiple installations in a competitive acquisition, with loads aggregated by the offerors rather than the government.
6. It is recommended that ancillary services be purchased on a bundled basis with electric power supplies.
7. The DOD is at risk for foregone savings of approximately \$10 million per year related to purchases of Western Area Power Administration Central Valley Project Power under California restructuring.

2. PROCUREMENT BASELINE

2.1 INTRODUCTION

This chapter addresses the development of the base year estimates for DOD purchases of electricity in terms of both costs and megawatt-hours. The base year estimate described and presented in this chapter is the cornerstone for the projected DOD cost and savings estimates related to electric utility industry restructuring that are presented in Chapter 4.

Also addressed in this chapter are the current electric power procurement practices of the DOD. The discussion of the current practices provides necessary background for the discussion of alternative procurement strategies presented in Chapter 5. This discussion also bears on the analysis of other issues addressed later in this report, including use of savings for energy conservation and infrastructure improvements, aggregation of loads in a competitive acquisition environment, privatization of on-base utility systems, and issues related to DOD purchases of electricity from federal power marketing agencies.

2.2 CURRENT PURCHASES

In order to create a meaningful estimate of the potential savings available under customer choice, a baseline reflecting current usage patterns and costs is required. The baseline is also needed to provide a context for the estimated savings levels. The baseline used in this report includes FY 1996 total dollar costs and megawatt hour (mWh) purchases of electric power made by all DOD installations in the 48 contiguous states (CONUS). Data were obtained from the Defense Utility Energy Reporting System (DUERS) report for the Navy, Air Force, Marine Corps and the Defense Logistics Agency (DLA).

The DUERS data for the Army represented only about 40 percent of total Army usage. Consequently, an alternative source was required to develop the Army's base year cost and usage estimates. The Army data were developed from the Army Power Procurement Office (APPO) Red

Book, which, unlike the DUERS Report, does represent a reasonably comprehensive accounting of electric power purchases by Army installations.

The base year data were constructed to separately identify DOD power requirements satisfied by purchases of federal preference power procured from the federal power marketing agencies (PMAs). PMA power was separated from other power purchases for two fundamental reasons. First, PMA power provided to the DOD is priced at a rate typically below the market price of power. The PMAs are, in general, required to set prices to cover operating costs, including debt servicing, and are precluded from setting prices at market rates in most instances. Consequently, restructuring is not expected to have any significant, systematic effect on the costs of PMA power. This last statement notwithstanding, it is recognized that there is substantial uncertainty regarding the impacts of restructuring on the availability and ultimate cost of PMA power delivered to military installations. For example, in some states, open access may increase transmission costs of PMA power; in other states, the amount of PMA power made available to the DOD may be significantly reduced. Finally, it can be expected that some PMA power purchased by the DOD will be exempt from stranded cost charges, and other PMA power will not. The lines of demarcation regarding the applicability of stranded cost charges to PMA power are presently unclear. As a consequence of these factors, the savings calculations presented later in this report exclude consideration of PMA purchases, which are addressed separately. The base year figures presented also exclude power purchased by the DOD from PMAs.

After the usage and cost information from DUERS and the APPO Red Book was annualized, data were then disaggregated into loads for main base (MB) and all military family housing (MFH) areas. The Navy, Air Force, and Marine Corps explicitly labeled all MFH usage, and those loads were included in the baseline. The Red Book data used for the Army, however, does not separate main base usage from usage in the military family housing areas. All usage for the Army was assumed to be for the main base.

Several installations for each of the branches have been identified for closure under the Base Realignment and Closure Act (BRAC), and total DOD power requirements will decline as the BRAC installations are shut down, other things equal. For the purposes of the baseline, all bases identified under BRAC have been excluded from this analysis. To the degree that missions at BRAC bases are transferred to other bases, it is assumed that the increases in load will be offset, in aggregate, by energy usage reductions made pursuant to the requirements of the Energy Policy Act of 1992 and Executive Order No. 12902.

It is important to note a serious shortcoming associated with the data obtained from the APPO's Red Book. The Red Book lists only "host installations." Host installations administer their own power purchases as well as the power purchases for some number of subinstallations. The usage and cost data contained in the Red Book does not disaggregate data among the subinstallations but rather represents all purchases (mWh and dollars) as host installation purchases. Subinstallations may, or may not, be located in the same state as the host installation and may not even be located in the same geographic area.

For example, the Red Book entry for Fort Lewis, Washington, also includes usage for the Presidio of Monterey and Fort Ord, California, as well as numerous other bases. Therefore, the Army data, unlike the data for the other service branches, do not provide an accurate state-by-state breakdown of actual power usage and costs. As a consequence, the analysis of cost savings, which are computed on a state-by-state basis, may over- or understate true savings, depending on the extent to which subinstallation loads are attributed to incorrect regions.

Table 2.1, below, provides state-by-state FY 1996 actual energy usage and total power costs for the Department of Defense. Table 2.2 provides the breakdown of total usage and cost by branch of service. Figure 2.1 graphs the usage and total cost for the ten states for which DOD installations incur the greatest total expenditures for electric power.

Table 2.1
Department of Defense
Base Year Electricity Usage and Cost by State
(Thousands of MWh, Thousands of Dollars)

	<u>FY 1996 Usage</u> <u>Thous. of MWh)</u>	<u>FY 1996 Cost</u> <u>(Thous. of \$)</u>
Alabama	735	35,414
Arkansas	113	6,297
Arizona	337	23,092
California	2,368	154,165
Colorado	339	15,218
Connecticut	187	12,221
D.C.	620	30,143
Delaware	76	4,068
Florida	1,529	74,898
Georgia	1,232	54,720
Idaho	76	2,274
Illinois	374	18,807
Indiana	129	4,698
Kansas	289	13,579
Kentucky	482	19,538
Louisiana	358	18,488
Massachusetts	158	11,869
Maryland	1,431	74,191
Maine	52	3,997
Michigan	66	4,162
Minnesota	41	1,987
Missouri	208	10,653
Mississippi	278	12,797
Montana	85	3,789
North Carolina	1,200	65,210
North Dakota	211	8,900
New Hampshire	74	4,978
New Jersey	413	34,262,736
New Mexico	365	21,423

Table 2.1 (cont'd.)
Department of Defense
Base Year Electricity Usage and Cost by State
(Thousands of MWh, Thousands of Dollars)

	<u>FY 1996 Usage</u> (Thous. of MWh)	<u>FY 1996 Cost</u> (Thous. of \$)
Nevada	157	8,422
New York	274	20,116
Ohio	537	23,952
Oklahoma	448	16,811
Oregon	2	99
Pennsylvania	346	20,917
Rhode Island	107	9,498
South Carolina	530	23,302
South Dakota	73	2,192
Tennessee	652	20,908
Texas	1,778	81,509
Utah	315	11,608
Virginia	2,176	94,789
Washington	967	32,836
Wisconsin	33	1,303
West Virginia	28	1,169
Wyoming	58	3,076
Total	22,307	1,118,348

As seen from Table 2.1, there is significant disparity in the level of DOD energy usage and corresponding costs among the 48 contiguous states. California represents the state with both the greatest level of FY 1996 usage (2.4 million mWh) and costs (\$154 million). The total power cost in California in FY 1996 was approximately 64 percent higher than the second highest expense state (Virginia), though mWh usage in Virginia was only 8 percent lower than usage in California. The state exhibiting the lowest usage and cost is Oregon, with FY 1996 expenditures of less than \$100,000.

From Table 2.2, it is shown that the Navy (including the Marine Corps) is responsible for approximately 38 percent of total power costs. This compares with 33 percent for the Army and 29 percent for the Air Force. The Navy's cost responsibility share is slightly in excess of its share of

total mWh, which is 36.5 percent. The reason for this disparity is the Navy presence in California, a relatively high-cost state. For opposite reasons, the Air Force is responsible for 31 percent of power use, approximately two percentage points higher than its share of total costs.

The detailed base year usage and cost data on a base-by-base and state-by-state basis is contained in Appendix A.

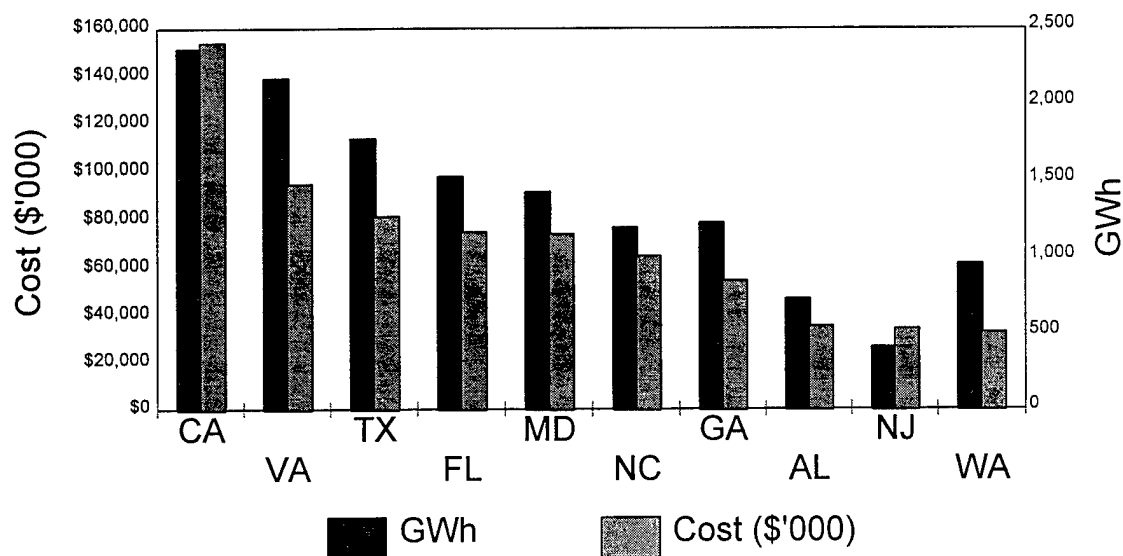
Table 2.2
Department of Defense
Base Year Electricity Usage and Cost
by Service Branch
(Thousands of MWh, Thousands of Dollars)

<u>Service Branch</u>	<u>FY 1996 Usage</u> <u>(Thous. of MWh)</u>	<u>FY 1996 Cost</u> <u>(Thous. of \$)</u>
Air Force	6,937	\$321,293
Army*	7,160	368,122
Navy	7,030	361,322
Marine Corps	1,181	67,611
Total**	22,307	1,118,348

* Includes DLA usage and costs.

** Total may not sum due to independent rounding.

Figure 2.1
Highest DOD Power Cost States
(FY 1996)



2.3 CURRENT PROCUREMENT PRACTICES

Under current laws and regulations, military installations are generally precluded from competitively procuring electric power supplies. While there are some exceptions to this general rule which are discussed later in this section, military installations are considered retail customers and the franchised utility maintains a right (as well as an obligation) to serve the load.

As retail customers in exclusive franchise areas, military bases purchase all power requirements (other than self-generated power for emergency standby or other self-generation as may be undertaken and purchases of federal preference power that may be available from a federal power marketing administration) from the franchised utility. The serving utility may be an investor-owned utility (IOU), an electric cooperative, or a municipal utility. IOUs are for-profit corporations, owned by shareholders, with rates approved by state utility regulatory commissions; electric cooperatives

(co-ops) and municipal utilities (munis) are not-for-profit organizations owned by utility's customers or the municipality, respectively.¹ In general, co-ops and municipal utilities are self-regulating and their rates are largely not subject to review and approval by the state utility regulatory commission.

For power supplies procured from an IOU, the base generally receives power deliveries under the most favorable, applicable tariff and, like any other customer, retains the right to intervene before the state utility regulatory commission on issues of concern when the utility files for a change in rates.

Contracts for the provision of electric power service can either be between the base and the utility or service to the base can be specified in Exhibit A, which is attached to a General Services Administration (GSA) area-wide contract with the utility. If a GSA area-wide contract exists, the base is not obligated to receive service under that contract but can opt to receive service under a separate contract.

Utility service contracts can have a definite term of no more than ten years. The length of the definite term contained in virtually all definite-term contracts is set at the maximum allowable for reasons of convenience and administrative cost minimization. It is also possible to enter into indefinite term utility service contracts, though there are relatively few indefinite-term contracts as a matter of policy. Instances also exist where service is taken without the existence of a contract. This circumstance generally arises for one of two reasons. One reason is that, upon expiration of the previously existing contract, the government and the utility are unable to quickly come to agreement on the terms of a replacement contract. During the period of time between contracts, power is purchased under the conditions stipulated in the Company's approved tariff. The second reason is that utilities are sometimes unwilling to enter into a contract with the government, typically because of the utility's reluctance to agree to certain mandatory FAR clauses. The conditions under which

¹A more detailed discussion of the differences among IOUs, co-ops, and munis is contained in Chapter 3 of this report.

the base receives power under this circumstance are identical to the conditions under which the base receives power in the "between contracts" situation.

Occasionally, a base may be able to negotiate a discounted rate with the IOU that may be available due to a variety of special circumstances. Such a discounted rate may be offered to induce the base to forego alternative power supply options, such as cogeneration or self-generation or some other form of system bypass. Discounted rates or other special rate arrangements have been offered to military bases in recent years to reduce the base's chances of being closed as a result of the BRAC process and to avoid the potential of competitive acquisition of power supply where the base may (arguably) have been able to compete its electric load. Such negotiated rate arrangements require the approval of the state utility regulatory commission.

In the case where service is provided by a muni or a co-op, the same contract arrangements exist as contained in contracts with IOUs with the notable exception that rates are periodically renegotiated. Because munis and co-ops are self-regulating, and rates are therefore not subject to approval by the state utility regulatory commission, protection for the government needs to be explicit in the contract to avoid the potential of excess cost coverage responsibility being placed on the government. The negotiated rates clause provides this protection that would otherwise be provided by the state regulatory commission.

In addition to basic power supply agreements, additional agreements, either folded into the utility service contract or developed on a stand-alone basis, are in place at many military installations. These agreements include:

- energy conservation/demand-side management agreements;
- agreements to wheel federal preference power; and
- other agreements related to utility/base cooperation.

Each of the service branches maintains an office whose function is to provide broad support to the bases and the commands on issues dealing with utility services (electric power, natural gas, water/sewer). In addition to providing support services, the utility support centers also coordinate among themselves and with DOD in addressing policy issues and in developing and implementing programs affecting the use and/or costs of utility services. The three utility centers are staffed with engineers, attorneys, and contracting specialists who are available to assist the bases and commands in addressing a wide range of problems and opportunities. The utility support centers perform an important function given the technically complex nature of utility service, coupled with the circumstance that utility service contracts under current arrangements are typically renegotiated only every ten years. The long contract period means that contracting personnel at the individual bases do not have any substantial opportunity to gain expertise in utility service contracting issues.

The development and maintenance of utility service procurement expertise is critical to ensuring that the special power supply needs of military bases are met. Additionally, expertise is required to help identify opportunities to reduce costs or improve utility service arrangements with minimum cost effects. The need for technical, contracting, legal, and institutional knowledge is made more important due to the special power supply requirements associated with base missions. In many circumstances, bases require higher levels of power supply reliability than the utility is obligated to provide. Utilities are required, under the franchise agreement, to provide customers with facilities sized and configured to satisfy the customer's load requirements. This typically entails a single radial feed and the minimal transformer configuration necessary to meet the customer's peak demand plus a small allowance for growth. For purposes of reliability, military bases often prefer more than the minimal system. For example, transformers within a substation can be sized and configured in such a way that, in the event of a blown transformer, power can automatically be rerouted and power flows to the base will not be interrupted.

There are alternative means to enhance the reliability of service including: engineering upgrades provided by the utility, as described above; engineering upgrades on the base's side of the meter, such as the installation of uninterruptible power supply (UPS) systems; and the installation

of on-base generating equipment to provide emergency back-up to critical facilities in the event of power supply interruptions. Other methods have also been employed to enhance reliability of service as opportunities have arisen. For example, McClellan Air Force Base reached an agreement with its serving utility, the Sacramento Municipal Utility District (SMUD) to have SMUD install a 50-mW power plant on-base. The plant was owned and operated by SMUD as a system resource. In exchange for the site for the plant and use of some of the base's emission permits to run the plant, SMUD agreed to make that plant available to the base in the case of a grid failure. As a result of that arrangement, and at virtually no cost to the base, the base was able to obtain emergency back-up power supply for the full base load.

It should be noted that many military installations do not require reliability in excess of system reliability for the bulk of their loads; there are, however, several installations that require very close to 100 percent power reliability. These high levels of reliability can only be approached through multiple back-up arrangements, e.g., on-base generation plus UPS plus dual feeds from the serving utility from different portions of the utility's grid.

In addition to reliability considerations that, in general, exceed those of most private industrial-size customers, power supply security is also a concern for military installations. To the extent practical, transmission-voltage to distribution-voltage substations are located "inside the fence." It is widely recognized, however, that the utility's transmission system is exposed from a power supply security perspective. This fact serves to seriously limit the effectiveness of security measures taken at the base level.

One way to augment both power supply reliability and power supply security is through the installation of on-base generating units. These units, used almost exclusively for emergency back-up, are generally dedicated to serve all, or a portion, of the power requirements for particular buildings housing critical loads. The units, most typically sized between 100 kW and 500 kW, are not configured to run in parallel with the utility and consequently cannot easily accommodate

activities such as peak-shaving.² The running costs of these units are high compared to the cost of purchasing energy from the supplying utility. Consequently, it is rarely economic to run the emergency back-up generators to provide energy to supplant energy purchases from the serving utility. Additionally, there may be environmental constraints which limit the number of hours that these units can be run. While these constraints generally tend to be non-binding if the units are run for emergency back-up only, use of the units for other purposes in addition to emergency back-up may not be possible for particular installations.

Many military installations have access to low-cost federal preference power generated predominantly from hydroelectric plants. The federal preference power, marketed by federal power marketing administrations, is reserved for use by federal and state government customers and municipal utilities and electric cooperatives. It cannot be sold to investor-owned utilities or to private corporations. Under the current regulatory framework, for a retail customer to receive deliveries of federal preference power, the customer must either have a direct connection into the PMA transmission grid or the customer's serving franchised utility must agree to transmit (i.e., wheel) the PMA power. Virtually all PMA power is delivered under the second arrangement.

It is important to note that under current regulations, as described in the following section of this chapter, utilities are not required to wheel power from alternative sources to end-use customers. As a consequence, some of the arrangements that have been entered into to secure delivery of low-cost federal preference power reflect the monopoly position of the serving utility, that is, many of the contractual arrangements result in a significant portion of the available savings being absorbed by the serving utility rather than by the base. This circumstance, however, is far

²Peak-shaving refers to a customer using customer-owned generation during the period of the customer's peak demand to reduce the level of kW demand for which the customer is billed for that month.

from universally applicable; many of the arrangements in place to have federal preference power wheeled to military bases have permitted the base to obtain significant savings.³

The DOD purchases approximately 950,000 mWh per year from the Western Area Power Administration at a cost of approximately \$23 million. Additionally, approximately 174,000 mWh per year are purchased from the Southwestern Power Administration at a cost of approximately \$2.5 million. Total savings are estimated to be between \$35 million and \$40 million per year.

Under restructuring, significant changes in the savings accruing to the DOD from reliance on federal preference power can be expected. For some bases, savings should increase, particularly for those bases that have had federal preference power allocations for many years (and hence likely to be exempt from stranded cost charges) under costly wheeling arrangement terms (which likely would be improved upon). For other bases, the savings available from federal preference power may be reduced significantly. Some bases receiving Western power in California, for example, may be required to pay Competitive Transition Charges, which are not currently paid; reductions to the amounts of Western power available may be significantly reduced; and increases in the wheeling charges may be implemented. While significant levels of uncertainty exist, on balance it appears that total savings available to the DOD from the use of federal preference power is likely to decline. This issue is addressed more fully in Chapter 7 of this report.

2.4 THE CURRENT LEGAL AND INSTITUTIONAL ENVIRONMENT

There is no legislation or regulatory mandate at the national or any state level currently in place that requires utilities to wheel power for end-users, i.e., retail customers. In fact, the existing

³One of the functions that the utility service centers provides for each of the service branches is assistance in addressing issues related to federal preference power, including assistance in developing wheeling contracts, identifying and transferring preference power to those bases where power supply cost savings are greatest, and facilitating the accommodation of administrative requirements of the PMAs.

legislation and regulations addressing retail wheeling in states that have not enacted restructuring legislation are aimed at reinforcing the prohibitions against retail wheeling.

Congress originally considered and rejected mandatory retail wheeling when the Federal Power Act, Part II (FPA) was enacted in 1935.⁴ Congress did, however, grant the FERC limited authority to order wheeling under the 1978 Public Utility Regulatory Policy Act (PURPA) amendments to the FPA (Sections 211 and 212). This authority to order wheeling was restricted to situations where wheeling "would reasonably preserve existing competitive relationships." The courts rejected subsequent attempts by the Commission to extend the wheeling mandate for purposes of enhancing competition or to remedy discrimination.

Several utility merger proceedings occurring within the last few years have caused various wheeling issues to be addressed. Section 203 of the FPA requires the Commission, in considering a utility merger, to make a determination that any proposed merger is "consistent with the public interest." Additionally, the courts have required the Commission to consider antitrust as part of the public interest determination.⁵ Consequently, the Commission has adopted the position that it has the power to condition approval of a merger on the voluntary acceptance of transmission access conditions (to alleviate probable anticompetitive effects of the merger), but not the power to order mandatory wheeling. The Commission, however, has *consistently excluded end-users* (i.e., retail customers) and Qualifying Facilities (QFs), except under certain conditions, from the list of eligible transporters afforded unconditional access to the transmission system.

⁴As originally conceived, Part II of the FPA would have included a common carrier provision making it the duty of every public utility to "transmit energy for any person upon reasonable request." H.R. 5423, 74th Cong., 1st Sess; S. 1725, 74th Cong., 1st Sess [1935]. These provisions were eliminated to protect the rights of utility companies.

⁵This is not to suggest that any regulatory agency has jurisdiction to determine violations of the antitrust laws. The antitrust laws are simply a tool which the regulatory agency may employ in order to give meaning or context to the statutory concept of public interest.

In the Utah/PacifiCorp merger (Docket No. EC88-2-007), the Commission in late 1991 reaffirmed its stance on the exclusion of end-users and QFs from the mandatory wheeling provisions contained in its ruling granting authority for the merger. The Commission found that an order requiring the merged entity to give transmission access to QFs would contravene the PURPA and the FPA and that only QF access conditioned upon QFs waiving their mandatory purchase rights under PURPA (to ensure consumers would be served with QF power only if it were competitive with other options) would adequately protect consumers. With respect to end-users, the Commission argued that retail access would jeopardize recovery of the merged company's investments made to serve its customers (i.e., stranded investment) and that the retail access issue is a state regulatory matter.⁶ The retail access issue was challenged and on remand from the court,⁷ the Commission requested that additional information be submitted on retail bypass, but only as it pertained to the competition issue in the merger case.

Similarly, the application of Entergy Services, Inc. (a subsidiary of Entergy Corporation) for market-based rates on certain sales by Entergy Power, Inc. and the Entergy operating companies was approved contingent upon an open access policy which excluded the following groups: (1) retail customers, (2) QFs, unless the PURPA right to make sales at avoided cost is waived, and (3) electric distribution systems established to serve retail customers formerly served by an Entergy operating company.⁸

In this proceeding, the Commission considered the retail wheeling issue in the context of whether Entergy's transmission tariff adequately mitigated its market power in the bulk power

⁶When customers bypass their historical suppliers, they leave a heavier burden of fixed charges to be recovered from the customers that remain.

⁷Environmental Action, Inc. v. Federal Energy Regulatory Commission, United States Court of Appeals for the District of Columbia Circuit, 939 F. 2d 1057 (1991).

⁸Entergy filed proposed transmission tariffs which included certain restrictions which were modified or deleted as a condition of approval. Approval was granted in Docket No. ER91-569-000, 58 FERC ¶ 61,234 on March 3, 1992.

(wholesale) market. Entergy proposed to sell power at market-based rates in the wholesale market. The Commission reasoned that excluding retail customers from the transmission tariff would not enhance Entergy's market power in the wholesale market where the market-based rates would be applicable. The third exclusion - new electric distribution systems established to serve former Entergy customers - was viewed as necessary to prevent retail customers from sidestepping their direct exclusion from open access under the transmission tariffs. The Commission also reiterated its position in the Utah Remand that it has no statutory authority under PURPA to force utilities to wheel for QFs.

In summary, the Commission has taken the position that it lacked authority under the FPA and the PURPA to order mandatory wheeling under any circumstances but may impose voluntary access conditions in mergers and other situations to mitigate potential adverse impacts on competition. Those eligible for access have included all utilities or electric generating companies which sell at wholesale (sales for resale). End-users have been excluded on the basis that retail bypass is a state jurisdictional matter, and that even if the Commission had authority to order retail wheeling, exclusion is necessary to protect the transmitting utility's investment in facilities to serve its customers.

The Energy Policy Act of 1992, however, has modified the PURPA. This legislation, while prohibiting mandatory retail wheeling, has granted the Commission authority to order open access. The Energy Policy Act (Act) of 1992 amends Section 211 of the FPA and authorizes the Commission to order mandatory wheeling by including the following provision:

Any electric utility, Federal power marketing agency, or any other person generating electric energy for sale for resale, may apply to the Commission for an order under this subsection requiring a transmitting utility to provide transmission services (including any enlargement of transmission capacity necessary to provide such services) to the applicant. [Subtitle B - Federal Power Act; Interstate Commerce in Electricity Sec. 721.]

The transmission service provided must be at rates or charges and under terms and conditions which permit the recovery of all costs associated with the service, including the cost of any enlargement of transmission facilities and other "legitimate, verifiable and economic costs" (Sec. 722 Transmission Services).

Mandatory *retail wheeling*, however, is specifically prohibited. Sec. 722 prohibits the issuance of any order which would require or is conditioned upon the transmission of electric energy to an ultimate customer. The Act goes even further and prohibits what are called "sham wholesale transactions" designed to avoid the proscription against mandatory retail wheeling. Under the Act, the Commission may not issue an order which requires or is conditioned upon the transmission of electricity to, or for the benefit of, an entity if the energy would be sold by such entity directly to an ultimate consumer unless:

"(A) such entity is a Federal power marketing agency; the Tennessee Valley Authority; a State or any political subdivision of a State (or an agency, authority or instrumentality of a State or a political subdivision); a corporation or association that has ever received a loan for purposes of providing electric service from the Administrator under the Rural Electrification Act of 1936; a person having an obligation arising under State or local law (exclusive of an obligation arising solely from a contract entered into by such person) to provide electric service to the public; or any corporation or association which is wholly owned, directly or indirectly, by any one or more of the foregoing; and

"(B) such entity was providing electric service to such ultimate consumer on the date of enactment of this subsection or would utilize transmission or distribution facilities that it owns or controls to deliver all such electric energy to such electric consumer"
[Subsection (h)]

Thus, retail customers are uniquely excluded under the Commission's authority to order wheeling. The law even goes a step further and denies open access under arrangements contrived to get around the law on retail wheeling.

In addition to the FPA, FERC rulings, and the Energy Policy Act of 1992, additional restrictions exist on federal government entities attempting to competitively procure electric power. The Federal Acquisition Regulations (FAR) incorporate the provisions of Section 8093 of the Department of Defense Appropriations Act, Fiscal Year 1988, contained in Public Law 100-202. Section 8093 and the FAR revision detailed restrictions on the competitive procurement of electric services. Generally, unless permitted by state or federal law or regulation, federal agencies are prohibited from competing electric requirements for existing loads.

Within the past two to three years, momentum has increased to mandate retail wheeling at both the state and federal levels. The status of proposed and recently enacted legislation affecting electric power markets is discussed fully in the following chapter. The section immediately below compares the natural gas and electric utility industries.

2.5 COMPARISON OF THE ELECTRIC AND NATURAL GAS INDUSTRIES

In 1938, Congress enacted the Natural Gas Act (NGA) to regulate the sale for resale of natural gas in interstate commerce. The catalyst for reform of the regulation of the natural gas industry was the shortages of gas in the regulated interstate market during the 1970s. Congress responded to the shortages by enacting the Natural Gas Policy Act (NGPA) which created incentives for the increased flow of gas into the interstate market (through increased prices) and began the process of decontrolling wellhead prices.⁹ The NGPA created new statutory rates for the wholesale gas market (i.e., for "first sales") in lieu of rates established by the Commission. Under the NGPA, changes were also made which broke down existing barriers between intrastate and interstate markets and which promoted gas transportation arrangements outside of the NGA's certification requirements. The primary change came under section 311 which authorized the Commission to approve transportation by an interstate pipeline "on behalf of" an LDC or an intrastate pipeline. The goal was to promote a competitive wellhead market which would allow market forces to play a more

⁹Legislation was passed in 1989 which repealed all remaining price controls on wellhead sales of natural gas.

significant role in determining the supply, demand and price of natural gas. The NGPA, therefore, accelerated a fundamental change in the industry. The so-called unbundling of gas began at this stage as natural gas became a separate and distinct commodity -- separate from the transportation, storage and various load balancing services which were part of the bundled, city-gate sale which predominated prior to the reformation of the industry.

By the time the open-access concept was formally introduced in 1985 via Federal Energy Regulatory Commission Order 436, the industry was in a surplus supply situation and natural gas prices in the field were declining. Order 436 instituted open-access, non-discriminatory transportation (on a voluntary basis) to permit downstream buyers such as industrials (large end-users) and Local Distribution Companies (LDCs) to purchase gas directly from producers or marketers and have the gas shipped on the interstate pipeline system. Completion of the restructuring came with a series of Orders commencing in April 1992, Orders 636. In brief, these rules require pipelines to unbundle their sales service from their transportation services and to provide transportation services on a non-discriminatory basis that is equal in quality to the transportation service embedded in the previously bundled service.

To enable market participants to replicate the bundled service historically provided, the Commission mandated that each pipeline offer:

- access to storage on an open access, contract basis;
- access to information relevant to the availability of their transportation services (through the use of an electronic bulletin board);
- access to capacity held on upstream pipelines;
- a capacity releasing program which would allow firm transportation customers to release unwanted capacity to shippers desiring capacity; and
- transportation services which are equal in quality for all gas transported, whether purchased from the pipeline or elsewhere (generally including the availability of no-

notice service under which firm shippers may receive delivery of gas on demand up to their firm entitlements without incurring daily balancing and scheduling penalties).

Customers are allowed to convert their bundled firm sales entitlements to unbundled firm transportation rights and to unbundled firm sales entitlements. Under these rules, pipelines will be granted blanket sales certificates so they can offer unbundled firm and interruptible sales services at market-based rates in competition with other non-pipeline suppliers. The Commission ordered all pipelines to make a compliance filing on or by December 31, 1992 to ensure that all pipelines will be in full compliance with the final rule for the 1993-1994 winter heating season.

In sum, the NGPA and the subsequent Commission orders discussed above have fundamentally changed two key components of the natural gas industry. First, the price of natural gas as a commodity is no longer subject to Commission-determined rates. Second, the transportation and sale of natural gas became separate economic services or functions. Pipelines now compete directly with producers, marketers and other merchants in the sales function. While gas is sold in a competitive, deregulated market, the transportation of gas is still a monopolistic function and is subject to regulatory review and control.

Similarities exist in the structure of the natural gas and electric utility industries. Both are characterized by three primary stages of development: production, transmission (or transportation) and distribution. Natural gas is produced at the wellhead, transported to consuming areas by pipeline, and then distributed for ultimate consumption by local distribution companies through an extensive distribution network. Electricity is produced at remote generating facilities, transported via high voltage transmission lines to consuming areas and then distributed by local distribution companies through an extensive, low-voltage distribution network.

Like natural gas, electricity has been sold predominantly as a bundled product. Historically, local distribution companies (LDCs) generated, transported and distributed electric power and energy to ultimate consumers under regulated rates, terms and conditions. Unlike gas pipelines,

however, which were never extensively involved in the production of natural gas (and contracted, instead, for their supplies), electric LDCs have been the major producers of electricity. Additionally, gas pipelines generally were not involved in the distribution of natural gas. Pipelines historically sold their purchased gas to gas distribution companies for resale to ultimate consumers. Electric utilities are major distributors of electric service. Thus, the natural gas industry has never been vertically integrated to the same degree as has the electric utility industry.

In both industries, the transmission/transportation and the distribution functions are naturally monopolistic. Natural monopolies are characterized by inherent factors which make it possible for a single, large firm to supply a market at a much lower cost and price than would be possible if several smaller firms supplied an equivalent service or quantity of service.¹⁰ In such markets, competition is usually discouraged in order to avoid wasteful duplication of investment or service and is replaced by regulation to protect the consumer.

Although the production of natural gas is still subject to certain output regulations in producing states, with decontrol, the wellhead market has evolved into a highly competitive market which includes an active spot market, a futures market and a highly developed infrastructure of marketers, brokers and information services. Additionally, gas suppliers face stiff competition from Canadian sources where surpluses, relaxed import constraints, and increasing imports have contributed to the downward pressure on natural gas prices for several years.

With respect to interstate natural gas pipeline transportation, the market has changed since regulation began in 1938. There are still geographic areas with a single pipeline supplier. But in many areas, a second, or even third pipeline has entered an area (with capability of serving a customer). The presence of pipeline-to-pipeline competition reduces the monopoly power of the initial pipeline. The pipeline system has matured into a largely interconnected, nationwide grid

¹⁰This does not necessarily imply the complete absence of competition. Where markets are growing, there may be competition in meeting the incremental needs of the market.

which has increased the number and type of transactions possible. Displacements and exchanges enable transactions to occur between buyers and sellers that are far removed and may not even be physically connected. With open access, it is possible for suppliers to sell gas in a market that is virtually nationwide in scope. For example, prices are often stated at a particular location, say, Henry Hub, plus or minus a differential that represents locational value downstream or upstream from the hub.

The trend in electric generation has been toward increasing competition. This industry, which had been an industry characterized by high fixed costs and economies of scale (i.e., a declining cost industry), now faces competition from co-generation, independent and small power producers as well as demand side alternatives. The legislation on mandatory wheeling will accelerate the trend.

Because of the monopolistic characteristics of the transmission/transportation component, open access has and will continue to play a central role in the evolution toward greater competition in both industries. The whole issue of how best to include retail customers in the open access provisions, evolves around the proper role of competition in meeting the current needs of existing and growing markets. The benefits of competition as an important tool in increasing economic efficiency (and the quality of service) must be weighed against the economic consequences to historical suppliers and the full requirements customers dependent on these suppliers. Competition yields its benefits through the efforts made by suppliers in response to present or potential competitors. Existing higher cost suppliers may suffer economic losses if competition exceeds in establishing market prices below regulated prices. In electricity, these losses are commonly referred to as stranded costs. The question which legislators and regulators have faced then is not whether competition may "hurt," but whether and how to determine the acceptable range of competition and "hurt."

In many respects, the restructuring of the natural gas acquisition and transportation markets is similar to the restructuring of the electric industry now taking place. There are fundamental

differences at the operational level which do account for implementation differences. For example, the electric transmission system performs a greater network function than the specific flows which can be accounted for in natural gas transmission. However, on a conceptual basis, electric and natural gas market reformations are both striving for the creation of more competitive energy acquisitions largely made possible through the restructuring of access to transmission and distribution systems.

3. ELECTRIC POWER MARKETS -- CURRENT AND FUTURE

3.1 INTRODUCTION

This chapter presents a discussion of the restructuring of the U.S. electric utility industry at both the federal and state levels. As noted in the introductory section, the restructuring of the electric utility industry is appropriately viewed as a work in progress. None of the states has, as yet, fully defined the rules for retail customer choice, though several states have largely established the parameters for the restructured industry. In addressing future market characteristics, we have implicitly assumed that the restructuring that occurs over time will bear a substantial resemblance to the restructuring guidelines that have been articulated to date.

To provide a context for the discussion of industry restructuring, we have presented a section describing the U.S. electric utility industry under the existing regulatory framework which precedes the restructuring section.

3.2 CURRENT INDUSTRY STRUCTURE

3.2.1 INTRODUCTION

This section describes the various kinds of utilities that provide electric power to DOD installations (investor owned utilities, rural electric cooperatives, municipal utilities, power marketing agencies, independent power producers, and co-generators), discusses the regulatory framework in which electric utilities operate, and presents a description and assessment of trends in the regulation of electric utilities.

3.2.2 TYPES OF UTILITIES

Investor-Owned Utilities (IOUs) represent the largest utilities in the industry and some of the largest companies in the U.S. and the world in terms of revenue and investment. IOUs are corporations that are operated for profit and owned by shareholders. Like other private, for-profit

corporations, the corporate management of the IOU is responsible to shareholders for adequate earnings performance of the corporation.

IOUs distribute retail electric power service to customers within a defined area (known as a certificated area). The prices charged for service, and the services offered, are subject to regulation by the state or other regulatory authority for the jurisdiction in which the service is provided. Funding for construction of utility projects is typically provided from shareholders' equity and from short-term and long-term debt. Funding amounts are presumed to be proportional to the capital structure of the IOUs which contain 10 to 15 percent short-term debt and roughly equal proportions of long-term debt and equity.

There are approximately 200 IOUs in the U.S., many of which provide retail service in multiple jurisdictions. About a quarter of these utilities are relatively small, serving only a few hundred customers.

Retail customers of the IOU have the same relationship to the company that any customer of a for-profit firm has: that of simply buying a product or service. Regulation, however, imposes some restrictions on the transactions. For example, the utility is required to offer service to all customers within its service area on a nondiscriminatory basis. The utility is also *required* to plan for, develop, and maintain sufficient resources to generate (or purchase), transmit, and distribute power to the customers within its certificated area. The utility also maintains the *right to serve* the customers within its certificated area. This means that the customer typically must purchase its electricity from the franchised utility, though certain exceptions to this requirement exist. For example, the customer may choose to self-generate power or, in some areas, select an alternative supplier if the area has dual certification, i.e., two utilities have the right to sell power in the same area.

Most IOUs are vertically integrated and generate the majority of their own electricity and engage in the purchase and sales of power with other neighboring utilities or affiliated utilities,

although some investor-owned utilities purchase all of their electricity from affiliated generation companies or other utilities. Purchases or sales may also take place with other generating entities, such as cooperatively-owned or municipally-owned utilities, non-utility generators (NUGs), or federal or state power agencies.

Cooperatively-Owned Utilities (co-ops), also known as Electric Membership Cooperatives (EMCs), are member-owned organizations. These utilities were formed initially to provide electric service to rural areas and, in furtherance of that objective, received low-interest loans from the Rural Electrification Administration (REA). There are about 900 retail co-ops in the U.S. Co-ops may obtain power from their own generating resources, from other utilities, from generation and transmission cooperatives (G&Ts), from state or federal power agencies, or from non-utility generators. While co-ops are located throughout the U.S., they are most prevalent in the Western states where customer density tends to be relatively low.

Unlike IOUs, cooperatives do not operate for profit. Members (customers) of the co-op pay the cost of service, including depreciation, and the cost of debt. The cost of debt component, however, is typically incorporated into rates at a level higher than the actual cost in order to provide the co-op with a cushion, or margin, that would allow it to meet its debt obligations even in the event of an unanticipated decline in revenues. Such a decline in revenues might be due to factors such as weather conditions or the general economic climate. Excess revenues collected are treated in a manner analogous to the way that a for-profit company would treat retained earnings and are distributed to co-op members (customers) on a formulaic basis typically using revenues during the period in which the over-collections were made as the allocator.

The rates charged by co-ops generally do not need to be approved by the state regulatory authority. The rationale underlying this treatment is that the owners of the utility are also the customers and hence the utility has no incentive to over-charge for services provided. In some jurisdictions, however, regulatory approval is required before rates can be changed. Some

jurisdictions require regulatory approval only for rate increases over a prespecified threshold level, e.g., 12 percent.

Municipally-Owned Utilities, or munis as they are sometimes called, are not-for-profit organizations that are owned by the municipalities in which they operate. There are approximately 1,800 municipal utilities located throughout the U.S. and most are relatively small, though several munis are as large as moderately-sized investor-owned utilities. Other things equal, a municipal utility will be able to provide service for less than the cost for which an IOU could provide service due to tax advantages that are available to the munis. For example, the interest received by the purchasers of bonds issued by munis is exempt from tax, thereby allowing munis to issue bonds at lower interest rates than bonds of comparably rated IOUs. Offsetting this tax advantage may be a tendency for munis to charge electric rates that provide a contribution to general revenues. Also, limited geographical size may limit distribution scale economies evident in larger IOU electrical operations.

Municipal utilities are governed by elected boards of directors, directors appointed by elected government officials, or by an established utility office that serves at the pleasure of elected officials. Municipal utilities generally are not subject to regulatory oversight regarding rates, though under certain circumstances they may be brought before Public Service Commissions if serious rate problems emerge.

Municipal utilities may engage in the generation of power sold at retail, may purchase power at wholesale and resell the power at retail, and may generate and sell power at wholesale. A muni may also band with other munis or co-ops to develop an agency that purchases and generates power on behalf of members of the agency, thereby permitting even small munis to garner some of the benefits of bulk power supply scale economies present in the operation of larger utility entities.

Federal Power Marketing Administrations are administered by the U.S. Department of Energy. The federal government, as a result of investment primarily in hydro-electric generating

stations such as the Hoover Dam and other projects located predominantly in the Western, Southwestern, Northwestern, and Southern portions of the country, engages in the sale of power principally at the wholesale level but also at the retail level through the PMAs. The federal power marketing administrations are:

1. Bonneville Power Administration
2. Southeastern Power Administration
3. Southwestern Power Administration
4. Western Area Power Administration

Power generated by the federal PMAs is priced at rates that cover the costs of operation and repayment of bonds issued for project construction. PMAs are generally precluded from making sales to IOUs. They sell power to co-ops, munis, state and local governments, and federal government entities. Rates charged by the federal PMAs are generally low relative to the rates charged by co-ops, munis, and IOUs. To obtain access to PMA power in the current regulatory environment, a delivery path needs to be secured, either by direct connection to the PMA's transmission system or through the arrangement of wheeling paths to the PMA transmission system.

Independent Power Producers and Cogenerators are two forms of non-utility generators (NUGs). Cogenerators differ from Independent Power Producers (IPPs) in that the cogenerator produces electricity as a by-product of the production of steam or other process heat whereas an IPP operates to produce power without concern for the production of any other good. The Public Utility Regulatory Policy Act of 1978 (PURPA) conferred certain benefits to cogenerators that meet the requirements specified by the FERC. In particular, the local franchised utility is required to purchase the electrical generation of cogenerators and other Qualifying Facilities (QFs) at the utility's avoided cost. Emerging competition is driving the utilities' avoided costs to market costs, which places cogenerators and QFs in much the same circumstances as any other power producer in terms of their electricity sales opportunities to utilities.

IPPs, however, do not have the right to have the power that they produce purchased by the franchised utility but instead can use the power generated to bypass the utility by using the power for its own process requirements. This may be profitable when the franchised utility has excess capacity since power rates to retail customers are based on average embedded costs. Alternatively, IPPs can compete as new generating resources for utilities in lieu of the utility constructing its own new generating resources. As the bulk power supply markets become increasingly competitive, and wholesale and retail customers are provided access to transmission service, IPPs can also compete with existing generation.

3.2.3 REGULATION

Most IOUs in the U.S. have traditionally provided electricity to end-use customers on an exclusive franchise basis. In exchange for this exclusivity, which assures the absence of competition, the franchisees' operations were subject to regulation, typically, by a state regulatory authority. These privately owned utilities typically integrated their operations vertically, preferring to own and operate their own generation and transmission facilities, as well as distributing electricity to end-users. The provision of electricity from a single monopoly provider of service was the norm in the U.S. electric industry until recent restructuring activities began to alter this traditional service arrangement.

Traditional utility ratemaking is grounded in the principle that rates should be cost based.

Nevertheless, one standard of reasonable rates can fairly be said to outrank all others in the importance attached to it by experts and public opinion alike -- the standard of cost of service, often qualified by the stipulation that the relevant cost is *necessary* cost or cost reasonably and prudently incurred. [Bonbright, James C., Principles of Public Utility Rates, Columbia Press, 1961.]

The cost-based standard provides that regulated utilities should be allowed to charge rates that provide an opportunity to cover reasonable, prudent, necessary and ongoing costs of providing service. This cost standard has been the bedrock of utility regulation throughout the post-World War II era, continuing to apply to regulated operations as utility service functions are being restructured.

Since firms in the private, unregulated sector of the economy must cover their total costs of service if they are to remain in business, and since regulation stands in lieu of market determined operations and generally seeks to emulate competitive market results, the cost of service standard has been the most generally accepted standard in the regulation of private utility companies.

Included in a utility's total cost of service is a reasonable return on its capital investment. The regulatory process determines, among other things, a reasonable rate of return commensurate with the business and financial risks associated with utility operations. This rate of return is applied to the utility's investment, i.e., plant, working capital, and certain deferred expenses, to define a return requirement. This return requirement is a component of the utility's total cost of service, along with other costs including fuel and purchased power, operations and maintenance expenses, depreciation expense, and tax expense.

Under a cost-based standard, once regulators determine the utility's total cost of service, the regulators next determine how much of the cost-based revenue requirement is the responsibility of each customer class. One of the tools that regulators consider in apportioning the total revenue requirement among customer classes is a class cost of service study. The class cost of service study typically is controversial, and rate case participants present any number of short-run and long-run marginal cost studies, and numerous variants of average embedded cost studies. Regulatory commissions also consider value of service arguments in apportioning total costs among customer classes.

Regulatory commission responsibilities include a determination of the public interest and class revenue requirements consistent with that determination. While commissions rarely rely exclusively on class cost of service studies or slavishly apply those study results in the setting of class revenue requirements, class revenue requirements generally tend to incorporate cost basis to a greater rather than lesser extent.

In the traditional regulatory environment, the final step in the ratemaking process is the determination of actual rates consistent with the just-determined overall and class revenue requirements. The smallest customers will have energy-only rates (usually combined with a customer charge), consistent with their simple watt-hour metering capability. Larger customers may face a rate design that contains both energy and demand charges. The energy charges may remain constant with increasing usage, or the energy charges may decline as usage levels increase. Customers having meters that record usage over time may pay rates which vary by time of day.

Thus, under traditional ratemaking determinations, utilities were provided the opportunity to recover all of their costs by the application of rates to the delivery of energy in varying amounts at varying times throughout the monthly billing period.

3.3 ELECTRIC INDUSTRY RESTRUCTURING

3.3.1 INTRODUCTION

Bulk power supply markets are becoming increasingly competitive as the electric procurement markets are restructured. The Federal Energy Regulatory Commission (FERC), which has always had regulatory authority over wholesale rates, including that portion of generation and transmission plant required to effectuate such sales, issued Order No. 888 in April 1996. This Order created open access transmission service for wholesale customers, allowed wholesale customers the opportunity to purchase electricity from any of a large number of potential suppliers, and led to the adoption of a pro-competitive, non-pancaked transmission rates policy. The FERC also asserted authority over unbundled retail transmission rates. State PSCs continue to regulate transmission costs included in bundled retail service rates and distribution rates.

In this new bulk power supply regulatory environment, electricity can be acquired at market rates. This is in contrast to the traditional regulatory scheme where prices were based on average embedded costs of providing service. Unbundled transmission service rates continue to be set at embedded costs by the FERC, and bundled transmission service and distribution service rates continue to be regulated on a cost basis by state PSCs.

Wholesale customers can now purchase their electricity from any of a large number of potential suppliers. These suppliers compete for the wholesale customers' sales business. Power purchases are delivered to the customer under unbundled, open access transmission rates. When states authorize retail access to the increasingly competitive bulk power markets, retail customers will be able to purchase their power requirements at market rates and have that power transmitted and delivered to them at regulated, cost-based rates. The status of ongoing federal and state restructuring activities is discussed in the subsequent sections of this chapter.

Legislative restructuring initiatives at the federal level are concentrated primarily upon the repeal of two statutes -- the Public Utility Holding Company Act of 1935 (PUHCA) and the Public Utility Regulatory Policies Act of 1978 (PURPA) -- that many believe are impediments to the transition to a deregulated electricity market. PUHCA was originally enacted to break up the powerful trusts that had exercised a stranglehold over the U.S. electric and gas distribution networks, while PURPA was a response to the energy crisis of the 1970s and the need to diversify the sources and technologies for electricity generation. Arguments for repeal of these statutes claim that while each has served a valuable purpose in the past, they contain restrictions or conditions that are largely irrelevant in an era of competition. In addition, the Energy Policy Act of 1992 (EPAct) vested in the Federal Energy Regulatory Commission broad new authority to order transmission access in wholesale markets. This section presents a brief discussion of each act, the key arguments for and against repeal, and a review of the existing legislative proposals under consideration in the 105th Congress. We also present a discussion of the open access provisions of EPAct.

3.3.2 PUHCA

In the mid-1980s and again in 1995, the Securities and Exchange Commission (SEC) determined that PUHCA, designed to regulate the formation of utility holding companies and establish accountability to ratepayers, had achieved its purposes and recommended its conditional repeal to Congress. The act broke up the enormous interstate holding companies which dominated the energy market prior to 1935 in favor of smaller, geographically circumscribed systems which were limited from engaging in non-utility businesses, established a strong financial disclosure

system, and regulated the issuance and acquisition of securities by utility holding companies. These successes, coupled with the advances made in the development of standardized accounting principles, the sophistication of the modern securities markets, and the implementation of a strong state and federal regulatory system, led the SEC to report that PUHCA could be amended or repealed without risking a return to the anti-competitive behavior and interaffiliate abuses which initially inspired the legislation. In testimony before Congress, SEC Commissioner Isaac Hunt called PUHCA "redundant in many respects, as a result of prudent administration of the statute and the development and evolution of other state and federal regulation."¹ The SEC, however, has conditioned its recommendation upon continued access by State regulators to the financial records of companies within a holding company system and FERC authority to exercise oversight over affiliate transactions.

Legislators and business interests arguing for the repeal of PUHCA contend that, as currently fashioned, the Act is actually an impediment to, rather than an impetus for, further competition in the energy market because it places restrictions on utility holding companies which prevent the establishment of a level playing field with other entrants into the energy market. The key restrictions include:

- The requirement for SEC approval to own electric and gas operations;
- The requirement for regulatory approval of all utility mergers and acquisitions;
- Prices for wholesale and retail transactions must be set by FERC and state regulatory commissions, respectively;
- Integration requirements which limit ownership of utility subsidiaries to a single geographic area; and
- Strict limitations upon the types of non-utility businesses holding companies may own or operate.

¹Statement of Isaac C. Hunt, Commissioner, Securities and Exchange Commission, Hearing on the Public Utility Holding Company Act of 1997, Senate Committee on Banking, Housing and Urban Affairs, April 29, 1997.

PUHCA also requires frequent, often duplicative, disclosures and statements to the SEC, as well as reviews by the SEC which duplicate efforts of FERC and the states. Taken together, these requirements impose “significant costs, in direct administrative charges and foregone economies of scale and scope, that often cannot be justified in terms of benefits to utility investors.”¹²

Under the Energy Policy Act of 1992 (EPAct), however, a new class of wholesale power producers, exempt from the restrictions of PUHCA, was permitted to enter the generation market and compete in building non-rate-based power plants. In addition, the EPAct mandated that utilities open access to their transmission systems to all independent power producers at “just and reasonable rates.” Issuance of FERC Order No. 888, which implemented transmission access, enabled these Exempt Wholesale Generators (EWGs) to compete directly with investor-owned utilities for the wholesale power requirements of transmission-dependent utilities without having to invest in their own transmission systems. As retail competition has begun to emerge on the horizon, utilities have expressed concerns that PUHCA places them at a competitive disadvantage with EWGs who have greater flexibility over their operations and their ability to diversify their holdings.

In recognition of these arguments, PUHCA repeal is currently addressed in most of the restructuring legislation currently before Congress. The key debate is whether PUHCA repeal should be enacted separate from a comprehensive electric restructuring plan. Senator Alphonse D’Amato (R-NY) has introduced a bill known as The Public Utility Holding Company Act of 1997 which would in fact repeal PUHCA prior to the onset of full competition. The purpose of the bill is to:

eliminate unnecessary regulation, yet continue to provide for consumer protection by facilitating existing rate regulatory authority through improved Federal and State commission access to books and records of all companies in a holding company system, to the extent that such information is relevant to rates paid by utility

¹²Securities and Exchange Commission, Division of Investment Management, “Regulation of Public Utility Holding Companies,” June 1995, p. x.

customers, while affording companies the flexibility required to compete in the energy markets.³

D'Amato believes that while his bill provides an important first step towards restructuring, any further consideration of comprehensive energy reform belongs with FERC and the individual states. This bill is currently the only piece of proposed restructuring legislation to make it out of committee (with a 15-3 vote recommending passage) and to be placed on the legislative calendar.

Most who oppose this piece of legislation are not arguing for maintaining PUHCA indefinitely, but rather they believe that it is best addressed as part of a complete industry restructuring plan. In testimony before Congress, Larry Frimerman, speaking on behalf of the National Association of State Utility Consumer Advocates, argued the perils of repealing PUHCA in stand-alone legislation:

If Congress repeals PUHCA and its integration requirement without tying relief to a showing of effective competition or divestiture, then these very large utility companies can expand their customer, billing, transmission and distribution monopoly at will to ward off competitors. This places such utilities at a tremendously unfair advantage prior to the onset of competition and will allow the utility to acquire other utilities.⁴

Another concern is that repeal prior to competition could provide utility holding companies the opportunity to finance acquisitions and diversification by increasing energy rates to utility customers. Mark Cooper, testifying before Congress on behalf of the Consumer Federation of America, stated that "regulation cannot replace PUHCA's structural protections because we do not have a comprehensive state-federal scheme of regulation in place in this country" sufficient to

³S. 621, "The Public Utility Holding Company Act of 1997," 105th Congress, 1st Session (April 22, 1997), pp. 2-3.

⁴Testimony of Larry Frimerman, on behalf of NASUCA, Hearing on the Public Utility Holding Company Act of 1995, Senate Committee on Banking, Housing and Urban Affairs, June 6, 1996, p. 8.

protect consumers from utility cross-subsidization.⁵ Comprehensive legislative restructuring plans proposed by Representatives Schaefer and DeLay and Senator Bumpers each include repeal of PUHCA and are discussed in further detail in a subsequent section.

Table 3.1 summarizes the arguments surrounding PUHCA repeal.

Table 3.1	
The Pros and Cons of PUHCA Repeal	
Against Repeal	For Repeal
<ul style="list-style-type: none"> • PUHCA regulations can protect consumers until full retail competition is up and running. • Ratepayers are still at the mercy of the regulated monopolies. • PUHCA guards against monopolies and anticompetitive behavior. • Utility monopolies are now taking actions (e.g., mergers) to increase market dominance, and PUHCA can keep them in control. • Immediate repeal is a piecemeal approach; repeal should be contained in comprehensive industry restructuring legislation. • PUHCA guards against interaffiliate transaction abuse. 	<ul style="list-style-type: none"> • PUHCA's provisions are antiquated. • PUHCA is impeding the transition to competition. • Utilities need to be able to diversify in order to improve profits. • PUHCA has already achieved its goal by making holding companies manageable and regulated. • The Securities and Exchange Commission itself recommends a conditional appeal. • PUHCA prevents all companies from playing on a level field. • Various other regulations have since been instituted that prevent holding company abuse. • Immediate repeal is necessary; it will take too long if it is contained in comprehensive industry restructuring legislation.
<p>Source: Energy Information Administration, <i>The Changing Structure of the Electric Power Industry: An Update</i>, December 1996, p. 40.</p>	

⁵Testimony of Mark Cooper, on behalf of Consumer Federation of America, Hearing on the Public Utility Holding Company Act of 1997, Senate Committee on Banking, Housing and Urban Affairs, June 6, 1997, p. 27.

3.3.3 PURPA

Enacted in response to the energy crises of the 1970s, PURPA was designed to reduce the nation's vulnerability to interruptions in its energy supply. This was to be achieved by: 1) promoting increased energy conservation and efficiency programs; 2) increasing support for the development of renewable and alternative energy sources; 3) improving the wholesale distribution of electricity and the reliability of electric service; and 4) diversifying the sources of supply.

The most controversial provision of PURPA was a requirement that electric utilities interconnect with and buy all capacity and energy offered from "qualifying facilities" (QFs) at the utility's own avoided cost rates. Two types of electric generators were eligible to become QFs under criteria established by FERC: small power producers and cogenerators. Qualifying small power production facilities were defined in the Federal Power Act as generators meeting FERC requirements for renewable fuel use, fuel efficiency, and reliability. Qualifying cogeneration facilities had to meet similar FERC ownership and operational requirements.

The intent in establishing qualifying facilities was to increase the available sources of electric supply, while at the same time promoting renewable and alternative energy. To encourage entry into the market, Congress exempted QFs from most of the regulatory and administrative burden which had previously rendered entry into the electricity market prohibitive for smaller entities.

Most importantly, QFs were guaranteed a market for their power. As mentioned above, utilities were required to purchase power from QFs at their own long-run avoided cost rates. This marked a substantial departure from traditional rate regulation, which had been based on the seller's cost (rather than the purchaser's cost) of producing the power.

Current efforts to repeal or reform PURPA center around this mandatory purchase obligation (Section 210). Its critics claim it is anticompetitive because the Government created an "artificial market," and anti-consumer because many studies have estimated that PURPA has caused utilities

to pay billions of dollars over the market price of power for QF purchases.⁶ As with PUHCA, the primary debate centers not around the issue of whether reform is needed, but rather whether it should be achieved through stand-alone legislation or as part of comprehensive restructuring legislation.

In the 105th Congress, one bill has been introduced which would prospectively repeal PURPA's mandatory purchase requirement as a stand-alone measure; existing contracts, however, would not be affected. The Ratepayer Protection Act, introduced by Representative Stearns in January 1997, additionally calls for full recovery of costs associated with mandatory QF power purchases prior to January 7, 1997. As with PUHCA, most opponents of this bill cite the need for full competition to be in place before such legislation is enacted in order to prevent monopolistic abuses. In addition, the National Association of Regulatory Utility Commissioners opposes Stearns' bill because it would allow FERC to prevent utilities from absorbing the costs associated with PURPA contracts.⁷

PURPA reform is also a part of other comprehensive restructuring plans before Congress. S. 237, introduced by Senator Dale Bumpers, provides that Section 210 of PURPA would not apply to any facility beginning commercial operation after December 15, 2003, the date by which Bumpers' bill mandates full retail competition. HR 655, introduced by Representative Dan Schaefer, provides that Section 210 would not apply to electric utilities:

if the State makes a determination that the retail customers of such utility in such State are able to purchase electric energy at retail from any person offering electric energy to the purchaser on a competitively neutral and nondiscriminatory basis and if the State notifies the Commission [FERC] of such determination.⁸

⁶Energy Information Administration, The Changing Structure of the Electric Power Industry: An Update, December 1996, pp. 41-42.

⁷Congressional Research Service, "Electricity: The Road Toward Restructuring," Issue Brief No. 96003, March 24, 1997, p. 10.

⁸H.R. 655, "Electric Consumers' Power to Choose Act of 1997," 105th Congress, 1st Session (February 10, 1997), p. 46.

The Consumers Electric Power Act of 1997 (HR 1230), introduced by Representative Tom De Lay, contains a substantially similar provision exempting utilities from PURPA once full competition is in place. Further discussion of these bills is provided in a subsequent section.

Activity to reform or repeal PURPA has also spurred debate on the future role of alternative and renewable energy, and the Government's role in ensuring fuel diversity and environmentally conscious technologies. Concerns exist that without the mandatory purchase provisions of PURPA which ensure a market for the power generated by alternative and renewable energy, there will be insufficient incentive for utilities and other power producers to continue to develop and utilize alternative energy technologies. Legislation has therefore been proposed to ensure that these goals continue to be met in a newly competitive market. Similar bills have been proposed in both houses of Congress to create a National Electric System Public Benefits Fund. The fund would provide matching grants to states for the support of conservation, energy efficiency, renewable energy, and universal service programs. Under HR 1359 proposed by Representative Peter De Fazio, the program would be funded by charges collected by transmission utilities from generators. The charges, which would be limited to 2 mills per kWh, are intended to provide half of the aggregate cost of carrying out the eligible programs. Senate Bill 687, introduced by Senator Jim Jeffords (R-VT), includes an additional provision specifying a percentage of the total amount of electricity sold by covered generation facilities that must come from renewable energy sources. The percentage would increase gradually from 2.5 percent in 2000 to 20 percent in 2020. The bill would also repeal the cogeneration and small power production provision of PURPA effective January 1, 2000.

Additional provisions regarding renewable and alternative energy standards are included in the comprehensive restructuring legislation described in the following section.

Table 3.2 summarizes the arguments surrounding PURPA repeal.

Table 3.2

The Pros and Cons of PURPA Repeal

Against Repeal	For Repeal
<ul style="list-style-type: none"> • There is no guarantee that a free market can sustain the goals of PURPA, especially in the use of cogeneration and renewables. • Our nation must be able to handle another energy crisis through fuel diversity. • Incentives must remain in place to conserve energy and to use more environmentally benign fuels. • Qualifying facilities bring increased reliability and decrease the need for large costly plants. • At this point, utilities still have too much market power, and PURPA levels the playing field for nonutilities. • Immediate repeal is a piecemeal approach -- repeal should be included in comprehensive industry restructuring legislation. 	<ul style="list-style-type: none"> • PURPA is anticompetitive because utilities are <i>required</i> to purchase from QFs, • EPAct's provisions for exempt wholesale generators render PURPA obsolete. • PURPA has resulted in high prices to consumers because QF contract terms were lengthy and were based on erroneous forecasts of high capital costs and increases in demand and the price of natural gas. • PURPA's goals have already been achieved. • If natural gas will be the fuel of choice as predicted, the environment will not need PURPA's strict protection since natural gas is the least harmful fossil fuel. • Cogenerators and renewables have already gotten a foothold and do not need further promotion. • Immediate repeal is necessary; it will take too long if it is contained in comprehensive industry restructuring legislation.

Source: Energy Information Administration, *The Changing Structure of the Electric Power Industry: An Update*, December 1996, p. 42.

3.3.4 TRANSMISSION ACCESS PROVIDED BY EPACT

Under EPAct, the FERC was granted broad new authority to order utilities under their jurisdiction to provide transmission service when requested to do so by eligible entities. Section 211 of the Federal Power Act (FPA) was amended to permit eligible utilities to seek an order from the FERC ordering transmission access. Section 211 also included a provision that such an order could not be issued if it would unreasonably impair the reliability of the electric systems affected by the order.

Section 212 of the FPA was amended to give the FERC authority to set the terms and conditions of the transmission service ordered under Section 211. Significantly, Section 212 prohibited the FERC from issuing any transmission order that was inconsistent with retail marketing areas. Specifically, Section 212(h) prohibited the FERC from ordering transmission service directly to an ultimate consumer, i.e., the FERC could not order retail wheeling.

As written, Sections 211 and 212 are case-specific. Each eligible entity requiring transmission service must apply to the Commission for an order seeking access. Ultimately, the Commission determined that its power under Sections 205 and 206 of the FPA to remedy undue discrimination enabled it to adopt the generic approach articulated in Order 888, which required all utilities to file open access transmission tariffs.

3.3.5 COMPREHENSIVE RESTRUCTURING LEGISLATION

There are currently four bills before the Congress which can be considered “comprehensive” electric industry restructuring legislation (i.e., establishing a national focus for the evolution of the competitive electricity marketplace): HR 655, The Electric Consumers’ Power to Choose Act of 1997 (Schaefer); HR 1230, The Consumer Electric Power Act of 1997 (DeLay); HR 1960, The Electric Power Competition and Consumer Choice Act of 1997 (Markey); and S 237, The Electric Consumers Protection Act of 1997 (Bumpers). Each is described below.

HR 655, The Electric Consumers’ Power to Choose Act of 1997 (Schaefer)¹⁹

Representative Schaefer’s bill, generally considered to be the primary restructuring bill for competition proponents, would require full retail competition for all customers in the United States by December 15, 2000. Implementation would be left to the individual states; however, if a plan is not developed within six months of the bill’s passage, FERC would impose their own plan, thus preempting any state law inconsistent with the exercise of such authority. Two-year extensions would be made available for states which would require enabling legislation prior to taking further

¹⁹Schaefer (R-CO) is the Chairman of the House Subcommittee on Energy and Power.

action. Stranded cost recovery and decisions about public benefits programs, low-income assistance, conservation, and environmental protection would be left entirely to the states. PUHCA and PURPA would both be repealed prospectively. Renewable energy resources would be encouraged through a credit trading program under which all generators of electricity which sell their power must have credits (issued by FERC) equal to two percent of their generation (increasing to three percent in 2005 and four percent in 2010). The bill does not mention the creation of independent system operators or power exchanges.

HR 1230, The Consumer Electric Power Act of 1997 (DeLay)

This bill requires full retail access for all customers across the United States by January 1, 1999, and would prospectively repeal PURPA and PUHCA once the market is competitive. In addition, it outlines the performance objectives of transmission and distribution systems in a competitive environment. Congressman DeLay's bill strengthens State authority in the areas of universal service for customers, universal access for providers, and conservation programs. Most controversially, the bill eliminates all stranded cost recovery and exit fees. For this reason, the bill is given little chance of passage.

HR 1960, The Electric Power Competition and Consumer Choice Act of 1997 (Markey)

Congressman Markey's bill mandates states to open their electricity markets to competition, but it does not specify a deadline or provide an implementation plan or guidance on stranded cost recovery. The bill exempts utilities from PUHCA and PURPA once the transition to a competitive market in their state has been achieved. It also includes changes in transmission pricing through the enactment of "postage stamp" rates which would allow power to be transmitted anywhere within a region for a single rate, and prevent individual transmission line owners from adding charges. Congressman Markey's proposal also includes the establishment of a disclosure system by 1999 which would require electric utilities to provide information on prices, sources of generation, and emissions to consumers upon demand. The bill would establish a Federal Renewables Portfolio Standard that would start at three percent of national supply and grow to ten percent by 2010. In addition, HR 1960 includes a net metering provision which would encourage states to pass laws

allowing homeowners with solar cells on their homes to sell excess power to their utility and thus reduce their electric bills.

S 237, The Electric Consumers Protection Act of 1997 (Bumpers)

S 237 would mandate full competition in the electric industry across the United States by December 15, 2003. Unlike the other competition bills before Congress, Senator Bumpers' bill is the only one to provide for full stranded cost recovery. For this reason, it has garnered the most support from utilities and others who favor a slow transition to competition. The bill calls for recovery through a non-bypassable charge imposed on distribution and retail transmission customers, and also includes a provision which grants FERC authority to hear appeals from utilities who have been denied stranded cost recovery by state regulators. Cost shifting among customer classes is forbidden. Where utilities serve more than one state, customers can only be charged for stranded costs allocable to the utility's operations in their state.

Senator Bumpers' bill is also the most wide-ranging proposal currently on the table; its other provisions include:

- FERC must establish "broadcast feasible" transmission regions and designate an ISO for each within two years of the bill's enactment, and must establish binding rules for governance and oversight of transmission regions and ISOs by January 1, 2002;
- By January 1, 2000, the EPA must submit a report to Congress on air pollution standards for competitive generation;
- By January 1, 2003, retail electricity suppliers must get five percent of their power from renewable sources (including hydroelectric power); this will increase to nine percent in 2008, and twelve percent in 2013;
- FERC will be required to establish a National Renewable Energy Trading Program, which will promote research, development, and construction of non-hydro renewable facilities; and
- PUHCA would be repealed one year after the bill's final passage.

Recently, Senator Slade Gorton (R-WA) has joined with Senator Bumpers to revise S 237, and the measure is expected to be introduced in September 1997. Among the proposed changes is an earlier national deadline for retail wheeling than the December 2003 date in the current version. In addition, there is expected to be an explicit definition of stranded costs included.

3.3.6 LEGISLATIVE PROSPECTS

Proponents of the various electric restructuring proposals face considerable challenges in securing passage of any of the proposed legislation in this session of Congress. While Representative Thomas Bliley (R-VA), the Chairman of the House Commerce Committee which oversees Energy and Power, has publicly declared that legislation is likely to be passed by the House in 1997, others including Speaker of the House Newt Gingrich have argued that electric restructuring will take a back seat to other issues.

At the present time, only one of the pieces of restructuring legislation has emerged from committee -- S 621, the Public Utility Holding Company Act of 1997. While its sponsor, Senator Alphonse D'Amato, was able to push the bill through his own Banking Committee quickly, he is likely to face several obstacles when the bill comes before the full Senate, most likely in the early fall of 1997. His chief opponent is Senator Dale Bumpers, who has introduced his own legislation, and favors a repeal of PUHCA as part of a comprehensive reform package. Senator Bumpers was successful in keeping the bill from coming to a vote in the last Congress.

Senate hearings on restructuring legislation before the Energy and Natural Resources Committee in June 1997 have also highlighted the lack of consensus -- and thus momentum -- on the deregulation issue in Congress. Widespread support for a federal restructuring mandate is still questionable; many legislators have continued to push for state and regional initiatives. Reflecting this sentiment, Senator Craig Thomas (R-WY) has introduced a legislative proposal entitled "The Electric Utility Restructuring Empowerment and Competitiveness Act of 1997" which empowers states to make competitive changes themselves. Still others, unhappy with the legislation currently

before Congress, are contemplating restructuring initiatives of their own -- including Senators Frank Murkowski (R-AK), Phil Gramm (R-TX), and Don Nickles (R-OK).

A recent EIA report may further complicate the restructuring debate in Congress. EIA has taken the position that although competition could reduce electricity prices in the short-term nationwide by 6 percent to 20 percent, prices under competition will likely increase in low-cost regions in the Pacific Northwest and the Midwest. The Senate Energy & Natural Resources Committee is dominated by members representing low-cost states in these regions. Of the 20 members on the panel, only two are from states east of the Mississippi (low-cost Kentucky and Florida), and none represent California.

A restructuring proposal from the Clinton Administration is also anticipated though no timetable has been offered for its announcement. The White House proposal is expected to include a provision which would allow states to "opt out" of a federal retail wheeling mandate if they determine participation is not in their best interests.²⁰

3.3.7 STATE INITIATIVES

Following the enactment of the Energy Policy Act of 1992, state regulatory commissions and legislatures across the United States first began to address in earnest the potential costs and benefits of electric industry restructuring and the regulatory and legislative changes necessary to implement the transition to a competitive electricity market. Although the extent and pace of this activity has varied considerably across the fifty states, no state has been able to completely avoid a consideration of the implications of competition in the electric utility industry. Of the forty-eight states (and the District of Columbia) under consideration in this report, as of August 1997, forty-one have ongoing regulatory activity, and twenty-two have passed some form of legislation related to electric industry restructuring. However, of this number, only ten states can be considered to have enacted legislation

²⁰"EIA Competitive Price Projections Seen Influencing Pending Debate in Congress," Electric Utility Week, August 18, 1997, pp. 1, 8-9.

or formulated final regulatory plans which definitively mandate the introduction of competition into their electric utility industries. These states are Arizona, California, Maine, Michigan, Montana, Nevada, New Hampshire, New York, Pennsylvania, and Rhode Island. A summary of the legislative and regulatory activity in each of the fifty states is included as Appendix B of this report.

Several issues have dominated the restructuring agenda on the state level. Most notably, these include:

- Estimation and recovery of stranded costs;
- The timetable for implementation;
- The pricing of transmission and distribution services; and
- The new industry structure, including functional unbundling requirements, and creation of independent system operators and power exchanges.

Consensus on these issues has proven extremely difficult to attain. While state commissions have typically engaged in protracted discussions with industry stakeholders prior to the formulation of any restructuring plan, states have been hard-pressed to balance the competing concerns of consumers and utilities, particularly when the cost of compromise can potentially be measured in billions of dollars. For this reason, it must be noted that even for states which have established "final" restructuring plans, these plans have been and will continue to be subject to judicial challenge, which may alter their implementation.

The experiences of California, Michigan, and New Hampshire are highlighted below to show some of the divergent restructuring approaches being taken by states.

California -- No state will be more carefully watched than California when it comes to the implementation of retail electric competition on January 1, 1998. All customers will be granted immediate access to the electric supplier of their choice; a proposed four-year phase-in period was scrapped by the California Public Utilities Commission (CPUC) in May 1997. In addition, the CPUC also will allow competitive suppliers for metering and billing services to begin competing

for commercial business beginning January 1, 1998. All other customer classes will be able to competitively access these services starting January 1, 1999

To ensure that residential and small business customers receive immediate benefits from competition, under the terms of Assembly Bill 1890, California utilities must cut their rates to these customers by no less than ten percent (net of stranded cost recovery) by the start of competition on January 1, 1998, and by twenty percent by January 1, 2002. The California plan, as specified in AB 1890, also calls for full stranded cost recovery by state utilities through a nonbypassable competitive transition charge collected through March 2002. Stranded costs are to be calculated on a utility-by-utility basis, and utilities will be required to mitigate their stranded costs.

California utilities will be required to functionally unbundle their operations, i.e., run their transmission, distribution, and generation operations as if they were separate companies. They will also be required to divest a portion of their generating capacity to increase the number of competitive suppliers in the marketplace.

With respect to transmission, grid operation and generation dispatch will be performed by a nonprofit, independent system operator and a power exchange. In accordance with FERC Order 888, transmission pricing will be cost-based. Market prices will differ from zone to zone within the state because transmission capacity between zones is limited.

Distribution services will be priced under a performance-based rate mechanism (PBR). Under a PBR system, prices are linked to a key economic index adjusted for expected increases in productivity. Distribution companies can earn profits by reducing costs at a rate greater than the expected increase in productivity. These gains may be shared with ratepayers under a formula approved by state regulators.

Michigan-- Unlike the immediate access to competition granted by California, direct access in Michigan will be phased in gradually, with new allotments of 2.5 percent of the total load of the

major utilities opening to competition each year through 2001. By 2002, any customer in the state who wants customer choice will be eligible to have it.

The rationale behind phasing in competition is that it will afford the utilities an opportunity to mitigate stranded costs. If, during the years before 2002, more than 2.5 percent per year of utility customers want to select alternative suppliers, those who will be allowed to choose will be selected by competitive bidding of stranded costs. A customer wishing to leave the utility system will submit a bid to the Michigan Public Service Commission (MPSC) on how high an "exit" fee it is willing to pay. The Commission will then select the highest bidders until the 2.5 percent allocation is filled for that year. By 2002, when all customers are eligible for choice, stranded costs will be determined on a cost basis.

The MPSC has concluded there are two possible approaches to recovering stranded costs in Michigan. The preferred option is to "securitize" the asset and provide a rate reduction for all customers. Stranded costs not recovered through rate reduction bonds will be recovered through a transition charge billed to direct access customers through 2007.

Unlike California, Michigan's restructuring plan does not include comprehensive treatment of distribution and transmission services. The MPSC hopes that its protracted implementation schedule will allow sufficient time for the establishment of a Midwest regional independent system operator, negotiations for which are currently underway. In addition, the plan expresses interest in performance-based ratemaking for non-generation services to provide incentives for maintaining quality and reliability, but does not include any specific proposals.

However, there was not even consensus among MPSC commissioners as to whether the Commission even had the authority to order retail wheeling. The order included a dissenting opinion by Commissioner John Shea who wrote:

If regulated companies do not agree with the proposals in the accompanying order, I believe that the regulated community is free

to ignore those proposals. If the Commission's authority is limited as I suspect, then the accompanying order is of no practical consequence. It simply constitutes the "wish list" of those Commissioners who sign it, but it will not cause any change in the way electric utilities are regulated in Michigan unless assented to.²¹

In response to this opinion, Consumers Energy and Detroit Edison, the state's two largest investor-owned utilities, filed documents which stated that they could not legally be compelled to provide direct access and threatened to withdraw their restructuring proposals if the MPSC did not accept their terms and conditions.²²

In addition, the Michigan Attorney General and two leading consumer organizations -- The Association of Businesses Advocating Tariff Equity (ABATE) and The Residential Ratepayer Consortium (RRC) -- filed suit against the MPSC, Consumers Energy, and Detroit Edison to cease restructuring hearings until such time that it can be determined that the MPSC has the authority to order retail wheeling. Unlike the majority of states where retail competition is scheduled to be introduced, the Michigan state legislature has not passed any legislation mandating retail wheeling; the Commission has acted under its own authority.

New Hampshire -- On May 22, 1996, New Hampshire became the first state to enact legislation mandating the implementation of full retail competition for all customer classes by a set date in mid-1998. The subsequent plan issued by the state PSC on February 28, 1997, moved this date forward to January 1, 1998.

New Hampshire utilities, unlike those in California, will have to fully divest all of their generation assets if they wish to become distribution services providers. Distribution services are

²¹Dissenting Opinion of Commissioner John C. Shea, In the matter, on the (Michigan Public Service) Commission's own motion, to consider the restructuring of the electric utility industry, Case No. U-11290, June 5, 1997, p. 53.

²²Electric Utility Week, August 18, 1997, pp. 9-10.

to be priced through some form of PBR mechanism. Transmission services will be priced through a regional transmission tariff with adjustments for transmission constraints (i.e., congestion charges). The plan also calls for the creation of an independent system operator and power exchange.

New Hampshire legislators left decisions regarding stranded cost recovery entirely to state regulators, who have taken one of the more stringent approaches to the issue. Arguing that the intent of restructuring is to lower electricity rates, the New Hampshire PUC claims that full cost recovery is not compatible with this goal. As it currently stands, utilities will be allowed to recover about sixty percent of their mitigated stranded costs.

Northeast Utilities (NU), PSNH's parent, has asked a court to prevent the implementation of the PUC's order. NU argued that the PUC's method of calculation for determining stranded cost recovery, which was based on a regional market price of power rather than the cost of generation, would drive NU into bankruptcy. The court has issued an order restraining the PUC indefinitely from proceeding with any portion of its restructuring plan dealing with PSNH's stranded cost recovery.

The PUC decided in May 1997 to suspend its restructuring plan and all of its interim stranded cost orders because of filings received from seventeen parties requesting a rehearing of its February order. Negotiations have been reopened over stranded cost recovery, and the issue continues to be fought in Federal Court. The introduction of competition is likely to fall back to the original July 1, 1998, date specified in legislation.

Despite the controversy over its implementation plan for full retail access, New Hampshire is currently in the middle of a two-year retail pilot program, which is scheduled to end in July 1998. The program requires each utility to allow 3 percent of its load, allocated among all customer classes, to be served by competitive suppliers. Over thirty electricity suppliers are participating in the program. The fight for the few large commercial and industrial loads has proved so fierce that many received price quotes well below the market cost of power.

Table 3.3 summarizes the provisions of the implementation plans of the ten states which have mandated competition. Further discussion of the issue of stranded costs is provided in the next section.

3.3.8 STRANDED COSTS

The most troublesome issue confronting regulators and legislators in introducing retail competition to the electric industry is the estimation and recovery of stranded costs. FERC has defined stranded costs as “any legitimate, prudent, and verifiable costs incurred by a public utility to provide a service to a retail or wholesale customer that subsequently becomes, in whole or in part, an unbundled transmission services customer of that public utility or transmitting utility.”²³ These can be broken down further into four categories:

- **Stranded assets** -- generation investments and related assets that become uneconomic in an era of competition and which cannot be sold for some reason;
- **Stranded liabilities** -- contracts with unregulated generators or fuel suppliers;
- **Regulatory assets** -- deferred expenses which are listed as assets on the balance sheet in return for the promise by regulators that the utility will be able to recover them at a later date; and
- **Stranded social programs** -- programs that the utility has undertaken by virtue of its position as a regulated monopoly -- i.e., universal service, demand-side management, cross-subsidized pricing -- that would not prove economic in a competitive market.²⁴

In a regulatory environment, utilities were guaranteed the opportunity to recover their prudently incurred investments in generating facilities on the basis of their original costs, less

²³Federal Energy Regulatory Commission, Notice of Proposed Rulemaking, “Recovery of Stranded Costs by Public Utilities and Transmitting Utilities,” Docket No. RM94-7-000, June 6, 1994.

²⁴Energy Information Administration, “The Changing Structure of the Electric Power Industry: An Update,” December 1996, p. 78.

adjustments for depreciation. However, in a competitive marketplace, assets are valued only on the basis of their current and future income streams. Because generating capacity can now be built and operated at costs substantially lower than the embedded costs of some utilities, consumers would have no incentive to purchase from these higher-cost utilities. Thus, utilities would not have a reasonable opportunity to recover the unamortized portion of the historical cost of their assets -- i.e., their "stranded costs." This in turn could place a utility's continued operations in jeopardy unless the utility could find some way to collect these costs -- either from departing customers or from the remaining customer base.

For this reason, stranded cost recovery has become the key issue for utilities whose view is that they incurred the costs necessary to serve their customers based on the promise of the regulatory compact that they would be permitted to recover their investment, and they will not willingly go along with a move to a competitive marketplace without reasonable assurances that this guarantee will be upheld. In recognition of the regulatory compact, FERC has established the principle that utilities are entitled to full recovery of their "legitimate, prudent, and verifiable" stranded costs at both the federal and state levels. With regard to retail stranded cost recovery, although the FERC asserts legal authority to address retail stranded costs that result when customers obtain retail wheeling in order to reach a different generation supplier, it will leave this as an exclusive matter for state regulators, except insofar as they may lack authority under state law to address the matter in the future when retail wheeling is required.

The primary question, therefore, revolves not on whether or not stranded cost recovery will be allowed, but rather on how it will be recovered and how much will be recovered. Establishing the value of stranded costs is no small undertaking. Estimates of stranded costs nationwide vary

tremendously, from as low as \$10 billion to as high as \$500 billion,^{25,26} and there is little consensus that figures at one end of the spectrum are any less valid than those at the other. It is generally recognized, however, that utilities in the Northeast and the West (primarily California) account for the bulk of the industry's total stranded costs. A 1996 DRI study placed the present value of stranded costs at 59 and 54 percent of the rate bases of New England and California respectively.²⁷

Several assumptions affect the projected levels of stranded costs. These include the timetable for transition to a competitive marketplace and thus the number of years used in computing stranded investments, the share of retail sales subject to competition, the projected market price of electricity, and the availability of reliable data regarding the level of utility plant investment and unamortized costs.²⁸ These decisions are being made on an individual basis by each state.

In order to recover stranded costs, both FERC and the states are requiring utilities to "mitigate" their stranded cost exposure. In some cases, proactive mitigation strategies are possible, such as renegotiating contracts with fuel suppliers. However, to the extent that stranded costs are equated with "sunk costs," they cannot be mitigated *per se*; rather, they can only be allocated in such a way that they are absorbed by different sets of stakeholders.

²⁵American Public Power Association, "Comments," in the matter of FERC Docket No. RM94-7-000, "Recovery of Stranded Costs by Public Utilities and Transmitting Utilities," December 6, 1994.

²⁶National Economic Research Associates, Rewriting the Rules of the Road: Retail Wheeling and Competition in Electric Generation, March 1994.

²⁷DRI/McGraw Hill, World Energy Service--U.S. Outlook: Fall/Winter 1996 (Lexington, MA), 1996, p. 44.

²⁸Energy Information Administration, "The Changing Structure of the Electric Power Industry: An Update," December 1996, pp. 78-80.

The National Regulatory Research Institute has prepared a briefing document for state commissions which highlights several potential stranded cost recovery strategies. These strategies, identified below, are classified as either transaction or non-transaction related.²⁹

Transaction-Related Stranded Cost Recovery Strategies

- Access charges (either fixed or variable) for transmission or distribution service to be paid by all customers; may prove difficult to implement due to need for interjurisdictional cooperation.
- Exit fees charged to departing customers on either a lump-sum or regular payments basis; this strategy enjoys the support of FERC.
- A share of net generation savings (the difference between the utility's embedded cost of generation and the generation price realized by departing customers) over a given period of time; may prove difficult to implement due to need for interjurisdictional cooperation.

Non-Transaction-Related Stranded Cost Recovery Strategies

- Shifting costs to captive customers; an extremely unpopular strategy unlikely to be implemented.
- Charging ratepayers above-market prices where market exceeds cost.
- Accelerated depreciation of generation or regulatory assets, possibly coupled with decelerated depreciation of transmission and distribution assets.
- Price cap on performance-based rates which would allow a utility to keep all or a portion of revenues resulting from cost-cutting efficiencies.

²⁹National Regulatory Research Institute, The Regulatory Treatment of Embedded Costs Exceeding Market Prices: Transition to a Competitive Generation Market-- A Briefing Document for State Commissions, November 7, 1994, pp. 45-56.

Other Broader Cost Recovery Strategies

- Entrance fees charged to new generation.
- A per kWh tax on generation to be paid by all sellers.
- Taxes to include credits for financial writedowns or trust funds to subsidize contract buyouts from non-utility generators.

An additional method of financing stranded cost recovery that has attracted a great deal of attention is securitization. Securitization involves replacing “higher-cost financing ... [that is,] a combination of equity and traditional utility bonds [typically rated approximately A to BBB] ... [with] lower-cost financing with securitized bonds rated AAA,” thus resulting in a net rate reduction for consumers.³⁰ This typically involves a four-step process:

1. The establishment of a trust, through legislation, which will issue bonds and assure payment of interest and principal through a charge on the delivery of power.
2. Funds generated from the sale of bonds are forwarded to the utilities.
3. These funds are used to reduce the amount of debt and equity on the utility’s balance sheet. Rates are reduced to reflect the resulting lower financing charges.
4. The utility collects securitization charges from all customers and forwards these to the trust for debt servicing.

At present, California and Pennsylvania have both passed legislation allowing securitization.

Concerns have been raised, however, that placing stranded cost recovery outside of the regulatory oversight of the individual state public service commissions may not be wise. Kenneth Rose, a senior economist at the National Regulatory Research Institute argues:

Securitization marks a form of permanent regulatory and market bypass. Estimating all future recovery today ignores future market price changes, provides poor incentives to mitigate uneconomic costs

³⁰Michigan Public Service Staff Report, p. 17.

and locks in a payment stream for the utility that may prove completely inappropriate in the future.³¹

According to Rose, the true beneficiaries of securitization will not be ratepayers, despite the fact that they may end up paying less in interest costs than they currently pay in rates depending on the length of debt and the equity terms being replaced. Under securitization, they would shoulder the entire burden of above-market costs as well as losing the supervision of regulators to ensure that these costs are mitigated. Utilities, on the other hand, get a guarantee protected by legislation that they will be able to remove all of their uneconomic costs from their books, thus placing themselves in an enviable competitive position. Finally, bond underwriters stand to make millions in profits, as some industry estimates place the market for these securitized assets as high as \$100 billion.³²

States are cautiously examining all of these proposed methods for stranded cost recovery and mitigation. At present, the timing of restructuring appears to be the largest single factor dictating the magnitude of stranded costs. California will prove an important test case in this regard. California has the country's single largest state stranded cost burden, yet it is implementing an immediate transition to competition. This approach goes against the conventional wisdom that delaying the onset of competition is the most effective way of minimizing stranded costs. Under a regulatory price scheme, utilities recover a portion of fixed costs each year -- thus every year under regulated prices reduces the level of "stranded" costs left to be recovered, assuming other controls on expenditures are in place. However, as noted earlier, the level of stranded costs is not really any different under regulation than under competition; rather, the transition to competition affects only who pays these charges and how they are recovered. California's ability to balance its proposed rate cuts for residential and small business customers with the nonbypassable Competitive Transition Charge instituted to recover stranded costs will likely set the stage for much of the debate over the

³¹Kenneth Rose, "Securitization of Uneconomic Costs: Whom Does It Secure?" Public Utilities Fortnightly, Vol. 135, No. 11, June 1, 1997. [*Quote obtained from electronic version of article; no page number available.*]

³²*Ibid.*

level, timing, and burden-sharing of stranded costs across the country in the months and years to come.

4. THE EFFECTS OF RESTRUCTURING ON DOD POWER SUPPLY COSTS

4.1 INTRODUCTION

This section describes the derivation of the estimated savings in electric power costs that DOD facilities may be able to realize over the next 15 years as a result of the introduction of retail customer choice and increased competition in the electric power industry across the United States. DOD facilities today purchase electricity principally from Investor-Owned Utilities (IOUs) at regulated rates subject to the jurisdiction of state regulatory commissions. It has become increasingly clear over the last few years that in many parts of the country such rates lie above competitive levels. This is attributable to numerous factors: large nuclear power plant cost overruns; power purchase contracts with non-utility generators (NUG) at prices above market levels; and overforecasts of customer demand. Under federal law, however, DOD facilities, in general, could not secure electricity from alternative suppliers. The decision by many states, either through legislation or through the efforts of regulatory commissions, to permit retail customers to shop for power should enable the government to secure electricity on the same competitive basis as other goods and services.

The magnitude of any savings realized through competitive acquisition of electricity will depend upon a number of factors. First, the ability to issue competitive solicitations to seek competitive prices for electricity will depend principally upon the pace at which retail customer choice is approved among the various states. At present, only a few states have adopted plans with a date certain for retail competition. Other states have announced general plans to consider the issue through legislation or with regulatory proceedings.

A second, and potentially more significant, impediment to the realization of cost savings, certainly in the short run, lies in the details underlying the implementation of retail, open access. Paramount among these details is the issue of stranded cost recovery. Stranded cost is the difference

between the regulated and market prices of electricity that utilities would be unable to recover if retail customers elect service from alternative suppliers.¹

Most of the states approving retail competition have included a proviso that utilities will be able to recover virtually all of their stranded costs through a so-called competitive transition charge (CTC). During the transition period, customers, while free to elect alternative suppliers, must continue to pay a CTC to their current supplier. In most instances, the required payment of stranded or transition costs will make it difficult to secure electricity from a competitive supplier at a more favorable price. The extent to which this is true will depend upon whether states permit the recovery of all, or only a portion, of stranded costs.

A third source of savings depends upon the rate plans that regulatory commissions appear to be requiring in return for allowing utilities the opportunity to recover stranded costs. In many states, utilities are freezing and/or reducing rates for certain rate freeze periods. During this time, the real (inflation adjusted) price of electricity to all affected retail customers falls, providing immediate short-run savings.

Finally, in the long-run, i.e., at the end of the stranded cost recovery period, the government will be able to purchase electricity from a competitive supplier. The long-run savings realized will depend upon the difference between the regulated price that would have eventuated in the absence of competition and the competitive price. As will be explained below, this difference, which is currently large in some regions of the country, will narrow considerably over time.

While the discussion above has centered on the differences between market and regulated prices as the source of savings, it is only that portion of electric rates that corresponds to the cost of generation (including purchased power) that is the real source of any savings to be realized. Utilities provide three basic functions in providing customers the bundled product that is called

¹See Chapter 3 for a full discussion of the stranded cost issue.

electric energy: generation, transmission, and distribution.² The generation function corresponds to the cost of generating plants (including the return on investment), the cost of fuel and other operating costs associated with generating electricity. This area is the focus of intense competition from alternative providers of electricity. The transmission function is associated with the movement of electricity from the generating stations to local neighborhoods and load centers at high voltages. Distribution refers to the facilities that transform electricity from high to low voltages and connect the transmission system to customers' premises. Transmission and distribution are generally considered to be natural monopolies whose prices will continue to be regulated. Under the FERC's open access orders, unbundled transmission rates will be under the jurisdiction of the FERC while distribution and customer accounting costs will continue to be under the jurisdiction of the states.

4.2 COST IMPACT FRAMEWORK

This section describes the detailed computations and hypotheses underlying the estimate of the power supply savings DOD may be able to realize from the ability to procure power competitively. The basic framework of our approach is described Section 4.2.1. This identifies the key parameters needed to estimate savings and also describes the approach we have taken. Section 4.2.2 describes a DOE study of competitive and market prices, the results of which are relied upon here. Finally, Section 4.2.3 describes the key assumptions underlying our analysis.

4.2.1 CONCEPTUAL FRAMEWORK FOR ESTIMATING COST IMPACTS

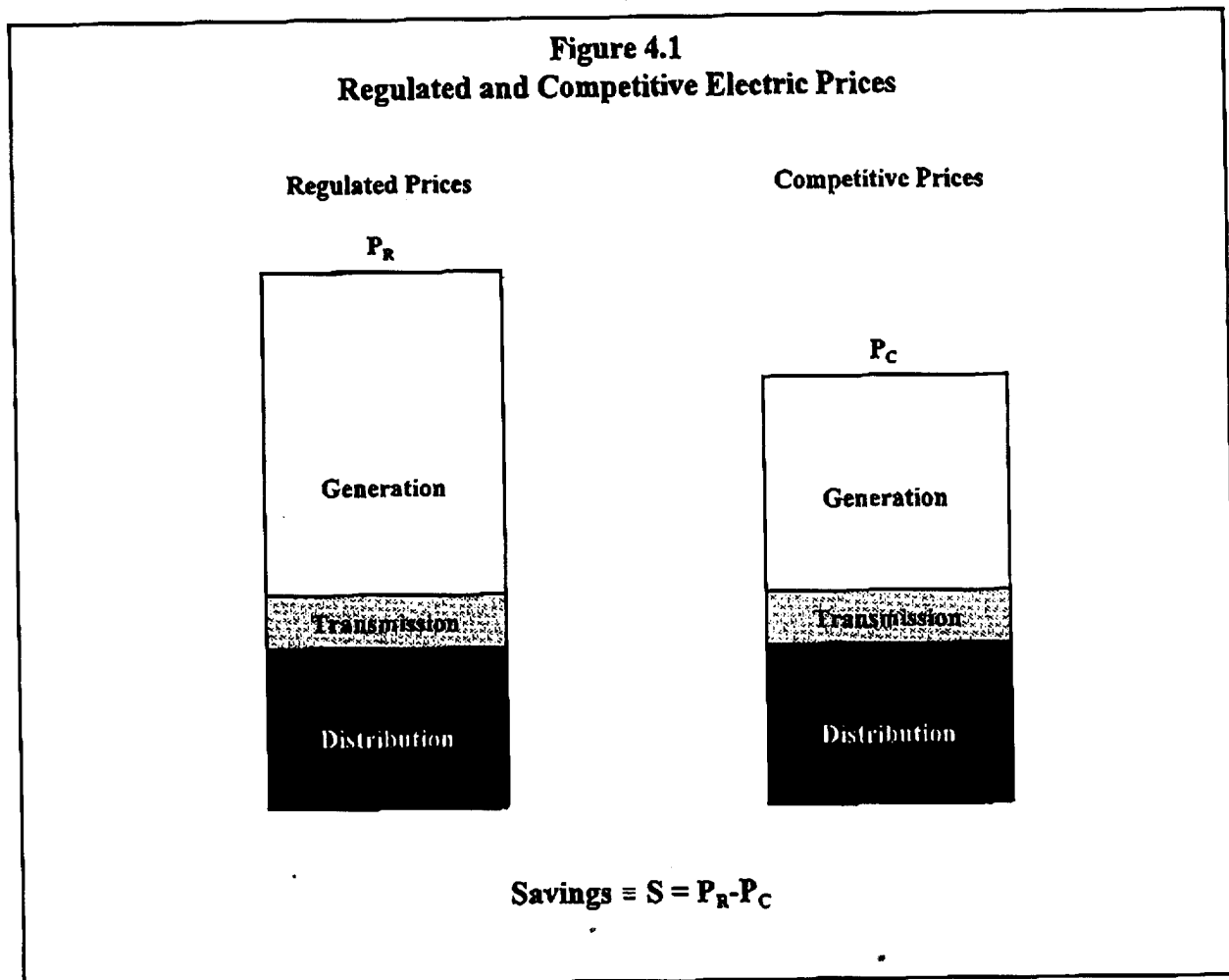
DOD facilities will be able to realize savings in their power bills because the market price of generation is less than the regulated price charged by many utilities. Generally, all customers electing to obtain power from alternative suppliers will continue to pay their host utility for transmission and distribution service, saving money only because competitive offerings in the bulk power market for generation are lower than the regulated price they had been paying to their host utility. The market price in many regions is lower than the regulated price because market price

²In addition, ancillary services are provided, including scheduling, power regulation, reserves, and other services.

reflects the utility's marginal cost, the cost to the utility of meeting the demand of another increment of power. In regions where there is considerable excess capacity, this figure may be not much higher than short-run marginal cost, the cost of meeting another increment of power demand without adding to the current capital stock, that is, without adding generating plant. As demands increase and use up any excess capacity, marginal cost would approximate long-run marginal cost, the cost of adding to the stock of generating plant.

Figure 4.1 is a schematic representation of the regulated and competitive charges that are likely to become available in the market once states permit retail competition. The difference between the two blocks is the power cost savings, in cents per kWh, that are the maximum savings that can be achieved. This is denoted as S , the difference between the regulated price P_R , and the competitive price P_C . The cost of transmission and distribution in Figure 4.1 is unaffected by the move to retail competition. The difference in these prices depicts the fact that a portion of the utilities' generating assets are uneconomic, with costs above market clearing levels, i.e., stranded costs.

While the results depicted in Figure 4.1 show positive savings for consumers, there are regions of the country where this is not the case. In the Pacific Northwest, the generation component of regulated electricity prices is very low and reflects the fact that electricity in the region is produced from largely depreciated hydro generation facilities with low operating costs. As load grows in this region and utilities respond by adding new generating capacity, marginal costs, and hence market prices, are apt to lie above regulated prices, leading to negative savings, i.e., prices would have to rise to match market levels.



The savings indicated conceptually in Figure 4.1 are unlikely to be realized by consumers because most state regulatory commissions appear ready to make utilities largely whole for the uneconomic investment in generating facilities on their books. Stated differently, utilities will be able to recover a large portion of their stranded costs from consumers. This will be accomplished by assessing all consumers a competitive transition charge (CTC) that would be part of rates and be equal to, or perhaps a little less than, the savings that would otherwise be achieved by purchasing power at competitive prices.³ All else equal, then, in jurisdictions where a separate CTC representing full stranded cost recovery is included as a part of electric rates, the advent of retail

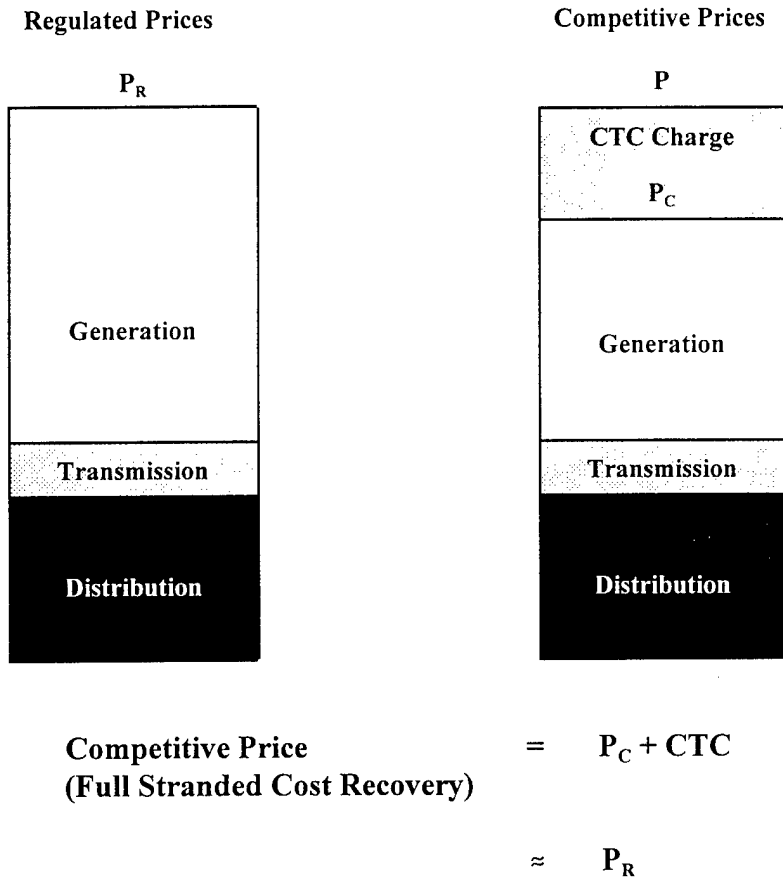
³A discussion of the mechanisms available for the recovery of stranded investment costs is presented on pages 3-30 to 3-31.

competition will provide little if any immediate cost savings for the government. Figure 4.2 shows the rates under retail competition if full stranded cost recovery is allowed. Notice that such rates almost by definition match regulated rates. All else equal, during the transition period while consumers are paying a CTC, no savings would be realized.

Finally, at the end of the transition period, prices will fall to competitive levels, and the savings indicated in Figure 4.1 should be realized. Since this will not occur for several years in most states, however, it is unclear that such savings will be large. Over time, regulated prices would be expected to fall as generating facilities become increasingly depreciated. Increases in loads will also reduce unit electricity costs as costs are spread over more units of demand. At the same time, market prices should rise over time. As available capacity is used up through load growth, utilities will be forced to build new plants so that market prices will move from short-run to long-run marginal costs.

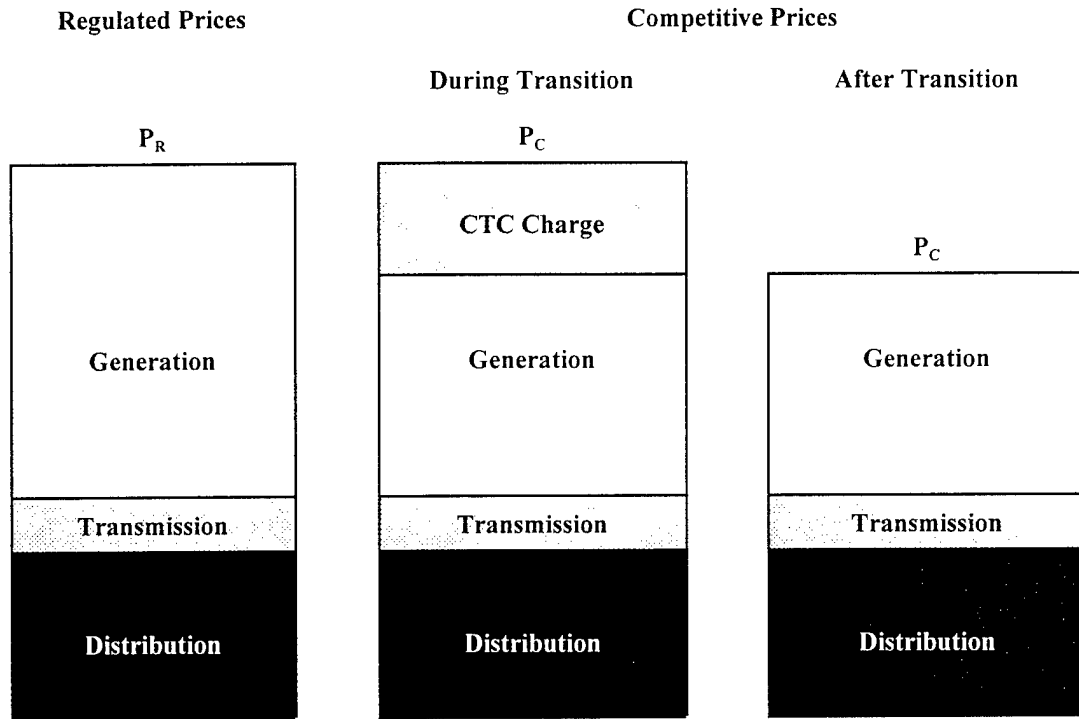
The schematic presentations in Figures 4.1 and 4.2 suggest that there will be little or no cost savings during the transition period when CTC charges are being collected. Following the transition period will be a period characterized by prices falling to market prices, with perhaps only a small level of savings reflecting the confluence of market and regulated prices over time. A review of the proceedings in several states that are implementing retail competition suggests another, slightly different scenario. Many states are requiring utilities to freeze or even lower their retail rates, perhaps as an implicit *quid pro quo* for being allowed to recover stranded costs during the transition period. In real (inflation adjusted) terms, of course, a rate freeze means that electric rates will fall over time. Implicitly, a rate reduction or rate freeze appears to reduce utilities' stranded cost recovery. For utilities to provide their investors the same return at the reduced real price, they must become more efficient during the transition period. Absent this increase in efficiency, investors' returns could fall.

Figure 4.2
Competitive Prices With Full Stranded Cost Recovery



The cost savings that DOD facilities may be able to realize once retail competition is permitted in a state are depicted schematically in Figure 4.3. This shows a real reduction in rates during the transition period to be followed by a further reduction to market clearing levels thereafter. The actual savings to be developed on the basis of Figure 4.3 will depend upon the estimated time profile of the regulated and competitive prices during the 15-year analysis period (1997 through 2011).

Figure 4.3
Competitive Prices During and After Transition Period



Competitive Price	=	$P_C + CTC, \leq P_R$	During
(Full Stranded Cost Recovery and Rate Freeze/Rate Reduction)		Transition	
	=	$P_C < P_R$	After
		Transition	

The mechanism described above is designed for application to states that have not explicitly spelled out the approach that will be used to permit consumers to enjoy the advantages of competitive prices. The assumptions required to apply this methodology are described below.

Where states have provided an explicit blueprint for implementing retail competition, that information was incorporated into the calculation of savings.

4.2.2. THE EIA ANALYSIS

This section describes briefly the basis for the regulated and competitive prices that are at the heart of the savings computations outlined above. The magnitude and time profile of these charges on a state-by-state basis are provided in a report prepared by the Department of Energy's Energy Information Agency (EIA). In a report entitled Electricity Prices in a Competitive Environment: Marginal Cost Pricing of Generation Services and Financial Status of Electric Utilities, A Preliminary Analysis Through 2015, EIA compares regulated and competitive prices for electricity among the various electric reliability council regions in the U.S. under alternative scenarios.

The EIA analysis rests on a number of important assumptions. First, retail competition is assumed to be implemented nationwide beginning on January 1, 1998. This does not impede the use of the EIA results. The EIA reference forecast is identical to that in EIA's 1997 Annual Energy Outlook (AEO97). The AEO97 estimate of regulated prices assumes cost reductions result from competitive pressures in wholesale markets and preparations for impending retail competition. The Reference Case then maps out regulated prices under limited competition, adjusted to reflect a moderate customer response to lower prices. The average escalation rate of these average prices are the ones that would be applicable to DOD facilities.

Competitive prices in EIA's analysis are equal to the marginal cost of generation, a reliability adjustment, and the regulated price of transmission and distribution service. In periods when demand exceeds the available supply, prices could rise above marginal cost. The reliability adjustment is the value that consumers place upon a reliable electricity supply during such periods. In EIA's modeling exercise, marginal generating costs are developed through the use of a planning model that considers customer loads and the current mix of generating capacity and adds generating

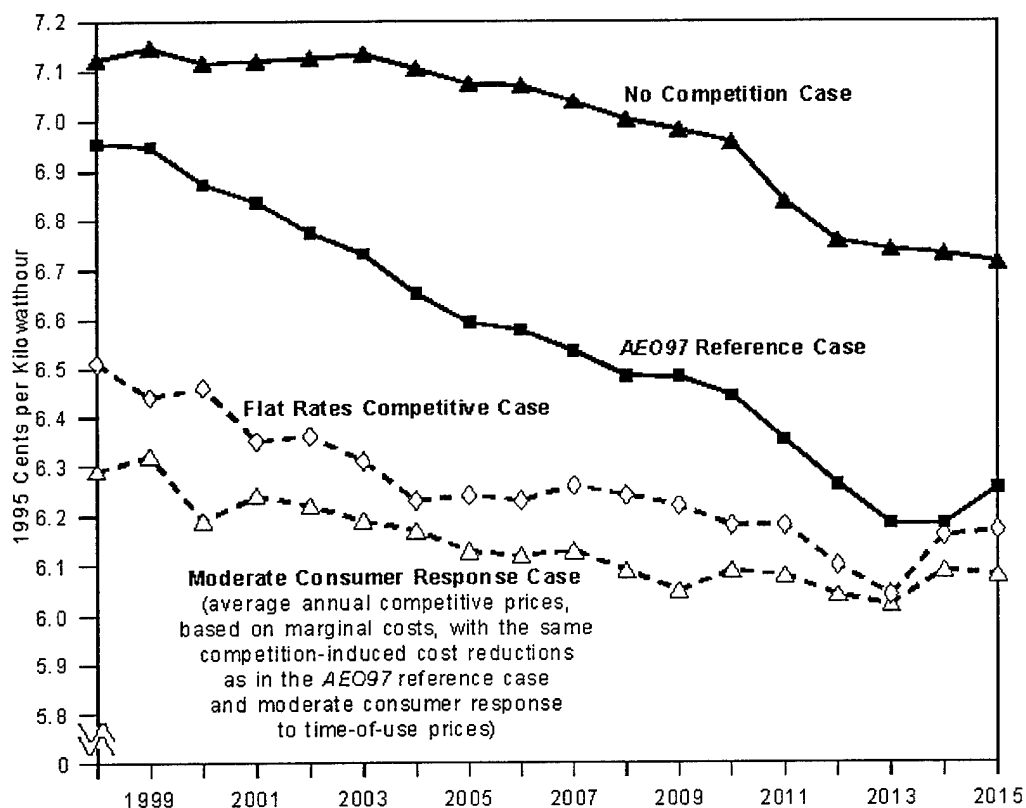
capacity only when it is profitable to do so. This involves numerous assumptions about fuel prices, other operating costs, and the capital costs of various kinds of new generating facilities.

Once marginal generating costs have been developed, EIA presents several alternative scenarios for the evolution of competitive prices. The one on which our analysis relies assumes that competitive prices are designed on a time-of-day basis and that there is a moderate consumer response to those prices. In other words, consumers faced with high on-peak prices will respond by shifting some of their usage to off-peak periods, when electricity prices are lower.

Figure 4.4 shows EIA's national average regulated and competitive prices for two separate scenarios over the 1998 to 2015 period. Regulated prices are presented for the No Competition Case as well as the Reference Case. The Reference Case assumes that utilities respond to competitive pressures in wholesale power markets and take other steps in anticipation of the onset of retail competition. Neither of these regulated price scenarios includes an elasticity of demand adjustment to reflect any response by consumers to lower prices. The competitive prices in the "Flat Rates" case assumes there is no time-differentiation of rates and there is no load shifting among diurnal pricing periods. Competitive prices in the moderate consumer response case are based on the assumptions of time-differentiated rates together with a moderate consumer response that is produced using a small, -0.15, price elasticity of demand.⁴ Over time, these results indicate that regulated and competitive prices tend to converge.

⁴The price elasticity of demand is defined as the percentage change in quantity divided by the percentage change in price.

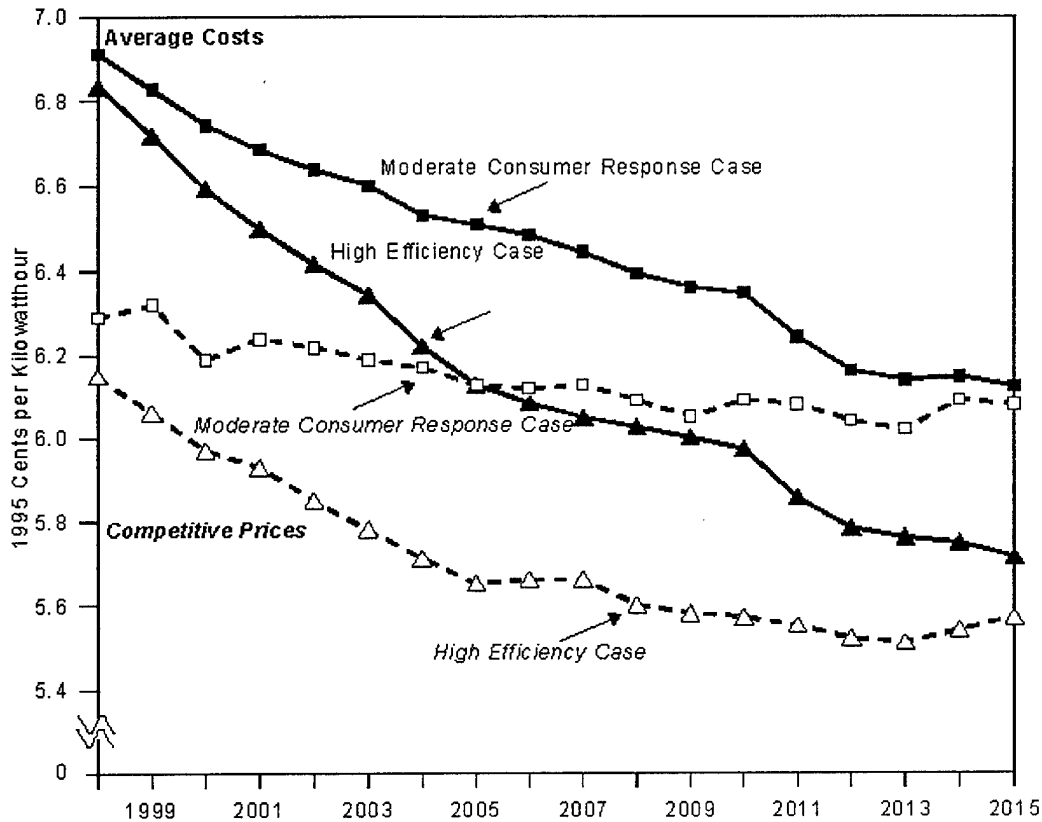
Figure 4.4
EIA - Forecasted Regulated and Competitive
Electric Power Prices



Source: Energy Information Administration, Office of Integrated Analysis and Forecasting, National Energy Modeling System and Prototype Value of Capacity Model, run sets AEOAVG2 and E15V03, and National Energy Modeling System, runs GAFLAT.D060497A and AE097B.D100296K.

Figure 4.5 shows EIA's results for national average prices where the EIA Reference Case has been replaced by one showing a moderate consumer response (top curve). This adjusts the Reference Case by incorporating the effects of a -0.15 price elasticity of demand. The other curves in Figure 4.5 are high efficiency cases, which reflect the effect of significant increases in utility efficiency. The analyses in this report rely upon differences in prices between the average prices in the Reference Case adjusted for a moderate consumer response and the competitive prices using time-

Figure 4.5
EIA-Forecasted Regulated and Competitive
National Average Electric Power Prices



Source: Energy Information Administration, Office of Integrated Analysis and Forecasting, National Energy Modeling System and Prototype Value of Capacity Model, run sets AEOAVG2 and E15V03, and National Energy Modeling System, runs GAFLAT.D060497A and AE097B.D100296K.

differentiated rates and a moderate consumer response. These are the topmost regulated and competitive price series in Figure 4.5.

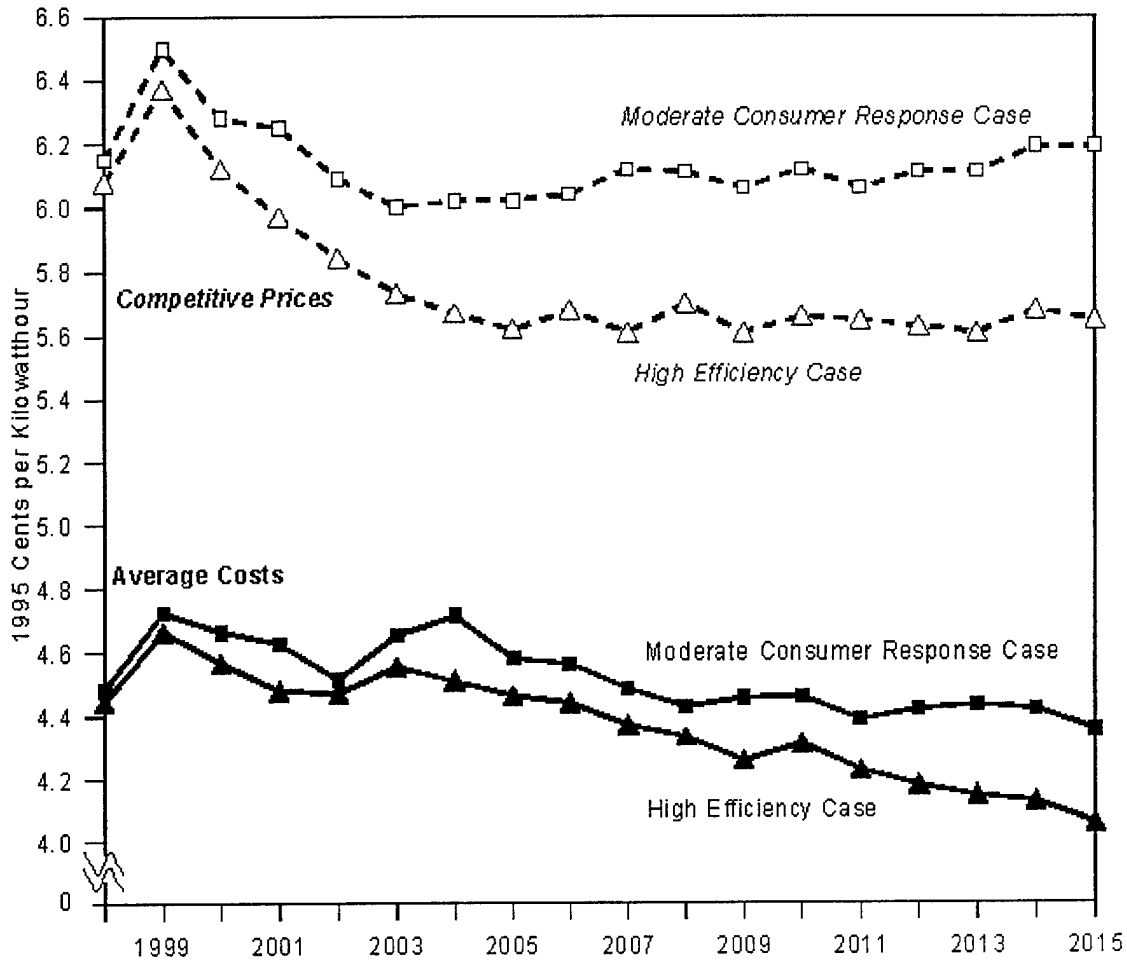
Figure 4.6 shows prices for the MAAC reliability council region, an area which includes the District of Columbia, the states of New Jersey, Delaware, and most of Pennsylvania and Maryland. Figure 4.7 shows similar results for the Pacific Northwest. In MAAC, the relationship between regulated and competitive prices over the 1998 to 2015 time frame are roughly consistent with the relationship depicted for the nation as a whole in Figure 4.5. As indicated above, it is the topmost

average and competitive price series, those labeled as moderate consumer response, that are used in our analysis. Notice that the Pacific Northwest is one region where competitive prices are expected to exceed average-cost-based regulated prices, which is a reversal of the relationships for the nation as a whole.

4.2.3 ASSUMPTIONS AND METHODOLOGY

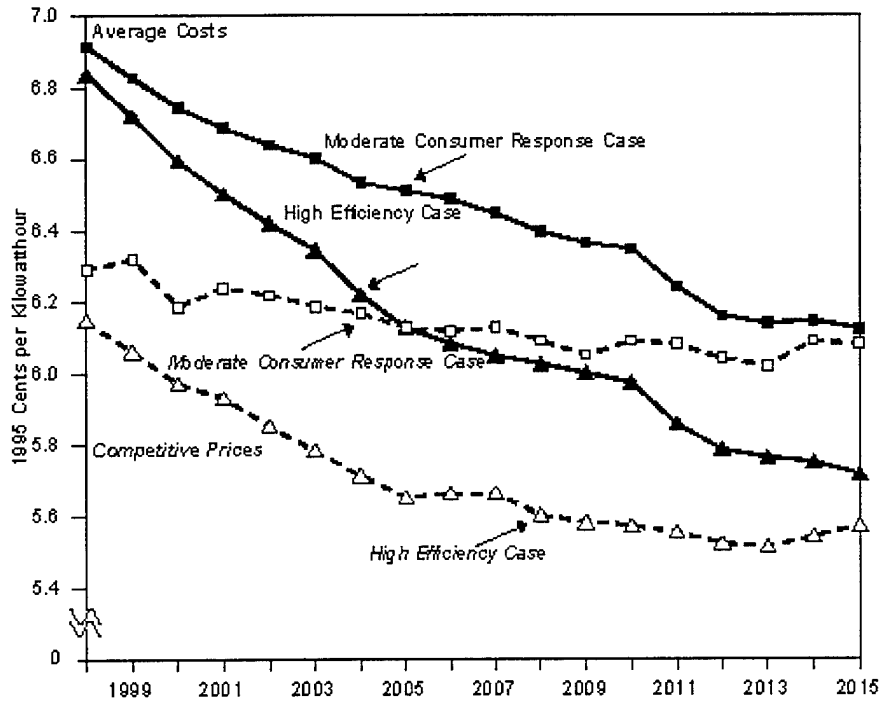
Long-term fuel prices and other trends will affect utilities' cost of generation and the ultimate prices charged to customers, irrespective of restructuring efforts. These factors must be captured in any baseline to develop a reasonable estimate of power supply cost savings obtained through electric utility industry restructuring. For example, changes in fuel prices and the continuing depreciation of existing generation resources will affect the long-term cost, and hence price, of generation. To control for price changes attributable to factors unrelated to restructuring, a baseline was created that captures the expected price of electricity assuming no restructuring.

Figure 4.6
EIA - Forecasted Regulated and Competitive
Electric Power Prices
MAAC Reliability Region



Source: Energy Information Administration, Office of Integrated Analysis and Forecasting, National Energy Modeling System and Prototype Value of Capacity Model, run sets AEOAVG2 and E15V03, and National Energy Modeling System, runs GAFLAT.D060497A and AE097B.D100296K.

Figure 4.7
EIA - Forecasted Regulated and Competitive
Electric Power Prices
Northwest Pool Subregion



Source: Energy Information Administration, Office of Integrated Analysis and Forecasting, National Energy Modeling System and Prototype Value of Capacity Model, run sets E15\03 and HIEFF.

The Energy Information Administration's *Annual Energy Outlook 1997* (AEO97) contains long-term projections of the price of generation absent restructuring.⁵ These price forecasts are made on a regional basis and are further disaggregated by the end-use customer class (i.e., residential, commercial, industrial).⁶ This allows the baseline to reflect regional variances in the cost of generation. Also, differences in the cost of providing service to customers in different rate classifications can be captured.

The average cost of power (dollars per megawatt hour, or \$/MWh) for each base was determined for the base year (FY 1996), and the installations were arranged by state.⁷ For the purposes of this analysis, main base load was considered to be in the industrial rate class, and family housing was considered commercial. This classification was made based on the differences in the size of these loads, the voltage level at which service is typically received, and the general usage characteristics. Base housing was not classified as residential usage since the housing units are typically not individually metered but rather are master-metered. Based on the expected prices contained in AEO97, the underlying expected growth rates were computed and a regional price index for electric power was created. This index was applied to the base year cost of power for each installation to forecast the expected changes in the long-term price of electricity. The price forecasts were not used directly due to the varying costs of providing service to different installations, attributable to differences in usage characteristics (e.g., load factor), voltage levels, and related

⁵AEO97 assumes a moderate decline in operations and maintenance expenditures as a reaction to competitive pressures. This reaction reflects utilities' preparation for open markets, but the forecast does not explicitly assume restructuring.

⁶AEO97 forecasts are broken down by North American Electric Reliability Council (NERC) region. Those regions are indicated in the map on page xiv of EIA's August 1997 report, *Electricity Prices in a Competitive Environment: Marginal Cost Pricing of Generation Services and Financial Status of Electric Utilities*.

⁷The development of the base year data, the sources relied upon, and the limitations of the data are discussed in Chapter 2 of this report.

considerations. The use of the price index allows changes in market price to be captured in the baseline without distorting actual installation-specific costs.

For purposes of developing a baseline, it was assumed that actual energy usage (MWh) at individual bases will remain constant over the full period of analysis. Therefore, the baseline projection of total costs will be the product of current usage multiplied by the forecast price of electricity for each year at each installation.

Since there remains a great deal of uncertainty related to restructuring activities in almost all of the states, it was necessary to make assumptions regarding the timeline of retail competition, the recovery of stranded costs, the period over which those costs may be recovered, and expected nominal price freezes that may or may not be imposed. Only 17 of the contiguous states have announced a date by which it is expected that open access to electric generation markets will be implemented. While these states are at different stages of the restructuring process, all have announced a date at which competition will begin, and most have rendered at least preliminary decisions regarding such issues as stranded cost recovery and rate freezes. Some states within this group will adopt full retail competition as early as 1 January 1998 and others as late as 2003.

The remaining 31 states have not yet issued dates for implementation of restructuring. Although some of the 31 states have reacted unfavorably to the prospect of permitting retail customer choice, it is assumed in this study that all states will, over time, enact retail open access. Although some states have determined that competition is not currently in the best interests of the state, it is unlikely that any state will continue to regulate the cost of generation while consumers in adjoining states are able to access competitive power markets.

Since the exact timeline of restructuring for the 31 states is unclear, some simplifying assumptions have been made to accommodate the analysis of potential savings. First, given the pace of deregulation in the group of 17 states that have made substantial progress toward open access, it is clear that most of the remaining states should have competitive markets in place by 2006. In

addition, while different states have their own methods by which utilities may recover stranded costs, most states appear inclined to allow full recovery of these costs. Furthermore, the period over which utilities may recover these costs (the “transition period”) appears to average about five years. Therefore, it was assumed that those characteristics will apply to the entire group of 31.

Table 4.8 provides the estimated timeline for full implementation of retail open access. While issues related to stranded cost recovery have not been completely resolved in any of the states, assumptions have been made for purposes of analysis which are assessed to be the most reasonable based on current information.

Table 4.8
Assumed Timeline of Retail Competition and
Stranded Cost Recovery Assumptions

<u>Year</u>	<u>State</u>	<u>Stranded Cost Recovery</u>	<u>Recovery Period</u>
1998	California	Full Recovery	4 Years (ends 3/31/02)
	Massachusetts	Full Recovery	5 Years
	New Hampshire	60 Percent Recovery	5 Years
	New York	Full Recovery	5 Years
	Rhode Island	Full Recovery	3 Years
2000	Connecticut	Full Recovery	5 Years
	Maine	Full Recovery	5 Years
	New Jersey	Full Recovery	8 Years
2001	Maryland	Full Recovery	5 Years
	Nevada	Full Recovery	5 Years
	Pennsylvania	Full Recovery	5 Years
2002	Michigan	Full Recovery	6 Years
	Montana	Full Recovery	5 Years
2003	Arizona	Full Recovery	5 Years
	Illinois	Full Recovery	5 Years
	Indiana	Full Recovery	5 Years
	Washington	50 Percent Recovery	1999-2003
2006	All Others	Full Recovery	5 Years

Data in bold reflect most likely assumptions made due to lack of available data. Other entries reflect most recent and/or pending regulatory and legislative decisions.

Although open access is expected to induce market prices that are lower than current regulated rates, some states have mandated rate freezes or reductions to ensure that all customer classes will enjoy some immediate financial benefits from restructuring. Table 4.9 shows the states in which such actions are expected to take place or have been assumed.

Table 4.9
Rate Freeze/Rate Reduction Assumptions

<u>State</u>	<u>Action</u>	<u>Period</u>
California	Rate Freeze (nominal)	1998-2001
Connecticut	Rate Freeze (nominal)	July 1997 - July 2000
New Jersey	10 Percent Rate Discount	October 1998 - July 2000
New York	10 Percent Rate Discount	1998 - 2002
Rhode Island	10 Percent Rate Discount	1998-2000
Illinois	15 Percent Rate Discount	2003-2007
Montana	Rate Freeze (nominal)	2002-2007
Washington	Rate Freeze (nominal)	1999-2003
Group of 31	Rate Freeze (nominal)	2006-2010

Actions in bold reflect assumptions used in the analysis of potential cost savings.

In addition to the announced rate actions, assumptions were required to address two situations characterized by a high degree of uncertainty. First, competitive prices in the Northwest Pool region of the Western Systems Coordinating Council are expected by DOE to exceed current regulated prices. Our assessment, however, is that in the current regulatory/political environment, regulators will not permit this situation to evolve. Therefore, the analysis relies on the assumption that the states in that region will, in the interests of consumer protection, implement a nominal rate freeze upon implementation of customer choice.

Second, it is assumed that for the states in the group of 31, a rate freeze will be implemented just prior to the start of open access, and that prices will be frozen at 2005 nominal levels for the entire transition period (i.e., 2006-2010).

For the purposes of this analysis, it is assumed that states will allow utilities to recover all of their stranded costs over a five-year transition period where no alternative has been articulated. In addition to approved rate actions, it is assumed that the group of 31 states, Montana, and Washington will all implement nominal rate freezes that span the transition period. For the 31 states, the rate freeze is assumed due to the fact that several state bodies have expressed a desire to guarantee some tangible savings to retail customers. The rate freeze is assumed to occur in Montana and Washington because market prices are expected to be well in excess of current regulated prices, and we have assessed it to be unlikely that the state regulatory bodies will allow customers to feel the immediate brunt of that price increase. A rate freeze would insulate customers from increased costs as the retail market for electricity makes the transition from regulation to open access.

In order to calculate the expected savings to DOD, a model was developed that compares the usage and cost baseline to the expected price changes. The Energy Information Administration's (EIA) August 1997 report, *Electricity Price in a Competitive Environment: Marginal Cost Pricing of Generation Services and Financial Status of Electric Utilities* (EIA Report),⁸ provides the best available comprehensive estimates of power supply costs expected to result from restructuring. Specifically, the EIA Report contains regional cost differentials between regulated and restructured markets. These cost differentials represent the difference between the report's projections of utilities' average cost of power and competitive power supply prices. These projections are made from 1998 through 2015, and EIA forecasts two scenarios. This report relies upon EIA's "Moderate Consumer Response Case," as it reflects the most likely set of circumstances under which restructuring is expected to occur. The "High Efficiency Case" contains assumptions believed to be overly optimistic and was therefore not considered in this analysis.

⁸DOE/EIA report 0614, Distribution Category UC-905, August 1997.

The decisions by state regulatory bodies with respect to stranded cost recovery and systemwide rate freezes and discounts will determine the timing and magnitude of potential savings available. In the calculation of savings expected to accrue to DOD, two types of savings were contemplated. The largest source of potentially available savings are those directly related to the difference between regulated and market prices. However, in states that allow full recovery of stranded costs, these savings are available only following the transition period. Where stranded cost recovery is less than 100 percent (60 percent, for example, in New Hampshire), only a portion of savings is available. Since most states will (or are assumed to) allow for full recovery of stranded costs, these savings are usually only significant after the transition period has expired. Savings resulting from this type of price reduction, therefore, are computed as:

$$S_N = (P_R - P_C) * (1 - \beta)$$

where S_N is savings in year N, P_R is the regulated price, P_C is the price under competition, and β is the proportion of stranded cost recovery allowed by the state. Note that when β equals one, or 100 percent, S_N is equal to zero.

The second category of relates to systemwide rate freezes and discounts. When a rate freeze is implemented, the nominal price of power remains constant over the period of the rate freeze. However, as time passes, inflation has the effect of reducing the real cost of that power to customers. Essentially, the total cost of power declines at the general rate of inflation.⁹

When a rate discount is ordered, in each year following the implementation of the discount, the real price will equal the pre-discount price less the price discount, less the effects of inflation. Therefore, for a 10 percent discount, as in Rhode Island, the price in 1998 is equal to 90 percent of 1997 prices divided by (one plus the rate of inflation), or:

⁹The rate of inflation used in this analysis is the projected GDP deflator.

$$P_N = \frac{P_0 (1-d)}{(1+v)^n}$$

where P_N is price in year N , the period of the rate freeze is 1 to N , d equals the rate of any systemwide discount applied, v equals the rate of inflation, and N indicates the number of years since the beginning of the rate discount.

For this analysis, rate discounts and freezes apply only during the transition period. Therefore, customers generally will not enjoy savings from a rate freeze at the same time as the savings from the price differential. Once both types of savings are calculated over the period of analysis, the total savings for each installation are determined in 1996 dollars and on a present value basis. Savings as a percentage of the baseline for each year are also calculated. The savings projections are shown in Section 4.3, below. Detailed savings calculations presented on a state-by-state and installation-specific basis are contained in Appendix C.

4.3 DOD SAVINGS ESTIMATES

The DOD savings estimates that have been developed are summarized in Table 4.10. Tables 4.11 through 4.14 provide analogous estimates for each of the individual service branches. On a present value basis, the DOD can expect to save approximately \$281 million over the 1998 through 2011 period relative to costs that would be incurred absent electric utility industry restructuring. This level of savings represents approximately 2.4 percent of the present value of electric power purchases over the 15-year analysis period.

Of the 17 states that have developed implementation dates for restructuring, the largest savings in absolute terms (real 1996 dollars) are from California (\$72.9 million), Washington (\$20.9 million), Illinois (\$17.2 million) and New York (\$15.8 million). Of these states, those within which the largest savings (real dollars) relative to the baseline can be expected are Illinois (6.22 percent) and New York (5.77 percent). The smallest percentage saving are projected to occur in

Massachusetts (0.07 percent), Maine (0.11 percent), Michigan (0.12 percent), Indiana (0.20 percent), and New Hampshire (0.21 percent).

Table 4.10
Summary of Estimated DOD Power Supply Cost Savings
(1997-2011)

<u>State</u>	<u>Baseline Cost</u> <u>(thousands of \$ 1996)</u>	<u>Savings</u> <u>(thousands of \$ 1996)</u>	<u>Savings as a Percent</u> <u>of Baseline Cost</u>
Arizona	\$ 317,436	\$ 1,333	0.42%
California	2,138,809	72,898	3.41
Connecticut	167,683	1,423	0.85
Illinois	267,814	17,226	6.22
Indiana	64,934	132	0.20
Massachusetts	162,985	122	0.07
Maryland	1,027,526	4,390	0.25
Maine	55,188	59	0.11
Michigan	57,522	68	0.12
Montana	69,251	2,309	3.33
New Hampshire	68,374	143	0.21
New Jersey	474,678	8,320	1.75
Nevada	116,887	1,039	0.89
New York	274,545	15,828	5.77
Pennsylvania	289,616	1,428	0.49
Rhode Island	130,620	4,663	3.57
Washington	600,288	20,867	3.48
Subtotal	\$ 6,293,154	\$152,248	2.42%
Remaining 31 States	\$ 9,653,272	\$260,687	2.70%
Total	\$15,946,426	\$412,935	2.59%
Present Value	\$11,878,330	\$280,748	2.36%

Table 4.11
Summary of Estimated Air Force Power Supply Cost Savings
(1997-2011)

<u>State</u>	<u>Baseline Cost</u> <u>(thousands of \$ 1996)</u>	<u>Savings</u> <u>(thousands of \$ 1996)</u>	<u>Savings as a Percent</u> <u>of Baseline Cost</u>
Arizona	\$152,783	\$ 637	0.42%
California	345,965	11,985	3.46
Connecticut	-	-	-
Illinois	116,042	7,243	6.24
Indiana	22,051	45	0.21
Massachusetts	109,372	73	0.07
Maryland	104,161	586	0.56
Maine	-	-	-
Michigan	-	-	-
Montana	69,251	2,309	3.33
New Hampshire	6,936	7	0.10
New Jersey	99,704	1,730	1.73
Nevada	83,702	765	0.91
New York	6,672	377	5.64
Pennsylvania	13,246	51	0.39
Rhode Island	-	-	-
Washington	77,997	2,965	3.80
Subtotal	\$1,207,883	\$ 28,772	2.38%
Remaining 31 States	\$3,436,974	\$ 92,816	2.70%
Total	\$4,644,857	\$121,588	2.62%
Present Value	\$3,443,466	\$ 78,866	2.29%

Table 4.12
Summary of Estimated Army Power Supply Cost Savings
(1997-2011)

<u>State</u>	<u>Baseline Cost</u> <u>(thousands of \$ 1996)</u>	<u>Savings</u> <u>(thousands of \$ 1996)</u>	<u>Savings as a Percent</u> <u>of Baseline Cost</u>
Arizona	\$111,635	\$490	0.44%
California	160,859	4,959	3.08
Connecticut	-	-	-
Illinois	68,962	4,257	6.17
Indiana	1,649	3	0.20
Massachusetts	20,328	19	0.09
Maryland	566,977	1,891	0.34
Maine	-	-	-
Michigan	57,522	68	0.12
Montana	-	-	-
New Hampshire	8,506	11	0.13
New Jersey	289,347	5,112	1.77
Nevada	7,275	70	0.96
New York	267,803	15,451	5.77
Pennsylvania	186,115	942	0.51
Rhode Island	-	-	-
Washington	141,260	4,204	2.98
Subtotal	\$1,878,308	\$ 37,478	2.00%
Remaining 31 States	\$3,310,790	\$ 89,408	2.70%
Total	\$5,189,098	\$126,886	2.45%
Present Value	\$3,865,949	\$84,754	2.19%

Table 4.13
Summary of Estimated Navy Power Supply Cost Savings
(1997-2011)

<u>State</u>	<u>Baseline Cost</u> (thousands of \$ 1996)	<u>Savings</u> (thousands of \$ 1996)	<u>Savings as a Percent</u> <u>of Baseline Cost</u>
Arizona	\$1,224	\$ 5	0.37%
California	1,306	45,537	3.49
Connecticut	1,414	1,423	0.85
Illinois	167,683	5,726	6.24
Indiana	91,810	84	0.20
Massachusetts	41,234	31	0.09
Maryland	366,388	1,913	0.52
Maine	55,188	59	0.11
Michigan	-	-	-
Montana	-	-	-
New Hampshire	52,932	125	0.24
New Jersey	85,626	1,478	1.73
Nevada	25,910	204	0.79
New York	-	-	-
Pennsylvania	90,254	434	0.48
Rhode Island	130,620	4,663	3.57
Washington	381,031	13,698	3.59
Subtotal	\$2,829,599	\$ 75,380	2.66%
Remaining 31 States	\$2,319,817	\$ 62,646	2.70%
Total	\$5,149,416	\$138,026	2.68%
Present Value	\$3,836,301	\$98,524	2.57%

Table 4.14
Summary of Estimated Marine Corps Power Supply Cost Savings
(1997-2011)

<u>State</u>	<u>Baseline Cost</u> <u>(thousands of \$ 1996)</u>	<u>Savings</u> <u>(thousands of \$ 1996)</u>	<u>Savings as a Percent</u> <u>of Baseline Cost</u>
Arizona	\$ 51,793	\$ 202	0.39%
California	325,570	10,417	3.20%
Connecticut	-		
Illinois	-		
Indiana	-		
Massachusetts	-		
Maryland	-		
Maine	-		
Michigan	-		
Montana	-		
New Hampshire	-		
New Jersey	-		
Nevada	-		
New York	-		
Pennsylvania	-		
Rhode Island	-		
Washington	-		
Subtotal	\$377,363	\$10,619	2.81%
Remaining 31 States	\$585,691	\$15,817	2.70%
Total	\$963,055	\$26,436	2.75%
Present Value	\$719,039	\$18,069	2.51%

In the 31 states that have not set dates for restructuring, and have not announced stranded cost recovery information, the range of savings in percentage terms is relatively narrow -- 1.50 percent to 3.4 percent. Those states with the largest absolute level of savings (in real terms) are those states within which the largest baseline expenditures are projected to be made (i.e., Virginia (\$39.9 million in savings), Texas (\$30.0 million in savings) and North Carolina (\$28.6 million).

The factors affecting the percent of savings resulting from restructuring include: (1) the relationship between forecasted regulated and competitive prices; (2) the percentage of stranded

costs permitted to be recovered; (3) the length of the transition period; (4) the length of time following the conclusion of the transition period that is contained in the analysis period, which ends in 2011; and (5) the existence of a rate freeze or discount.

Table 4.15 compares the share of total power costs (present value) over the 15-year analysis period with the percentage share of total present value savings for each of the service branches.

Table 4.15
Shares of PV Costs and Savings for
the Major Service Branches
(1997-2011)

	<u>Share of PV Costs</u>	<u>Share of PV Savings</u>	<u>Savings Share Divided by Cost Share</u>
Air Force	29.3%	26.9%	0.92
Army*	31.7	30.7	0.97
Navy	32.9	35.4	1.08
Marine Corps	<u>6.1</u>	<u>7.0</u>	1.14
Total	100.0%	100.0%	

*Includes Defense Logistics Agency.

As seen from Table 4.15, both the Air Force and the Army cover a larger share of costs than are received as savings. This is in contrast to the Navy and the Marine Corps which face the reverse situation. This is largely due to the large Navy and Marine presence in California, where a higher-than-average percentage of savings is available (3.41 percent compared to 2.62 percent, on average, in real dollar figures).

5. CENTRALIZATION OF THE COMPETITIVE PROCUREMENT FUNCTION

5.1 INTRODUCTION

Accompanying the opportunity to competitively procure retail electric power supplies by military installations is the need to develop a procurement mechanism to facilitate the DOD's ability to effectively and efficiently conduct the procurement function. In Chapter 2 of this report, the methods by which electric power supplies are currently procured by military installations was addressed. This chapter focuses on the potential benefits and costs associated with retaining or potentially modifying current electric power procurement methods with respect to the acquisition of electric power. In particular, the degree to which centralization of the procurement function can be expected to affect acquisition costs, as well as related costs, is addressed. Other, less quantifiable, issues related to centralization of the procurement function are also addressed.

5.2 CENTRALIZATION OF COMPETITIVE ACQUISITION

5.2.1 INTRODUCTION AND FRAMEWORK OF ANALYSIS

For the reasons discussed previously in this report, military installations cannot systematically competitively procure electric power in the current legal and regulatory environment. In special circumstances, as addressed in Chapter 2, it may be possible for an individual installation to compete its electric load, but these circumstances are rare and emerge infrequently. Consequently, centralization of competitive acquisition was heretofore moot.

During the next fiscal year, competitive acquisition of electric power will be possible in California and Massachusetts. Over the next seven years, the opportunity to competitively procure electric power supplies for military installations is expected to be available in as many as 20 states, though these states will be geographically dispersed. Within 10 to 12 years, it is expected that virtually all states will provide the DOD with competitive acquisition opportunities. Consequently,

decisions regarding how power will be purchased competitively, and the degree to which the competitive power procurement function should be centralized, need to be made to assure a smooth and efficient transition to procurement operations in a competitive environment.

The concept of centralization should not be viewed all-or-nothing. Rather, there are differing degrees of centralization that are each consistent with the current institutional arrangements within the DOD and in place for the three major service branches. At one extreme is full decentralization, where power procurement in a competitive environment would be conducted in a manner similar to the way in which power is procured in the current regulatory environment. Specifically, bases would each individually issue solicitations, developed with assistance as required from the service branch utility centers and with additional assistance as required from the major command level.

At the opposite extreme is full centralization. Under this arrangement, a centralized DOD procurement office would be responsible for identifying load requirements for all installations in the relevant region, developing the solicitation, evaluating the proposals, and awarding the contracts for the electric power supplies and other utility services as may be needed.

There are several intermediate degrees of centralization that are currently employed in the DOD for various aspects of the utility-related activities. The potential alternative centralization arrangements are shown in Table 5.1.

Several factors influence the degree to which centralization of competitive power procurement is desirable. These factors, which form the basis of the analysis presented later in this section, include the following:

- Administrative costs;
- Consistency among contemporaneous and sequential solicitations;
- Aggregation of loads;

Table 5.1
Alternative Power Procurement Centralization Arrangements
(most centralized to least centralized)

- All DOD competitive electric power procurements are conducted by a single government entity;
- Most DOD competitive electric power procurements are conducted by a single government entity, with certain procurements being conducted by the affected service branch for bases requiring specialized power supply arrangements.
- Large loads are procured through a centralized government agency with the remainder of the loads procured by the relevant service branch, including loads characterized as requiring special arrangements;
- All electric power procurements are conducted by the lead service branch;
- All DOD competitive power procurements are conducted by the service branches for bases within the branch and as requested for other service branches; and
- All DOD competitive power procurements are conducted by the individual bases with support as required from the relevant service branch.

- Impacts on and coordination with other utility-related activities (e.g., rate case intervention, energy conservation/demand-side management agreements, special facilities);
- Ability to respond to special circumstances (e.g., high reliability requirements, on-base generation); and
- Development/maintenance of power procurement expertise.

Each of these factors is discussed below.

5.2.2 ADMINISTRATIVE COSTS

Administrative costs are the only quantifiable item on the list of factors addressed. Because of the substantial uncertainty surrounding the future conditions under which power will be

competitively procured, the figures estimated for the administrative costs associated with competitive procurement should be viewed as rough.

The Defense Fuels Supply Center (DFSC) of the Defense Logistics Agency (DLA) has prepared an analysis of personnel requirements to conduct competitive power supply procurement on a centralized basis. The costs represented correspond to the highest level of centralization shown in Table 5.1. DFSC estimates that 26 full-time employees would be required to conduct centralized acquisition of electric power competitively for all military installations in the U.S. This corresponds to an annual cost of approximately \$1.5 million. Underlying this estimate are numerous assumptions regarding the frequency with which competitive solicitations will be conducted, the degree of load aggregation that will be undertaken, and the level of coordination required between DFSC and the service branches and DFSC and the individual bases.

The level of staffing for the competitive procurement of electricity is roughly in line with the level of DFSC staffing currently in place for the centralized competitive acquisition of natural gas, which DFSC undertakes on behalf of approximately 200 installations, including some federal government installations outside of the DOD. Some of the activities currently being undertaken by DFSC as part of their gas procurement program are directly employable for competitive procurement of electric power. For example, DFSC maintains a market research group that provides daily information on market prices, industry events, and regulatory decisions likely to affect the markets for electricity as well as for natural gas.

It is DFSC's estimate that, if given the mission for centralized competitive acquisition of electric power, an initial addition of eight full-time employees would be required. As more states permit customer choice, the number would ramp up to the full complement of 26. DFSC also indicated that for the initial solicitation, it would be anticipated that contractor support would be required to address particular issues associated with the development of the solicitation vehicle and assess alternative options related to competitive acquisition.

It is noted that in addition to the DFSC employees devoted to competitive acquisition of power supplies, base level personnel will need to develop information on their power requirements and load characteristics. Cooperation from base-level personnel, particularly base civil engineering and contracting, will be required to ensure the accuracy and reasonableness of current and projected requirements.

Were the level of centralization reduced, such that only a portion of DOD installations were covered in a given solicitation, with the remainder handled by either the service branches or the individual installations, a significant decline in the centralized resource requirements would not be anticipated. Increased resources, however, would be required from the service branch utility support centers.

Through discussions with representatives from the service branch utility support centers, it was determined that increases in the number of full-time employees from current levels are not anticipated to accommodate competitive acquisition of electric power. This would be the case whether the competitive acquisition function was centralized at the DOD level, or if competitive acquisition was to be performed by the service branches directly. Further, staffing levels at the service branch utility centers would be expected to remain unchanged regardless of whether the solicitations were conducted on a fully disaggregated (i.e., base level) basis with technical, contracting, and legal support provided by the centers; whether the solicitations were partially centralized, e.g., covering all bases within a service branch within a particular geographic boundary; or whether the solicitation was made under a "lead service" arrangement such that the lead service, typically the service branch having the largest load in the state, would conduct the solicitation on behalf of all DOD installations within the state, regardless of service branch affiliations.¹

¹Currently, lead services are identified by utility service area rather than on a state level. Were a lead service arrangement to be adopted, agreement among the service branches would need to be obtained to designate a lead service for each state.

While staffing levels would not be expected to change, the level of contractor support would need to be increased to accommodate the competitive solicitation. Contractor support would largely be technical in nature rather than support in the legal and contracting areas of the solicitation.

The level of contractor support needed will vary depending on a range of factors, including:

- the number of installations covered in the solicitation;
- whether installations from different service branches are included in the solicitation, as would be the case under a lead-service arrangement;
- whether additional utility services are folded into the solicitation, such as energy conservation and demand-side management;
- the degree to which requirements data from the individual installations are adequate to accommodate the competitive solicitation;
- the degree to which pre-existing contractual arrangements need to be addressed, e.g., evaluation of termination for convenience conditions in existing contracts; and
- the duration of contracts, i.e., the frequency with which solicitations need to be issued.

A very rough estimate of required contractor costs to accommodate competitive solicitation handled by the service branch utility support centers would be between \$500,000 and \$750,000 per year per service branch, i.e., a total of between \$1.50 million and \$2.25 million per year, assuming each service branch addresses between 5 and 6 states per year.² This level of effort is consistent with a lead service approach relying on solicitations culminating in three-year contracts. Total costs

²This cost estimate is based on contractor costs incurred in other competitive solicitations prepared on behalf of the U.S. Department of Energy and competitive solicitations prepared by two U.S. Air Force bases. The cost estimates include substantial judgmental adjustment to recognize some states will require little, if any, contractor support while other states will require more. This cost estimate also includes contract specialist support from the bases and the utility support centers of the service branches. Also, it is assumed that legal support would be provided by the utility support centers.

would increase by between 50 and 100 percent were each service branch utility support center to perform solicitations for all bases within its respective service branch. It is not envisioned that solicitations prepared by the bases individually would add appreciatively to the costs of the utility service centers conducting the solicitations by aggregating bases within a state. The reason for this is that the elements included in a base-specific set of solicitations for a particular service branch would need to include the information contained in a state-wide competitive solicitation.

These very rough estimates suggest that the costs under a DOD-wide centralized approach (e.g., DFSC) and a lead service approach are approximately equivalent. The costs associated with a decentralized approach, however, may be significantly higher. These estimated costs are summarized in Table 5.2.

Table 5.2	
Estimated Competitive Acquisition Administration Costs	
Fully Centralized Approach*	\$1.50 - 2.00 million/year
Lead Agency Approach**	\$1.50 - 2.25 million/year
Fully Decentralized Approach**	\$2.25 - 4.50 million/year
<hr/> <p>* Information provided by DFSC. Average cost per employee currently is approximately \$60,000/year, multiplied by 26 full-time employees equals \$1.560 million/year. The upper end of the defined range includes an adjustment for increased TDY travel and limited contractor support.</p> <p>** Rough estimates based on discussions with service branch utility support center personnel and contractor costs incurred for prior competitive solicitation preparation and evaluation.</p>	

5.2.3 CONSISTENCY

There is a benefit associated with maintaining consistency among solicitations issued.³ Although it is expected that the nature of solicitations will vary over time to capture the effects of changes in the market and to refine the solicitations issued to reflect lessons learned, consistency in the formatting of the solicitation and the formatting of required bid documents will lower the costs of bid preparation, thus resulting in, perhaps, marginally lower bids and an increased number of bidders.

Consistency in the solicitation is most easily achieved through a centralized acquisition process but there are no significant barriers to consistency from less centralized arrangements. What is required to accommodate consistency while relying on a less-than-fully centralized competitive acquisition approach is agreement among the service branches to adhere to a uniform formatting requirement. Similar agreement among the service branches has been routinely achieved, and examples include energy usage and cost data reporting, coordination in utility rate case proceedings, and contract language in energy conservation and demand-side management agreements with utility service providers.

Consequently, it is assessed that while consistency is desirable, it can be achieved under both highly centralized and less centralized arrangements.

5.2.4 AGGREGATION OF LOADS

To accommodate aggregation of loads, some degree of centralization is required. The greater the level of aggregation desired, the greater the level of centralization that is needed. Aggregation of loads is discussed fully in Chapter 6 of this report and the discussion of load aggregation suggests

³While it is recognized that the contracting vehicle will need to reflect special circumstances associated with particular states or regions, and also reflect special circumstances related to individual installations as may be required, potential bidders have repeatedly indicated a strong desire for a consistent solicitation format, consistent FAR clauses, and a consistent bid format, based on information provided by DFSC from meetings held with potential bidders. Such consistency serves to reduce bid costs, which (presumably) would be reflected in the costs to DOD.

that at least a moderate level of load aggregation is desirable to capture the benefits of load diversity, to provide market leverage, and to reduce administrative costs. The level of aggregation recommended falls in the range of roughly 75 to 125 mW. This level of load aggregation is achievable in some states within a given service branch (e.g., California), while in other states (e.g., Oregon), the aggregate DOD load is insufficient to meet a 75 mW total.

The desirability of load aggregation cannot be achieved under the current electric power procurement approach, i.e., individual bases securing electric power supplies. At a minimum, the solicitation would need to be developed by the service branches, through the utility support centers. In many circumstances, the service branches would need to aggregate loads across service branches, pointing to the benefit of a lead service approach. Obviously, a fully centralized approach would be able to adequately handle aggregation of loads.

5.2.5 IMPACTS ON OTHER UTILITY-RELATED ACTIVITIES

There are numerous other activities associated with electric utility service that are not directly related to the power supply acquisition function. Such activities include rate case intervention, dealing with federal preference power issues, securing and administering energy conservation/demand-side management agreements and ESPCs, addressing issues concerning facility upgrades, privatization, reliability and safety, rebilling of tenant organizations, and energy use and cost reporting. There are unquantifiable economies and synergies associated with linking the procurement function to other activities related to electric utility service. Numerous concrete examples are available, including:

- Through an attempt by Holloman AFB to secure competitive power supplies, an agreement was reached with the franchised utility that resulted in estimated savings of \$750,000 through energy conservation project funding by the utility and an agreement to wheel additional amounts of Western power to the base.
- Through negotiations with the Sacramento Municipal Utility District regarding Western power deliveries, an agreement was reached regarding alternative power supplies with a price pegged to short-term firm power prices in the Pacific

Northwest. This arrangement resulted in power supply cost savings of approximately \$800,000 per year.

- In the context of a rate case proceeding involving the City of Tacoma, questionable facilities charges to Fort Lewis were discovered. Additionally, implementation of the negotiated rates clause in the City's contracts with the DOD were agreed upon with the utility which streamlined the rate agreement process and significantly reduced administration costs for two DOD facilities.

The rate case intervention function is delegated to the service branches by the GSA. As a consequence, that function will clearly continue to reside with the individual service branches. Absent centralization of all electric utility support functions, the service branch utility support centers will continue to provide support as is currently performed. Centralization of the procurement function will potentially negatively affect the synergies that characterize utility service support. This negative impact can be minimized, however, by development of a close working relationship between a centralized group and the utility support centers. Also of significant importance in the mitigation of the potential adverse impacts as noted above would be the establishment of processes to augment information flows.

5.2.6 RESPONSIVENESS TO SPECIAL CIRCUMSTANCES

Because the utility support centers have had traditionally close working relationships with base personnel, information related to special requirements and circumstances at individual bases resides with the centers as well as with the bases themselves. An advantage in structuring a competitive solicitation to gain the benefits of special circumstances, or to avoid potential problems that can emerge from a solicitation that fails to account for special circumstances, is held by the individual bases and with the utility support centers.

As with the issue of synergies emerging from other utility-related activities, coordination between the utility support centers and a centralized acquisition agency could mitigate the potentially adverse consequences of inadequate information and inadequately detailed information.

5.2.7 DEVELOPMENT/MAINTENANCE OF POWER PROCUREMENT EXPERTISE

Recognition of this factor will allow DOD to benefit from lessons learned, retain a corporate knowledge, and over time improve the quality (and hence savings) that are available through competitive power acquisition. Developing and maintaining power procurement expertise requires at least a minimum level of centralization or extensive support to the individual bases.

The development and maintenance of expertise is most conveniently achieved through centralization of the procurement function at the DOD level or the service branch level. Development of expertise at the base level would require a substantial investment in training which would need to be on-going given the duty rotation of base level personnel. It is noted that a DOD-level centralized agency can be expected to rely more heavily on in-house personnel than would the service branches, which anticipate a higher degree of reliance on contractor support. Higher reliance on in-house personnel likely confers a greater opportunity to develop and maintain power procurement expertise.

5.2.8 SUMMARY AND SYNTHESIS

Based on the discussion contained in this chapter, there are both advantages and disadvantages associated with differing degrees of centralization of the procurement function. These advantages and disadvantages are summarized in Table 5.3.

The conclusion drawn is that centralization to at least the service branch level is desirable. This provides benefits related to aggregation of loads, administration costs, consistency, and developing/maintaining expertise. The appropriate level of centralization is less clear. To the extent that centralization at the DOD level provides advantages over centralization at the service branch level, or vice versa, the shortcomings of the alternative approach appear to be amenable to mitigation. Consequently, there appears to be no preferred approach related to these two options and either one should provide DOD with an efficient and effective means to solicit competitive supplies of electric power.

Table 5.3
Summary of Advantage/Disadvantages
of Centralized Procurement

	<u>Centralization at DOD Level</u>	<u>Centralization at Service Branch Level</u>	<u>Base-Level Decentralization</u>
Administrative Cost	Low	Low to Moderate	High
Consistency	High	Moderate to High*	?
Aggregation of Loads	High	Moderate*	Low
Impacts on Other Utility- Related Activities	Low*	High	Low
Responsiveness to Special Circumstances	Moderate*	High	High
Development/Maintenance of Expertise	High	Moderate to High	Low

*Adverse effects can be at least partially mitigated.

6. AGGREGATION OF LOADS

6.1 INTRODUCTION

One of the fundamental decisions facing the government upon the introduction of retail competition is the extent to which the DOD should aggregate the electric power loads of multiple installations in a competitive power supply solicitation. There are both costs and benefits associated with aggregating load, as well as factors that limit the degree to which loads can be aggregated, particularly in the short-run. The assessment of the appropriate level of load aggregation will be based on transaction and solicitation/contract administrative costs, regulatory and institutional arrangements within a state or region, and previously existing contractual arrangements between the installations in a region and the utilities serving those installations.

Of particular importance is the relationship between the level of load aggregation and transmission charges. In particular, the degree to which the load at a given installation can be served only by incurring transmission charges over multiple systems will limit the degree to which aggregation of loads can be economic.

An important distinction needs to be made between aggregating loads and incorporating multiple loads into a single competitive solicitation. It is possible to include multiple installations into a single solicitation with the load at each installation appearing as a separate contract item and awards made to multiple suppliers. The discussion of load aggregation that follows relates to defining a particular load to be served by a single contractor. It follows, therefore, that several aggregated loads may be included in a single solicitation, with each aggregated load appearing as an item to be awarded, potentially to different suppliers.

As discussed in the previous chapter, a nexus exists between the issue of load aggregation and the degree to which procurement is centralized. If procurement is conducted on a maximally

decentralized basis, that is, at the base level, the issue of load aggregation largely disappears since no systematic mechanism would exist for aggregating loads for multiple installations.¹ As noted in Chapter 5, load aggregation requires at least a minimal degree of centralization of the procurement function.

6.2 GEOGRAPHIC AGGREGATION

6.2.1 INTRODUCTION

There are three alternative geographic levels over which DOD (or the individual service branches) could combine the loads at individual installations in a competitive procurement. First, loads within a given state could be aggregated and the competitive solicitation would seek a single supplier to serve the aggregate load. As a variation of this option, loads could be aggregated within a particular region of a given state, for example, Northern California. This alternative could be appropriate if the transmission rate methodology established by the state makes a state-wide solicitation uneconomic, that is, if multiple transmission charges (pancaked rates) are incurred to transmit power over the transmission systems of multiple utilities.

Finally, it may be possible to aggregate loads regionally across state lines. This option, however, is not likely to be viable in the near term under any circumstances, given the limited degree to which retail open access is anticipated to exist in neighboring states.

6.2.2 STATE-WIDE AGGREGATION

Combining the loads of all (or selected) DOD installations within a state is likely to be the maximum level of load aggregation possible for the DOD to achieve in the short-run. This is attributable to the pace at which retail competition is being introduced across the U.S. Our review plainly indicates that movement toward retail competition is a geographically uneven process. Open access throughout the U.S. is likely to require between 10 to 15 years to fully implement. The base

¹A solicitation developed at the base level can reflect aggregation of loads for multiple on-base delivery points if the base is metered at multiple locations, e.g., main base and family housing.

year data developed in Chapter 2 indicate that DOD energy purchases in the 17 states that have identified implementation dates for customer choice represent 34 percent of total DOD energy purchases on a mWh basis. The remaining states, many of which have not yet begun to systematically address the issue of customer choice, represent 66 percent of DOD electric energy purchases.

Even where a state permits retail competition, however, the ability to combine loads depends upon the manner in which transmission charges are assessed for customers electing to obtain power from alternative suppliers. If DOD facilities in a state are served by multiple utilities, it could be necessary to transmit power across two or more systems to serve the loads of some of the installations comprising the aggregate load. Each utility along the path between the supplier and the load may be able to charge for transmission services in this circumstance, producing what is referred to as multiple, or pancaked, transmission rates. Although individual transmission charges typically could range from 3 to 5 mills, adding multiple transmission charges could be sufficient to alter the cost-effectiveness calculus.

In contrast to the pancaked transmission charges noted above are the transmission charges that will be assessed under the retail customer choice structure adopted in California. There, the movement to retail competition is accompanied by an order from the California Public Utilities Commission (CPUC) requiring utilities in the state to form an independent entity, the Independent System Operator (ISO), to operate the transmission grid within California. The ISO is required to make transmission service available at a single, non-pancaked rate throughout the state. Under this ISO structure, multiple transmission charges would not be an impediment to the aggregation of DOD loads on a state-wide basis.

6.2.3 REGIONAL AGGREGATION

The aggregation of DOD loads on a regional basis is only a long-run option for reasons discussed above. The long-run here is defined as the time frame in which customer choice is the principal means by which consumers purchase electric power throughout the U.S. In that setting,

the two factors affecting the economic desirability of aggregating loads will be the availability of transmission service at non-pancaked rates and market issues related to the overall size of the aggregated load. Load size considerations are fully discussed in Section 7.3, immediately following.

On a regional basis, the cost of transmission between a centrally located source of supply and DOD installations dispersed throughout numerous states within a given geographic region is likely to add significant charges to power supply costs. Each utility on the transmission path or, more favorably, each ISO on the transmission path, may be able to add its own transmission charge and, when loads are aggregated on a regional basis, total transmission charges could be significant. One way that transmission charges would not become an economic impediment to combining load on a regional basis is if a regional ISO is charged with operating the transmission grid. Transmission service could then be provided at a single, regional rate.

At present, we are aware of only one area in which a single ISO is charged with operating the transmission grid in a multi-state region. In Maryland, Delaware, New Jersey, and Western Pennsylvania, the Pennsylvania-New Jersey-Maryland Interconnection (PJM), the nation's oldest power pool, has been reformed so that the PJM transmission system is operated by an ISO. Transmission service throughout the pool is available at a single rate, depending only on the location of the load. While no other proposals to form regional ISOs of this kind have been announced, we are aware of continuing discussions among utilities in parts of the Midwest to establish such entities to operate the regional transmission grid. The existence of regional ISOs charging non-pancaked transmission rates would provide DOD with additional flexibility in considering the benefits of regional aggregation of electric power loads.

An additional factor that must be recognized in assessing the desirability of aggregating loads is the creativity of market participants operating in a competitive environment. Even under conditions of pancaked transmission rates, potential suppliers may be able to exploit opportunities in the market through agreements with other suppliers incurring pancaked transmission charges. In the existing competitive natural gas market, exchanges of natural gas between and among suppliers

to minimize joint transportation charges are commonly made. There is no reason to expect any less creativity on the part of retail electric power suppliers. Whether such arrangements at the retail market level can, and will, be routinely and commonly available and feasible remains to be determined following market restructuring.

6.3 LOAD SIZE CONSIDERATIONS

6.3.1 INTRODUCTION

A separate issue related to electric power load aggregation, regardless of the geographic boundaries associated with the aggregated load (sub-state, state, or multi-state), is the absolute size of the aggregated load. The absolute size of the aggregated load can be expected to affect the ultimate power supply due to the "market leverage" embodied within the solicitation and the DOD's ability to capture diversity benefits associated with multiple loads aggregated to a single load.

6.3.2 MARKET LEVERAGE

Aggregation of DOD loads within a given geographical area has implications for the degree to which the government can leverage its position as a large (or the largest) purchaser of electric power within a given market. To obtain the advantages of size, however, it is not necessary that all military loads within a region be aggregated. On a stand-alone basis, the loads at military installations are frequently the largest loads, or among the largest loads, served by utilities. It should also be recognized that, with the exception of a relatively small number of manufacturing and processing facilities, competitive acquisition of retail loads much above 50 mW will be rare.² Even relatively small military installations are characterized by peak demands of between 3 to 7 mW and military bases with loads in excess of 20 mW are not uncommon. Consequently, an aggregated load of between 75 and 125 mW could be developed by aggregating perhaps 10 to 20 installations and, in some regions, considerably fewer than 10 installations. It is noted, however, that in certain

²Exceptions are likely to include state government solicitations, which may be on an aggregated basis, and ad hoc groups of industrial customers.

regions, the total DOD load is relatively small. For example, the total DOD load in Michigan is less than 15 mW and in Wisconsin it is less than 20 mW.

To obtain market leverage, however, it may not be necessary to aggregate loads, but merely to structure the solicitation such that the total load for all installations contained in the solicitation exceeds some threshold level. The relationship of this concept to benefits from the diversity of peak demand for multiple users is discussed below.

6.3.3 DIVERSITY

By aggregating the loads of several installations into a single load, total peak demand requirements are reduced. The reduction in peak demand of the aggregated load may translate into reduced power supply costs compared to the power supply costs if the loads were separately and individually competed. The reason why peak demand is reduced through aggregation of load is that each installation will establish its individual peak demand at a time at least slightly different than the time at which the other installations will establish their respective peaks. The diversity in timing causes the aggregate peak demand to be lower than the sum of the individual peak demands.³

To maximize the benefits, i.e., cost savings, available from aggregation of loads at multiple installations, in general, loads would need to be combined in a manner that would maximize the aggregate load factor.⁴ It needs to be recognized, however, that the total reduction in the cost of

³If all installations reach their respective peak demands at the same time during the month, the sum of the individual peaks will equal the peak demand for the aggregated load. Under no circumstances, however, can the peak demand for the aggregated load exceed the sum of the peak demands for the individual installations.

⁴The monthly load factor for an individual installation is defined as:

$$LF_{mi} = \frac{KWH_{mi}}{(KW_{mi} \times H_m)} \times 100$$

where:

LF is load factor;

KWH is kWh energy consumption during the month;

KW is the kW peak demand recorded during the month;

service is dependent upon the other, non-DOD loads served by the potential service provider as well as the mix of resources that will be relied upon to serve the load. Furthermore, regional market factors will define the opportunity costs faced by the potential supplier, that is, the price that the potential supplier can secure in the market.

Based on analysis of diversity performed for several military installations (McClellan AFB, Edwards AFB, and Vandenberg AFB) and for other non-DOD government installations (the Department of Energy's Savannah River Site and Hanford Reservation), diversity factors for loads at a single installation tend to hover around 95 percent. The diversity factor will tend to decline when loads of different installations are combined due to differences in operations and, importantly, differences in weather. DOD loads, while not generally extremely weather sensitive, do fluctuate based on weather conditions. Weather conditions within a state can vary substantially at any given time, resulting in higher levels of diversity. In California, DOD installations in and around the Bay region (e.g., San Bruno (Navy) and Onizuka AFB) will experience weather conditions different from those experienced by the Navy installations in San Diego, the Presidio of Monterey, and Edwards AFB located in the Mojave Desert. While, as a general rule, military bases tend to exhibit loads that rise through mid-morning, decline slightly, then peak between 2:00 and 4:00 in the afternoon, combining loads of installations located in climatically different areas can be expected to result in diversity factors of 80 to 90 percent.

Clearly, there are a myriad of factors affecting the identification of the optimal (cost-minimizing) aggregation of load. The most efficient means of securing any potential benefits that

H is the number of hours in the month
 m denotes the month; and
 i denotes the installation

The monthly load factor (aggregated) is defined as:

$$LF_{MI} = \left(\frac{\sum_i KWH_{mi}}{KW_{MI} \times H_M} \right) \times 100$$

where:

I denotes the aggregated group of installations; and all other terms are as previously defined.

may exist is to permit potential power suppliers themselves to determine the least-cost aggregation method in the competitive solicitation. To maximally benefit from this approach, data regarding hourly load profiles for the installations covered in the solicitation should be made available to prospective bidders. In making such information available, aggregation of loads by bidders could be made intelligently and uncertainty regarding costs of providing service would be reduced. The reduction in the degree of uncertainty, one element of risk, will tend to result in lower-cost offers than would otherwise be the case.

Allowing bidders to aggregate loads for installations separately identified in a solicitation poses a potentially serious problem in evaluating the bid responses. To eliminate this problem, bidders should be instructed to provide cost proposals for the individual installations as well as be permitted to bid on loads aggregated by the bidder. This approach also provides DOD with important information related to the benefits of load aggregation, using market-based data. The information obtained through this process should be used to refine the approach in subsequent solicitations as more market experience is gained.

7. ADDITIONAL ISSUES RELATED TO COMPETITIVE ACQUISITION OF ELECTRIC POWER

7.1 INTRODUCTION

This chapter addresses several issues that are tied to competitive acquisition of electric power supplies by the DOD and which need to be considered in the development of an overall competitive acquisition strategy. In particular, this chapter discusses the following topics:

- Use of O&M funds saved through the competitive acquisition process for implementation of energy conservation and demand-side management at military installations and for infrastructure improvements;
- Methods by which privatization of on-base utility systems can be accommodated without adversely affecting the potential to achieve savings through competitive acquisition of electric power supplies;
- Issues related to power provided to military installations by federal power marketing administrations;
- Data collection requirements; and
- Procurement of ancillary services.

7.2 USE OF SAVINGS

To ensure satisfaction of the energy use reduction requirements specified in the Energy Policy Act of 1992 and Executive Order No. 12902, military installations have evaluated and implemented a wide array of energy conservation initiatives. The funding for these demand-side management and energy conservation projects has come from a variety of sources, including Energy Savings Performance Contracts (ESPCs) between the government and Energy Service Companies (ESCOs), demand-side management/energy conservation contracts between the installation and the energy service provider, and through the Energy Conservation Investment Program (ECIP) and the

Federal Energy Management Program (FEMP). The level of funding required to accommodate the full range of economic, feasible, and desirable demand-side management and energy conservation projects, however, has tended to exceed the level of funds available for these projects. As a consequence, opportunities for cost-effective energy conservation and demand-side management projects remain available. One possible use for the savings that may be generated from the competitive acquisition of electric power is for the government to invest those savings in energy conservation and demand-side management projects.

A second potential use of the savings that may be achieved through competitive acquisition of electric power is for the funding of utility system infrastructure upgrades at military installations. Funding for infrastructure improvements has historically been difficult to obtain. Improvements to utility system infrastructure can be anticipated to have the following effects:

- foster increased safety;
- generate savings through the increased ability of base personnel to control loads;
- enhance power supply reliability;
- increase the availability and reliability of usage-related data; and
- reduce costs through increased efficiency.

As noted in Chapter 4 of this report, it is not expected that the level of savings available to the DOD through competitive acquisition of electric power will be substantial in the short-term. Additionally, power supply costs in the short-term (as well as in the long-term) may increase for particular installations and for installations located in certain parts of the country, such as the Northwest. Consequently, the level of savings that would be available from competitive acquisition of electric power will be less than is required to accommodate cost-effective demand-side

management and energy conservation opportunities by themselves, putting aside any consideration of infrastructure improvement.¹

To effectively employ all, or a portion, of the savings that are available from competitive acquisition of power supplies for either energy conservation/demand-side management projects or infrastructure, the level of savings will need to be quantified for the group of bases receiving power purchased competitively. Additionally, the following factors need to be recognized:

- the level of savings achieved for the group of bases may not be allocable to the individual bases in the group on other than an ad hoc basis; and
- the most cost-effective use of achieved savings, whether used for energy conservation/demand-side management projects or infrastructure improvements will be independent of which bases generated the savings.
- regulations will need to be implement to permit the retention of the savings, the distribution of the savings, and the use of the savings.

Identifying the overall level of savings for the group of bases for which power is being competitively procured is a relatively straight-forward exercise, that is, the difference between prior fiscal year costs for power supply (before competitive acquisition) and costs for electric power under a competitive acquisition regime can be used. This represents the most convenient, if not strictly accurate, method to estimate savings and does not require the estimation of costs under contrafactual circumstances. Attributing the savings to individual bases, however, can be a more difficult

¹A general "rule of thumb" regarding the level of energy conservation investment is that one-year's electric power cost can be invested cost-effectively. In the case of military installations, however, it needs to be recognized that significant energy conservation investments have already been made and some opportunities that would otherwise be viewed as cost-effective are seen to either potentially interfere with fulfillment of the base's mission or employ a technology that is unproven and with which base personnel have no experience. These factors reduce the overall level of remaining cost-effective energy conservation opportunities substantially. While the cost of the remaining cost-effective opportunities cannot readily be estimated, it appears reasonable to assess that the 2 to 3 percent per year real dollar savings estimated to be achievable would not be sufficient to satisfy existing opportunities completely.

exercise. In the case where competitive supply is secured for a single military installation, that is, the load for the installation was not part of an aggregate load assembled by either the government or the successful bidder, any reduction in power supply costs could be appropriately viewed as emanating from that single installation. Under the alternative circumstance, i.e., savings obtained for an aggregate load, allocation of the savings to the individual bases may not be unambiguously calculable. Development of a reasonable and fair method of allocating savings will be necessary only to the extent that the individual bases will be permitted to retain a portion of achieved savings for either discretionary use or prespecified applications. If total savings are to be directed to infrastructure improvements and implementation of energy conservation/demand-side management projects, allocation of cost savings to individual bases is unnecessary for the program.²

Savings obtained from competitive power supply acquisition to be used for EC/DSM and infrastructure improvement projects should be directed to those projects providing the greatest benefit to the DOD. In general, that will mean that funds for EC/DSM projects will be directed toward those bases paying the most for electric power supplies on a per-kWh basis and those bases that do not have favorable EC/DSM agreements with a utility service provider. Infrastructure improvement funding would tend to be directed to older installations.

The approach applied to distribution of ECIP funds, which were first allocated to each of the service branches and then were allocated to individual installations on the basis of the energy and cost savings associated with proposed projects, is a reasonable balance between efficient use of funds and considerations of equity among the service branches. Greater efficiency of use of the funds would be achieved by distributing the funds based purely on the merits of individual projects without regard to the division of the funding pool among the service branches. The increase in efficiency obtained, however, is likely not to be significant. In the past, the relative scarcity of funds for project implementation, coupled with the method by which projects were selected for funding approval,

²It is noted that estimated savings allocated to the individual bases may be desirable for other purposes, such as reporting.

resulted in only the most cost-effective projects being approved. Given the estimated magnitude of savings, the likelihood of the pool of available funds surpassing the pool of highly cost-effective projects seems to be small.

A separate question exists as to whether the individual bases should retain a portion of the achieved savings and, if so, how sizable should that portion be. The only reason to consider base-level savings retention is to provide an additional incentive for base-level personnel. If competitive acquisition is conducted at other than the base level, base-level savings retention is not purposeful.

If power supply procurement is conducted at the base level, retention of a portion of savings achieved would present an additional inducement to maximize savings. A program implemented to provide added base-level incentives to reduce energy supply costs through implementation of energy conservation projects permitted the bases to retain one-third of savings to be used for discretionary purposes. This program has generally been viewed as largely ineffective since the perception of base personnel has been that the discretionary funds would not be made available regardless of savings achieved.³ For savings retention to be effective, regulations would need to be implemented to assure base personnel that the appropriate proportion of saved O&M funds generated by competitive power acquisition would, in fact, be available to the base for discretionary use. The one-third proportion of saved funds envisioned to have been available to bases that achieved savings generated through energy conservation is assessed to be reasonable, representing a significant, but not a majority, of the realized savings.

7.3 PRIVATIZATION

All service branches are committed to privatizing on-base utility systems where privatization is determined to provide net total benefits to the DOD. The criteria for assessing the ratio of benefits to costs differ among the service branches. The issue of privatization of on-base electrical systems

³This assessment is based on discussions with both base-level and service branch personnel. No formal documentation addressing this issue is presently available.

relates to retail open access in two ways: (1) the availability of future access to the grid, and (2) the implications for future costs.

When on-base electric utility system privatization is conducted, one of two general approaches is possible: the first entails transferring the ownership of the on-base system to the serving utility and receiving service under a rate applicable to lower voltage customers. Transformation losses are borne by the serving utility, which is also responsible for operation and maintenance of the on-base distribution system. The second method entails transfer of ownership with the base continuing to be billed at high-voltage rates and metered on the high side of transformation. Fees are paid to the utility of operation and maintenance of the on-base distribution system. The latter arrangement is preferred and while transformation losses are incurred by the base under the second arrangement, the base continues to benefit from the high voltage discount embodied in the utility's tariffs as well as from the diversity of loads on the base. The diversity benefit is lost if the base takes power at multiple metering points located on the low voltage side of transformation.

Early in the restructuring debate in California, and mirrored to some extent in several other states, was the issue of which groups of customers would obtain open access privileges first and which groups would be eligible for open access purchases at later dates. In California, the initial rules identified large, high-voltage customers as the first set to benefit from retail open access, with other customer groups to be phased-in over several years. That initial plan was revised and all electric power customers in California will have the benefits of customer choice beginning January 1, 1998. Other states considering a phased implementation of customer choice are generally allowing a fixed percentage from each customer class to participate initially, with the percentage increasing over time.

As noted previously in this report, most states have not articulated restructuring plans. To ensure access to the power grid, the privatization agreement entered into between the installation and the serving utility should anticipate potential restrictions and incorporate language that allows the

base maximum flexibility in obtaining access to the grid following the implementation of restructuring.

From a cost perspective, it needs to be recognized that some degree of cost shifting is likely to occur following restructuring. In particular, any interclass subsidies currently in existence will be eliminated under competitive conditions. Historically, the tariffs in place for many utilities include embedded subsidies from the industrial customer class to the residential and small commercial customer classes. To the extent that such subsidies exist currently and will be eliminated by market forces following restructuring, the base will benefit from retaining high-voltage service following privatization. Elimination of interclass subsidies can be anticipated to result in disproportionately large cost reductions for large, high-voltage customers relative to residential and small commercial customers. Consequently, bases should retain the high-voltage character of service, that is, continue to be metered on the high side of transformation following restructuring. It is noted that this approach is consistent with the predominant methods currently relied upon in privatization efforts.

7.4 FEDERAL POWER MARKETING ADMINISTRATIONS

Numerous military bases are provided some or all of their power requirements by two federal power marketing administrations: the Western Area Power Administration (Western), and the Southwestern Power Administration (SWAPA).

Table 7.1 shows mWh used, costs incurred, and estimated savings achieved for the DOD related to PMA purchases. The DOD purchases 1.1 million mWh from Western and SWAPA at an annual cost of approximately \$25.5 million. Savings resulting from these purchases are \$42.1 million per year. Under restructuring, it is likely that the level of savings associated with the use of PMA power by the DOD will decline significantly, though substantial uncertainty exists regarding the timing and level of lost savings.

Table 7.1
DOD's Purchases of PMA Energy
and Resulting Power Supply Cost Savings

	Energy (mWh)	Cost (\$,000)	Savings (\$,000)
WAPA			
Central Valley Project	609,993	\$18,474	\$23,184
Loveland Area Projects	56,478	876	800
Parker-Davis Project	163,560	1,819	12,112
Pick-Sloan MB Program	17,513	236	218
Salt Lake City Integrated Projects	79,891	1,404	1,541
Central Arizona Project	5,975	158	N/A
SWAPA	<u>174,032</u>	<u>2,504</u>	<u>4,242</u>
TOTAL	1,107,442	\$25,471	\$42,097

The erosion of PMA savings that is currently anticipated results principally from changes in the California regulatory environment that becomes effective January 1, 1998. Three factors will affect the level of savings historically achieved by the DOD.

- the imposition of competitive transition charges on some of the Western power deliveries;
- the expected reduction in the amount of Western Central Valley Project (CVP) Power marketed by Western; and
- the expected increase in wheeling charges for delivery of CVP power.

Military installations in Northern California receive Western power deliveries under terms and conditions specified in an interconnection agreement between Western and the Pacific Gas and Electric Company (PG&E). This agreement, referred to as Contract No. 2948-A, expires in 2004.

The contract fully specifies the rights and obligations of both parties. Under 2948-A, PG&E is obligated to wheel Western power to Western's customers at agreed-upon wheeling rates.

Most of the Western CVP power allocated to the service branches and assigned to individual installations has been at those installations for several years and will be exempt from competitive transition charges. In other cases, Western power made available as a result of base closings and power transferred into PG&E's service area from other service areas, e.g., the Sacramento Municipal Utility District, may be subject to CTCs. No estimate has been made of losses resulting from imposition of CTCs.

PG&E has informed Western that beginning in 2001, it will no longer transmit Western power under 2948-A and Western will need to rely on the ISO for transmission of power. If this situation eventuates, the likelihood of which is unclear given PG&E's obligations under 2948-A, wheeling rates for Western power will increase by approximately \$0.50/kW-month, resulting in foregone savings of approximately \$720,000 per year.

Of greatest impact will be an expected reduction in Western power allocations of approximately 40 percent in 2004, when Contract No. 2948-A expires. This reduction, tentatively suggested by Western, could reduce DOD's annual savings by about \$9 million.

It is recommended that DOD work closely with Western's Sierra Nevada Regional Office to monitor events and to influence, to the maximum extent possible, retention of Western CVP savings.

7.5 DATA BASE REQUIREMENTS

The move to a competitive environment that would permit DOD to secure electric power for each of its facilities in the U.S. competitively will require a substantial modification to the current system of tracking electricity consumption at DOD installations. In a competitive market, suppliers would prefer to develop bid proposals based on information made available regarding detailed load

characteristics of the installations. Moreover, detailed data would also be vital to permit suppliers to consider submitting proposals for the aggregated loads of multiple sites. The tracking system that is recommended in this report requires developing a data base to track energy consumption, power costs, and load characteristics at each DOD facility in advance of the time when requests for proposals are developed.

For each DOD facility, the minimum data that is likely to be required can be broken down into five categories. Some of these categories include data that is unlikely to change very often, such as the identity of the installation's current suppliers. Other data would change more frequently, perhaps once a month, such as cost and billing determinants. The categories that appear most important are as follows:

- Identity of the Facility
- Points of Contact
- Usage and Load
- Cost
- Suppliers

Below, the data that should be assembled for each of these categories is explained in more detail. This is not intended to be an exhaustive or complete list of the data that should be assembled, only the minimum data that appears vital for use in a competitive electric power procurement process. It is important to note that absent the detail embodied in the data described below, the government would still receive responsible bids in response to competitive solicitations made for electric power supplies. The information contained in the data items addressed below, however, serves to reduce the risk and uncertainty associated with the preparation of proposals. Reduction of risk and uncertainty faced by prospective bidders will be manifested in lower bid prices than would otherwise be the case.

The first category, the identity of the installation, would encompass data on each specific site. This would include information regarding the name of the site, the service branch, the command, the number of military and non-military personnel employed at the installation, and the installation's location. The second category of information (points of contact) includes a contact at each installation who would be charged with responsibility for assembling data, as well as contacts for the relevant contracting officer and a representative from the Base Civil Engineers Office. Information in this category would identify the contacts and provide address, phone, fax, and e-mail information. Information assembled in categories one and two are relatively static, changing only infrequently. Thus, once assembled, the maintenance of this part of the data base would be minimal.

The third category is perhaps the most crucial for enabling alternative suppliers to prepare a response to a solicitation. This would identify the meters and/or accounts under which service is rendered to each installation, indicate the monthly (or other period) billing determinants for the installation, i.e., demand and energy readings for each meter that is read at the installation, identify the voltage at which each power is delivered and include monthly, hourly (or half-hourly) load data for the site as a whole. These last data usually can be provided by the principal utility providing retail service in a spreadsheet format on a diskette.

The fourth category is the monthly cost of power at the site. To the extent that the installation's electric bill is different for each meter, it would be necessary to track this information by meter. (Often, separate meters are installed for the convenience of the utility and are simply used to totalize the site's energy and load data.) The data in this section should separately identify facility charges, i.e., charges for specific equipment necessary to provide service such as transformers that enable a facility to take service at a higher voltage under a more favorable rate. The cost of such site-specific equipment is not recovered in electric rates, but in separate charges. The data in categories three and four would involve the most maintenance and effort. Information would have to be entered for each facility monthly with reasonable care taken to ensure accuracy.

The fifth category would include data about each supplier providing electric power to the installation. The supplier would be identified, and, to the extent separate meters are served by separate suppliers, these would also be noted. In addition, the tariff and contract under which service is rendered would be identified. It would also be useful to include relevant features of the service contract, such as the date the contract was signed, its termination date, and any information regarding termination provisions. The information in this category is relatively static, and is unlikely to change very frequently. Accordingly, it would be subject to much less maintenance than the prior two classes of data. Table 7.1 summarized the data categories and the types of data that would be assembled in each.

7.6 ANCILLARY SERVICES

Ancillary services is a term that refers to network services that are required to accommodate open access to the transmission grid. Ancillary services include:⁴

- Scheduling, system control, and dispatch
- Power regulation
- Spinning reserves
- Supplementary reserves
- Energy balancing
- Loss compensation
- Voltage support and reactive power

Together, ancillary costs are estimated to be approximately \$0.0049/kWh on a national average basis. There can be, however, substantial regional differences in ancillary service costs. A well-defined market for ancillary services has not yet emerged (and may never emerge) and several of the ancillary services are monopoly services that can only be provided by the Independent System

⁴Peter Fox-Penner, Electric Utility Restructuring: A Guide to the Competitive Era, Public Utilities Reports, Vienna, Virginia, 1997, p. 204-5.

Table 7.2
Suggested Data Base Requirements

- Basic Identifying Information
 - Service Branch
 - Command
 - Location
 - Base/Housing/Commissary/Other
- Contact Information (data collection, contracting, BCE, command)
 - Name
 - Address
 - Position
 - Telephone
- Energy and Load Data
 - Meter/Account Number
 - kWh per Month
 - kW per Month
 - Sample Load Curve Data (Hourly)
- Cost of Electricity
 - Total Cost by Meter/Account per Month
 - Separate Identification of Facility Charges
 - Average Cost per kWh (Net of Facility Charges)
- Suppliers
 - Identification of Supplier(s) by Account/Meter
 - Service Voltage
 - Tariff Name (e.g., LGS-P)
 - Contract
 - ▶ Date Signed
 - ▶ Termination Date
 - ▶ Contract Number

Operator. For example, scheduling/system control/dispatch is an ISO function. Other ancillary services may be provided, at least in part, by entities other than the ISO, such as energy balancing.⁵

In the context of a competitive acquisition of power in the short-run, there appears to be little to gain from unbundling ancillary services from the provision of power supply. On a theoretical level, it is possible to secure a more favorable price through unbundling. From a practical perspective, the unbundling of ancillary services places an additional burden on base personnel to define the ancillary services required. Further, it adds a layer of complexity to the acquisition process that is unlikely to result in significant net savings, if any.

To the extent that reduced costs could be realized through competitive acquisition of ancillary services, it would be expected that power supply offerors would competitively acquire those ancillary services for which a market has developed. Consequently, the bulk, if not all, of the benefit associated with the development of competitive markets for at least some ancillary services would flow through to the DOD without the need to unbundle.

⁵Energy imbalances occur when the amount of energy contracted for over the month deviates from the energy actually delivered. Periodic adjustments are therefore required to ensure that the buyer, seller, and the provider of any excess power are made whole.

APPENDIX A

USAGE AND COST BASELINE

APPENDIX A-1

USAGE AND COST BASELINE -- MAIN BASE

17-STATE SUBGROUP

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				FY 1996			Baseline Total Costs	
				MWh	\$	\$/MWh	1997	1998
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	7,280,021	7,134,420
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	693,943	680,064
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	87,420	85,671
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,980,497	3,900,887
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,696,026	4,602,106
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,830,584	2,773,973
				290,929	19,959,861	68.61	19,568,491	19,177,121
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,955,336	8,837,503
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,167,186	1,151,828
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,476,389	1,456,963
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,151,240	1,136,092
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	16,926,585	16,703,867
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	13,887,957	13,705,221
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	274,526	270,914
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	141,836	139,970
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	50,664	49,997
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	182,096	179,700
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	443,952	438,111
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	298,928	294,995
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	308,437	304,379
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,654,954	2,620,020
Navy	CA	N62021	NAB CROMADO TOTAL	22,013	1,793,018	81.45	1,793,018	1,769,426
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	17,873	17,638
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	752,476	742,575
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	10,392	10,255
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	672,980	664,125
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	894,527	882,757
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,551,449	1,531,035
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	706,320	697,026
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	109,014	107,580
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	14,981	14,784
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,257,519	1,240,973
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	360,988	356,238
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	64,126	63,282
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,546,356	2,512,851
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	3,173,589	3,131,831
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,326,974	2,296,356
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,457,214	3,411,724
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	749,179	739,321
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	990,609	977,575
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	931,889	919,627
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	149,396	147,430
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	240,168	237,008
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	4,219,380	4,163,862
Navy	CA	D63126	PMTCC POINT MUGU MB	64,556	4,163,184	64.49	4,163,184	4,108,405
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,944,948	2,906,199
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,524,273	3,477,901
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	7,178,257	7,083,806
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	1,080,902	1,066,680
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	3,052,213	3,012,052
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	631,393	623,085
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,702,670	1,680,266
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	9,616,238	9,489,709
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,135,166	1,120,230
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,657,861	1,636,047
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	7,091,018	6,997,715
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,633,469	2,598,818
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	88,697	87,530
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	5,199	5,131
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	148,580	146,625
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	6,596	6,509
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,195,328	1,179,600
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	8,568,710	8,455,964
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,707,850	5,632,747
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,921,830	2,883,385
				2,175,082	139,964,885	64.35	139,964,885	138,123,242
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	719,062	719,062
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,860,491	1,860,491
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	317,064	317,064
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	992,077	992,077
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	7,467,165	7,467,165
				178,505	11,685,014	65.46	11,355,859	11,355,859
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	490,695	501,847
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,892,607	3,981,075
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	200,293	204,845
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	95,606	97,779
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	690,802	706,502

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	65,953	67,452
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	282,496	288,916
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,207,130	4,302,747
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	868,329	888,064
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,192,649	5,310,664
				317,802	16,349,891	51.45	15,986,560	16,349,891
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	116,939	114,552
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,898,956	2,839,793
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,563,645	1,531,734
				128,585	4,672,999	36.34	4,579,539	4,486,079
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,441,533	1,441,533
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	508,326	508,326
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,852,088	1,852,088
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,872,640	5,872,640
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	1,036,708	1,036,708
				148,520	11,021,768	74.21	10,711,296	10,711,296
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,494,763	5,494,763
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	19,895,444	19,895,444
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	13,585,583	13,585,583
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	422,460	422,460
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	111,999	111,999
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,637,575	1,637,575
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,205,990	2,205,990
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	106,456	106,456
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	87,199	87,199
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	1,011,298	1,011,298
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	333,227	333,227
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	249,970	249,970
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	1,005,424	1,005,424
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	4,177,035	4,177,035
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	528,517	528,517
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	146,686	146,686
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	383,479	383,479
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,120,194	1,120,194
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,556,474	6,556,474
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	4,218,387	4,218,387
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	5,085,490	5,085,490
				1,350,082	70,568,929	52.27	68,363,650	68,363,650
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	79,264	79,264
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	323,317	323,317
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	804,272	804,272
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,664,509	1,664,509
				41,133	2,954,590	71.83	2,871,362	2,871,362
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,736,358	1,700,922
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,342,596	2,294,788
				66,465	4,162,198	62.62	4,078,954	3,995,710
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,598,816	3,727,346
				70,839	3,213,229	45.36	3,598,816	3,727,346
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	603,181	603,181
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,368,200	3,368,200
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	491,885	491,885
				70,529	4,592,636	65.12	4,463,266	4,463,266
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,977,972	1,977,972
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	7,203,793	7,203,793
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	7,095,023	7,095,023
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,971,003	3,971,003
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,505,123	2,505,123
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,320,906	2,320,906
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	55,856	55,856
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,559	5,559
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	5,258,297	5,258,297
				381,254	31,373,968	82.29	30,393,532	30,393,532
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	524,579	517,677
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,629,548	1,608,107
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,788,833	4,725,822
				131,804	6,942,960	52.68	6,942,960	6,851,605
Army	NY	NA	U S MILITARY ACADEMY	85,636	5,271,259	61.55	5,173,643	5,076,027
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,406,576	1,380,037
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,439,912	3,375,008
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	9,243,442	9,069,038
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	479,840	470,787
				273,620	20,115,931	73.52	19,743,414	19,370,897
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,759,913	2,759,913
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,395,423	1,395,423
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,344,815	2,344,815

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,750,467	2,750,467
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,817,527	1,817,527
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	308,849	308,849
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,646,875	1,646,875
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,232,481	1,232,481
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,306,056	3,306,056
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,412,197	1,412,197
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	561,883	561,883
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	365,047	365,047
				340,761	20,543,518	60.29	19,901,533	19,901,533
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	270,864	270,864
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	324,767	324,767
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,533,390	2,533,390
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	651,971	651,971
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	4,311,314	4,311,314
				96,233	8,326,867	86.53	8,092,307	8,092,307
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	8,636,002	8,944,431
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	725,982	751,910
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	311,176	322,290
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	1,934,819	2,003,920
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	895,969	927,968
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	232,734	241,046
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	7,418,788	7,683,745
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	53,148	55,047
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	78,920	81,738
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	163,636	169,481
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	212,199	219,777
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	734,203	760,424
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	794,904	823,294
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,146,125	1,187,058
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,044,868	3,153,613
Navy	WA	N00253	NAVUNWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,158,625	2,235,719
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,793,621	1,857,679
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,265,202	1,310,388
				858,221	28,215,108	32.88	31,600,921	32,729,525
TOTAL				6,920,366	404,664,352		402,217,345	400,964,220

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				FY 1996			1999	2000
				MWh	\$	\$/MWh		
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	7,134,420	6,988,820
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	680,064	666,185
Army	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	85,671	83,923
Navy	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,900,887	3,821,277
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,602,106	4,508,185
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,773,973	2,717,361
				290,929	19,959,861	68.61	19,177,121	18,785,752
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,837,503	8,484,003
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,151,828	1,105,755
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,456,963	1,398,684
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,136,092	1,090,648
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	16,703,867	16,035,712
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	13,705,221	13,157,012
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	270,914	260,077
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	139,970	134,371
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	49,997	47,997
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	179,700	172,512
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	438,111	420,586
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	294,995	283,195
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	304,379	292,203
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,620,020	2,515,220
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,769,426	1,698,649
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	17,638	16,932
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	742,575	712,872
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	10,255	9,845
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	664,125	637,560
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	882,757	847,447
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,531,035	1,469,794
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	697,026	669,145
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	107,580	103,276
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	14,784	14,193
Navy	CA	D62271	DPGS MONTEREY MB	16,947	1,257,519	74.20	1,240,973	1,191,334
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	356,238	341,989
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	63,282	60,751
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,512,851	2,412,337
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	3,131,831	3,006,558
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,296,356	2,204,502
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,411,724	3,275,255
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	739,321	709,749
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	977,575	938,472
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	919,627	882,842
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	147,430	141,533
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	237,008	227,528
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	4,163,862	3,997,307
Navy	CA	D63126	PMTIC POINT MUGU MB	64,556	4,163,184	64.49	4,108,405	3,944,069
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,906,199	2,789,951
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,477,901	3,338,785
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	7,083,806	6,800,454
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	1,066,680	1,024,012
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	3,012,052	2,891,570
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	623,085	598,162
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,680,266	1,613,056
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	9,489,709	9,110,120
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,120,230	1,075,420
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,636,047	1,570,605
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,997,715	6,717,807
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,598,818	2,494,865
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	87,530	84,029
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	5,131	4,925
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	146,625	140,760
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	6,509	6,249
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,179,600	1,132,416
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	8,455,964	8,117,725
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,632,747	5,407,437
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,883,385	2,768,049
				2,175,082	139,964,885	64.35	138,123,242	132,598,312
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	708,640	698,219
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,833,527	1,806,563
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	312,469	307,873
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	977,699	963,321
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	7,358,946	7,250,726
				178,505	11,685,014	65.46	11,191,281	11,026,703
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	501,847	501,847
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,981,075	3,981,075
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	204,845	204,845
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	97,779	97,779
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	706,502	706,502

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	67,452	67,452
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	288,916	288,916
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,302,747	4,302,747
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	888,064	888,064
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,310,664	5,310,664
				317,802	16,349,891	51.45	16,349,891	16,349,891
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	114,552	114,552
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,839,793	2,839,793
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,531,734	1,531,734
				128,585	4,672,999	36.34	4,486,079	4,486,079
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,420,642	1,399,750
Navy	MA	N93880	NWRF BEDFORD TOTAL	6,372	523,060	82.09	500,959	493,592
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,825,246	1,798,405
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,787,529	5,702,418
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	1,021,684	1,006,659
				148,520	11,021,768	74.21	10,556,059	10,400,823
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,494,763	5,406,137
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	19,895,444	19,574,550
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	13,585,583	13,366,461
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	422,460	415,646
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	111,999	110,193
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,637,575	1,611,163
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,205,990	2,170,410
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	106,456	104,739
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	87,199	85,793
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	1,011,298	994,986
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	333,227	327,852
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	249,970	245,939
Navy	MD	N68336	UNISURUOSHEASN BETHESDA TOTAL	17,817	1,037,857	58.25	1,005,424	989,207
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	4,177,035	4,109,663
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	528,517	519,993
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	146,686	144,320
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	383,479	377,294
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,120,194	1,102,126
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,556,474	6,450,724
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	4,218,387	4,150,349
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	5,085,490	5,003,466
				1,350,082	70,568,929	52.27	68,363,650	67,261,010
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	78,115	76,966
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	318,632	313,946
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	792,616	780,960
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,640,386	1,616,263
				41,133	2,954,590	71.83	2,829,748	2,788,134
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,700,922	1,700,922
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,294,788	2,294,788
				66,465	4,162,198	62.62	3,995,710	3,995,710
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,984,404	3,984,404
				70,839	3,213,229	45.36	3,984,404	3,984,404
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	594,439	585,697
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,319,386	3,270,571
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	484,757	477,628
				70,529	4,592,636	65.12	4,398,581	4,333,896
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,977,972	1,946,070
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	7,203,793	7,087,602
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	7,095,023	6,980,587
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,971,003	3,906,955
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,505,123	2,464,717
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,320,906	2,283,472
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	55,856	54,955
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,559	5,469
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	5,258,297	5,173,485
				381,254	31,373,968	82.29	30,393,532	29,903,313
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	517,677	496,970
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,608,107	1,543,782
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,725,822	4,536,789
				131,804	6,942,960	52.68	6,851,605	6,577,541
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	5,076,027	5,076,027
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,380,037	1,380,037
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,375,008	3,375,008
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	9,069,038	9,069,038
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	470,787	470,787
				273,620	20,115,931	73.52	19,370,897	19,370,897
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,759,913	2,715,398
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,395,423	1,372,917
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,344,815	2,306,995

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,750,467	2,706,105
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,817,527	1,788,212
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	308,849	303,868
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,646,875	1,620,313
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,232,481	1,212,602
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,306,056	3,252,733
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,412,197	1,389,420
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	561,883	552,820
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	365,047	359,159
				340,761	20,543,518	60.29	19,901,533	19,580,541
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	266,938	263,013
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	320,061	315,354
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,496,675	2,459,959
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	642,522	633,074
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	4,248,832	4,186,349
				96,233	8,326,867	86.53	7,975,028	7,857,748
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,561,288	9,561,288
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	803,766	803,766
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	344,517	344,517
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,142,121	2,142,121
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	991,965	991,965
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	257,670	257,670
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	8,213,658	8,213,658
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	58,843	58,843
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	87,375	87,375
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	181,169	181,169
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	234,934	234,934
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	812,867	812,867
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	880,073	880,073
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,268,924	1,268,924
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,371,104	3,371,104
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,389,907	2,389,907
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,985,794	1,985,794
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,400,760	1,400,760
				858,221	28,215,108	32.88	34,986,734	34,986,734
TOTAL				6,920,366	404,664,352		402,935,095	394,287,488

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				MWh	FY 1996 \$	\$/MWh	2001	2002
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,988,820	6,843,219
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	666,185	652,307
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	83,923	82,174
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,821,277	3,741,667
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,508,185	4,414,265
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,717,361	2,660,749
				290,929	19,959,861	68.61	18,785,752	18,394,382
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,484,003	8,366,169
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,105,755	1,090,397
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,398,684	1,379,258
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,090,648	1,075,501
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	16,035,712	15,812,994
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	13,157,012	12,974,276
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	260,077	256,465
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	134,371	132,505
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	47,997	47,331
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	172,512	170,116
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	420,586	414,745
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	283,195	279,262
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	292,203	288,145
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,515,220	2,480,286
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,698,649	1,675,056
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	16,932	16,697
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	712,872	702,971
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,845	9,708
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	637,560	628,705
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	847,447	835,677
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,469,794	1,449,380
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	669,145	659,852
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	103,276	101,842
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	14,193	13,995
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,191,334	1,174,787
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	341,989	337,239
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	60,751	59,907
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,412,337	2,378,833
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	3,006,558	2,964,800
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,204,502	2,173,884
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,275,255	3,229,766
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	709,749	699,891
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	938,472	925,437
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	882,842	870,581
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	141,533	139,567
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	227,528	224,367
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,997,307	3,941,789
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	3,944,069	3,889,290
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,789,951	2,751,201
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,338,785	3,292,413
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,800,454	6,706,003
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	1,024,012	1,009,790
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,891,570	2,851,410
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	598,162	589,854
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,613,056	1,590,652
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	9,110,120	8,983,591
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,075,420	1,060,484
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,570,605	1,548,791
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,717,807	6,624,504
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,494,865	2,460,214
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	84,029	82,862
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,925	4,857
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	140,760	138,805
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	6,249	6,162
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,132,416	1,116,688
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	8,117,725	8,004,979
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,407,437	5,332,334
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,768,049	2,729,604
				2,175,082	139,964,885	64.35	132,598,312	130,756,669
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	687,798	677,377
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,779,600	1,752,636
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	303,278	298,683
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	948,943	934,565
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	7,142,506	7,034,286
				178,505	11,685,014	65.46	10,862,126	10,697,548
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	501,847	501,847
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,981,075	3,981,075
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	204,845	204,845
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	97,779	97,779
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	706,502	706,502

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	67,452	67,452
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	288,916	288,916
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,302,747	4,302,747
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	888,064	888,064
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,310,664	5,310,664
				317,802	16,349,891	51.45	16,349,891	16,349,891
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	112,166	112,166
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,780,631	2,780,631
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,499,823	1,499,823
				128,585	4,672,999	36.34	4,392,619	4,392,619
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,378,858	1,357,966
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	486,225	478,858
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,771,563	1,744,721
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,617,307	5,532,197
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	991,634	976,609
				148,520	11,021,768	74.21	10,245,587	10,090,351
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,406,137	5,406,137
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	19,574,550	19,574,550
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	13,366,461	13,366,461
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	415,646	415,646
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	110,193	110,193
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,611,163	1,611,163
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,170,410	2,170,410
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	104,739	104,739
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	85,793	85,793
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	994,986	994,986
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	327,852	327,852
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	245,939	245,939
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	989,207	989,207
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	4,109,663	4,109,663
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	519,993	519,993
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	144,320	144,320
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	377,294	377,294
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,102,126	1,102,126
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,450,724	6,450,724
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	4,150,349	4,150,349
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	5,003,466	5,003,466
				1,350,082	70,568,929	52.27	67,261,010	67,261,010
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	75,817	74,669
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	309,260	304,574
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	769,303	757,647
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,592,139	1,568,016
				41,133	2,954,590	71.83	2,746,520	2,704,906
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,665,486	1,665,486
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,246,980	2,246,980
				66,465	4,162,198	62.62	3,912,466	3,912,466
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,984,404	3,984,404
				70,839	3,213,229	45.36	3,984,404	3,984,404
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	576,955	568,214
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,221,757	3,172,942
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	470,499	463,370
				70,529	4,592,636	65.12	4,269,211	4,204,526
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,946,070	1,946,070
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	7,087,602	7,087,602
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,980,587	6,980,587
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,906,955	3,906,955
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,464,717	2,464,717
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,283,472	2,283,472
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	54,955	54,955
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,469	5,469
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	5,173,485	5,173,485
				381,254	31,373,968	82.29	29,903,313	29,903,313
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	496,970	490,067
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,543,782	1,522,341
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,536,789	4,473,778
				131,804	6,942,960	52.68	6,577,541	6,486,186
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,978,411	4,880,795
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,353,498	1,326,958
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,310,104	3,245,200
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	8,894,633	8,720,229
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	461,733	452,680
				273,620	20,115,931	73.52	18,998,379	18,625,862
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,715,398	2,715,398
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,372,917	1,372,917
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,306,995	2,306,995

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,706,105	2,706,105
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,788,212	1,788,212
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	303,868	303,868
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,620,313	1,620,313
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,212,602	1,212,602
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,252,733	3,252,733
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,389,420	1,389,420
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	552,820	552,820
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	359,159	359,159
				340,761	20,543,518	60.29	19,580,541	19,580,541
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	259,087	255,162
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	310,647	305,940
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,423,243	2,386,527
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	623,625	614,176
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	4,123,866	4,061,383
				96,233	8,326,867	86.53	7,740,468	7,623,188
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,561,288	9,561,288
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	803,766	803,766
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	344,517	344,517
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,142,121	2,142,121
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	991,965	991,965
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	257,670	257,670
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	8,213,658	8,213,658
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	58,843	58,843
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	87,375	87,375
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	181,169	181,169
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	234,934	234,934
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	812,867	812,867
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	880,073	880,073
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,268,924	1,268,924
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,371,104	3,371,104
Navy	WA	N00253	NAVUNWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,389,907	2,389,907
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,985,794	1,985,794
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,400,760	1,400,760
				858,221	28,215,108	32.88	34,986,734	34,986,734
TOTAL				6,920,366	404,664,352		393,194,874	389,954,597

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				FY 1996			2003	2004
				MWh	\$	\$/MWh		
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,843,219	6,843,219
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	652,307	652,307
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	82,174	82,174
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,741,667	3,741,667
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,414,265	4,414,265
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,660,749	2,660,749
				290,929	19,959,861	68.61	18,394,382	18,394,382
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,366,169	8,248,336
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,090,397	1,075,040
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,379,258	1,359,832
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,075,501	1,060,353
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	15,812,994	15,590,276
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	12,974,276	12,791,539
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	256,465	252,853
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	132,505	130,638
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	47,331	46,664
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	170,116	167,720
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	414,745	408,903
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	279,262	275,328
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	288,145	284,087
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,480,286	2,445,352
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,675,056	1,651,464
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	16,697	16,462
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	702,971	693,070
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,708	9,572
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	628,705	619,850
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	835,677	823,906
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,449,380	1,428,966
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	659,852	650,558
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	101,842	100,408
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	13,995	13,798
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,174,787	1,158,241
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	337,239	332,489
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	59,907	59,063
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,378,833	2,345,328
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	2,964,800	2,923,043
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,173,884	2,143,266
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,229,766	3,184,276
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	699,891	690,033
Navy	CA	D60701	NWS SEAL BEACH TOTAL	20,496	990,609	48.33	925,437	912,403
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	870,581	858,319
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	139,567	137,602
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	224,367	221,207
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,941,789	3,886,271
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	3,889,290	3,834,512
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,751,201	2,712,452
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,292,413	3,246,041
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,706,003	6,611,552
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	1,009,790	995,568
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,851,410	2,811,249
Navy	CA	N61665	FTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	589,854	581,546
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,590,652	1,568,249
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	8,983,591	8,857,061
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,060,484	1,045,548
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,548,791	1,526,977
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,624,504	6,531,201
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,460,214	2,425,564
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	82,862	81,695
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,857	4,789
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	138,805	136,850
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	6,162	6,075
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,116,688	1,100,960
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	8,004,979	7,892,233
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,332,334	5,257,230
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,729,604	2,691,159
				2,175,082	139,964,885	64.35	130,756,669	128,915,026
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	677,377	666,956
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,752,636	1,725,673
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	298,683	294,088
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	934,565	920,187
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	128,980	7,683,605	60.51	7,034,286	6,926,066
				178,505	11,685,014	65.46	10,697,548	10,532,970
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	501,847	501,847
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,981,075	3,981,075
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	204,845	204,845
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	97,779	97,779
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	706,502	706,502

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	67,452	67,452
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	288,916	288,916
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,302,747	4,302,747
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	888,064	888,064
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,310,664	5,310,664
				317,802	16,349,891	51.45	16,349,891	16,349,891
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	109,779	109,779
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,721,469	2,721,469
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,467,912	1,467,912
				128,585	4,672,999	36.34	4,299,159	4,299,159
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,357,966	1,337,074
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	478,858	471,491
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,744,721	1,717,879
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,532,197	5,447,086
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	976,609	961,585
				148,520	11,021,768	74.21	10,090,351	9,935,115
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,317,512	5,228,887
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	19,253,656	18,932,762
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	13,147,339	12,928,216
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	408,833	402,019
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	108,386	106,580
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,584,750	1,558,338
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,134,829	2,099,249
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	103,022	101,305
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	84,386	82,980
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	978,675	962,364
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	322,478	317,103
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	241,907	237,875
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	972,991	956,774
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	4,042,292	3,974,920
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	511,468	502,944
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	141,954	139,588
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	371,108	364,923
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,084,058	1,065,991
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,344,975	6,239,225
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	4,082,310	4,014,272
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	4,921,442	4,839,418
				1,350,082	70,568,929	52.27	66,158,371	65,055,731
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	74,669	73,520
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	304,574	299,889
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	757,647	745,991
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,568,016	1,543,893
				41,133	2,954,590	71.83	2,704,906	2,663,292
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,630,050	1,630,050
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,199,172	2,199,172
				66,465	4,162,198	62.62	3,829,222	3,829,222
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	4,112,933	3,984,404
				70,839	3,213,229	45.36	4,112,933	3,984,404
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	568,214	559,472
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,172,942	3,124,128
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	463,370	456,242
				70,529	4,592,636	65.12	4,204,526	4,139,841
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,914,167	1,882,264
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	6,971,412	6,855,222
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,866,152	6,751,716
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,842,906	3,778,858
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,424,312	2,383,907
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,246,038	2,208,604
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	54,054	53,153
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,379	5,290
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	5,088,674	5,003,863
				381,254	31,373,968	82.29	29,413,095	28,922,877
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	490,067	483,165
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,522,341	1,500,899
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,473,778	4,410,767
				131,804	6,942,960	52.68	6,486,186	6,394,832
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,880,795	4,685,564
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,326,958	1,273,880
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,245,200	3,115,392
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	8,720,229	8,371,420
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	452,680	434,572
				273,620	20,115,931	73.52	18,625,862	17,880,828
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,670,883	2,626,368
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,350,410	1,327,903
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,269,176	2,231,356

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,661,743	2,617,380
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,758,897	1,729,582
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	298,886	293,905
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,593,750	1,567,188
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,192,723	1,172,844
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,199,409	3,146,086
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,366,642	1,343,865
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	543,758	534,695
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	353,272	347,384
				340,761	20,543,518	60.29	19,259,548	18,938,556
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	255,162	251,236
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	305,940	301,234
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,386,527	2,349,811
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	614,176	604,727
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	4,061,383	3,998,900
				96,233	8,326,867	86.53	7,623,188	7,505,908
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,869,716	9,561,288
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	829,693	803,766
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	355,630	344,517
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,211,222	2,142,121
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	1,023,964	991,965
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	265,981	257,670
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	8,478,615	8,213,658
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	60,741	58,843
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	90,194	87,375
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	187,013	181,169
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	242,513	234,934
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	839,089	812,867
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	908,462	880,073
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,309,857	1,268,924
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,479,849	3,371,104
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,467,000	2,389,907
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	2,049,852	1,985,794
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,445,946	1,400,760
				858,221	28,215,108	32.88	36,115,338	34,986,734
TOTAL				6,920,366	404,664,352		389,121,176	382,728,767

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				MWh	FY 1996 \$	\$/MWh	2005	2006
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,843,219	6,697,619
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	652,307	638,428
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	82,174	80,426
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,741,667	3,662,057
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,414,265	4,320,344
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,660,749	2,604,138
				290,929	19,959,861	68.61	18,394,382	18,003,012
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,012,669	8,012,669
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,044,324	1,044,324
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,320,980	1,320,980
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,030,057	1,030,057
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	15,144,839	15,144,839
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	12,426,067	12,426,067
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	245,629	245,629
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	126,906	126,906
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	45,331	45,331
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	162,928	162,928
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	397,220	397,220
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	267,462	267,462
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	275,970	275,970
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,375,485	2,375,485
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,604,279	1,604,279
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	15,992	15,992
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	673,268	673,268
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,298	9,298
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	602,140	602,140
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	800,366	800,366
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,388,139	1,388,139
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	631,971	631,971
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	97,539	97,539
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	13,404	13,404
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,125,149	1,125,149
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	322,989	322,989
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	57,376	57,376
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,278,319	2,278,319
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	2,839,527	2,839,527
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,082,029	2,082,029
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,093,297	3,093,297
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	670,318	670,318
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	886,334	886,334
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	833,795	833,795
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	133,670	133,670
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	214,887	214,887
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,775,235	3,775,235
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	3,724,954	3,724,954
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,634,953	2,634,953
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,153,297	3,153,297
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,422,651	6,422,651
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	967,123	967,123
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,730,927	2,730,927
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	564,931	564,931
Navy	CA	N91285	NIROP SANNYVALE TOTAL	28,383	1,702,670	59.99	1,523,442	1,523,442
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	8,604,002	8,604,002
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,015,675	1,015,675
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,483,349	1,483,349
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,344,595	6,344,595
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,356,262	2,356,262
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	79,360	79,360
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,652	4,652
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	132,940	132,940
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	5,902	5,902
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,069,504	1,069,504
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	7,666,741	7,666,741
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,107,024	5,107,024
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,614,269	2,614,269
				2,175,082	139,964,885	64.35	125,231,739	125,231,739
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	666,956	666,956
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,725,673	1,725,673
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	294,088	294,088
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	920,187	920,187
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	6,926,066	6,926,066
				178,505	11,685,014	65.46	10,532,970	10,532,970
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	490,695	479,543
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,892,607	3,804,138
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	200,293	195,741
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	95,606	93,433
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	690,802	675,102

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	65,953	64,454
Navy	IL	N68330	NRRR GREAT LAKES TOTAL	4,008	288,916	72.08	282,496	276,075
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,207,130	4,111,514
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	868,329	848,594
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,192,649	5,074,634
				317,802	16,349,891	51.45	15,986,560	15,623,229
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	107,393	107,393
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,662,306	2,662,306
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,436,000	1,436,000
				128,585	4,672,999	36.34	4,205,699	4,205,699
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,337,074	1,337,074
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	471,491	471,491
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,717,879	1,717,879
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,447,086	5,447,086
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	961,585	961,585
				148,520	11,021,768	74.21	9,935,115	9,935,115
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,140,262	5,228,887
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	18,611,867	18,932,762
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	12,709,094	12,928,216
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	395,205	402,019
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	104,773	106,580
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,531,925	1,558,338
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,063,668	2,099,249
Navy	MD	N62640	NSROD INDIAN HEAD TOTAL	1,792	109,890	61.32	99,588	101,305
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	81,573	82,980
Navy	MD	N0464A	NEOTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	946,052	962,364
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	311,728	317,103
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	233,843	237,875
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	940,558	956,774
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	3,907,549	3,974,920
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	494,419	502,944
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	137,223	139,588
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	358,738	364,923
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,047,923	1,065,991
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,133,476	6,239,225
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	3,946,233	4,014,272
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	4,757,394	4,839,418
				1,350,082	70,568,929	52.27	63,953,092	65,055,731
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	73,520	73,520
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	299,889	299,889
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	745,991	745,991
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,543,893	1,543,893
				41,133	2,954,590	71.83	2,663,292	2,663,292
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,594,615	1,594,615
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,151,364	2,151,364
				66,465	4,162,198	62.62	3,745,978	3,745,978
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,984,404	3,984,404
				70,839	3,213,229	45.36	3,984,404	3,984,404
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	559,472	559,472
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,124,128	3,124,128
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	456,242	456,242
				70,529	4,592,636	65.12	4,139,841	4,139,841
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,850,361	1,882,264
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	6,739,032	6,855,222
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,637,280	6,751,716
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,714,809	3,778,858
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,343,502	2,383,907
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,171,170	2,208,604
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	52,253	53,153
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,200	5,290
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	4,919,052	5,003,863
				381,254	31,373,968	82.29	28,432,659	28,922,877
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	469,360	469,360
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,458,017	1,458,017
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,284,745	4,284,745
				131,804	6,942,960	52.68	6,212,122	6,212,122
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,685,564	4,685,564
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,273,880	1,273,880
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,115,392	3,115,392
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	8,371,420	8,371,420
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	434,572	434,572
				273,620	20,115,931	73.52	17,880,828	17,880,828
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,581,854	2,626,368
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,305,396	1,327,903
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,193,536	2,231,356

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,573,018	2,617,380
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,700,267	1,729,582
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	288,923	293,905
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,540,625	1,567,188
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,152,966	1,172,844
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,092,762	3,146,086
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,321,088	1,343,865
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	525,632	534,695
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	341,496	347,384
				340,761	20,543,518	60.29	18,617,563	18,938,556
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	251,236	251,236
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	301,234	301,234
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,349,811	2,349,811
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	604,727	604,727
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	3,998,900	3,998,900
				96,233	8,326,867	86.53	7,505,908	7,505,908
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,561,288	9,561,288
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	803,766	803,766
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	344,517	344,517
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,142,121	2,142,121
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	991,965	991,965
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	257,670	257,670
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	8,213,658	8,213,658
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	58,843	58,843
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	87,375	87,375
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	181,169	181,169
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	234,934	234,934
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	812,867	812,867
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	880,073	880,073
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,268,924	1,268,924
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,371,104	3,371,104
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,389,907	2,389,907
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,985,794	1,985,794
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,400,760	1,400,760
				858,221	28,215,108	32.88	34,986,734	34,986,734
TOTAL				6,920,366	404,664,352		376,408,886	377,568,036

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				FY 1996			2007	2008
				MWh	\$	\$/MWh		
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,697,619	6,552,019
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	638,428	624,549
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	80,426	78,678
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,662,057	3,582,447
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,320,344	4,226,424
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,604,138	2,547,526
				290,929	19,959,861	68.61	18,003,012	17,611,642
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,012,669	7,777,002
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,044,324	1,013,609
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,320,980	1,282,127
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,030,057	999,761
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	15,144,839	14,699,403
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	12,426,067	12,060,594
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	245,629	238,404
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	126,906	123,173
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	45,331	43,998
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	162,928	158,136
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	397,220	385,537
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	267,462	259,595
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	275,970	267,853
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,375,485	2,305,618
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,604,279	1,557,095
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	15,992	15,521
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	673,268	653,466
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,298	9,025
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	602,140	584,430
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	800,366	776,826
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,388,139	1,347,311
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	631,971	613,383
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	97,539	94,670
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	13,404	13,010
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,125,149	1,092,056
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	322,989	313,490
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	57,376	55,688
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,278,319	2,211,309
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	2,839,527	2,756,012
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,082,029	2,020,793
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,093,297	3,002,317
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	670,318	650,603
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	886,334	860,266
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	833,795	809,272
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	133,670	129,739
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	214,887	208,567
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,775,235	3,664,198
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	3,724,954	3,615,397
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,634,953	2,557,455
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,153,297	3,060,553
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,422,651	6,233,749
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	967,123	938,678
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,730,927	2,650,606
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	564,931	548,315
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,523,442	1,478,634
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	8,604,002	8,350,944
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,015,675	985,802
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,483,349	1,439,721
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,344,595	6,157,989
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,356,262	2,286,960
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	79,360	77,026
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,652	4,515
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	132,940	129,030
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	5,902	5,728
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,069,504	1,038,048
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	7,666,741	7,441,248
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,107,024	4,956,817
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,614,269	2,537,379
				2,175,082	139,964,885	64.35	125,231,739	121,548,453
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	646,113	635,692
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,671,745	1,644,782
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	284,898	280,303
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	891,432	877,054
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	6,709,627	6,601,407
				178,505	11,685,014	65.46	10,203,815	10,039,237
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	490,695	490,695
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,892,607	3,892,607
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	200,293	200,293
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	95,606	95,606
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	690,802	690,802

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	65,953	65,953
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	282,496	282,496
Navy	IL	N00210	NRTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,207,130	4,207,130
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	868,329	868,329
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,192,649	5,192,649
				317,802	16,349,891	51.45	15,986,560	15,986,560
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	107,393	107,393
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,662,306	2,662,306
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,436,000	1,436,000
				128,585	4,672,999	36.34	4,205,699	4,205,699
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,295,291	1,274,399
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	456,757	449,390
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,664,195	1,637,353
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,276,865	5,191,754
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	931,535	916,510
				148,520	11,021,768	74.21	9,624,642	9,469,406
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	5,140,262	4,874,386
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	18,611,867	17,649,185
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	12,709,094	12,051,727
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	395,205	374,763
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	104,773	99,354
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,531,925	1,452,688
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	2,063,668	1,956,927
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	99,588	94,437
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	81,573	77,354
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	946,052	897,119
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	311,728	295,604
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	233,843	221,748
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	940,558	891,908
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	3,907,549	3,705,434
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	494,419	468,846
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	137,223	130,125
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	358,738	340,183
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,047,923	993,720
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	6,133,476	5,816,227
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	3,946,233	3,742,118
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	4,757,394	4,511,322
				1,350,082	70,568,929	52.27	63,953,092	60,645,173
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	71,222	70,074
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	290,517	285,831
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	722,679	711,023
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,495,646	1,471,523
				41,133	2,954,590	71.83	2,580,065	2,538,451
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,594,615	1,594,615
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,151,364	2,151,364
				66,465	4,162,198	62.62	3,745,978	3,745,978
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,984,404	3,984,404
				70,839	3,213,229	45.36	3,984,404	3,984,404
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	541,988	533,247
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,026,499	2,977,684
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	441,984	434,855
				70,529	4,592,636	65.12	4,010,471	3,945,786
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,850,361	1,754,653
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	6,739,032	6,390,461
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,637,280	6,293,972
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,714,809	3,522,664
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,343,502	2,222,286
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,171,170	2,058,868
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	52,253	49,550
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,200	4,931
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	4,919,052	4,664,618
				381,254	31,373,968	82.29	28,432,659	26,962,004
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	469,360	455,555
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,458,017	1,415,134
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,284,745	4,158,723
				131,804	6,942,960	52.68	6,212,122	6,029,413
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,685,564	4,587,948
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,273,880	1,247,341
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	3,115,392	3,050,488
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	8,371,420	8,197,015
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	434,572	425,519
				273,620	20,115,931	73.52	17,880,828	17,508,310
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,581,854	2,448,310
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,305,396	1,237,876
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,193,536	2,080,078

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,573,018	2,439,931
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,700,267	1,612,322
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	288,923	273,979
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,540,625	1,460,938
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,152,966	1,093,330
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	3,092,762	2,932,792
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,321,088	1,252,756
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	525,632	498,444
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	341,496	323,832
				340,761	20,543,518	60.29	18,617,563	17,654,586
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	243,385	239,459
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	291,820	287,113
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,276,380	2,239,664
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	585,829	576,380
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	3,873,935	3,811,452
				96,233	8,326,867	86.53	7,271,349	7,154,069
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,561,288	9,561,288
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	803,766	803,766
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	344,517	344,517
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,142,121	2,142,121
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	991,965	991,965
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	257,670	257,670
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	8,213,658	8,213,658
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	58,843	58,843
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	87,375	87,375
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	181,169	181,169
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	234,934	234,934
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	812,867	812,867
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	880,073	880,073
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,268,924	1,268,924
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,371,104	3,371,104
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,389,907	2,389,907
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,985,794	1,985,794
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,400,760	1,400,760
				858,221	28,215,108	32.88	34,986,734	34,986,734
TOTAL				6,920,366	404,664,352		374,930,731	364,015,905

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				FY 1996				
				MWh	\$	\$/MWh	2009	2010
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,406,418	6,406,418
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	610,670	610,670
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	76,929	76,929
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,502,837	3,502,837
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,132,503	4,132,503
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,490,914	2,490,914
				290,929	19,959,861	68.61	17,220,272	17,220,272
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	8,012,669	7,894,836
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,044,324	1,028,967
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,320,980	1,301,553
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,030,057	1,014,909
Navy	CA	P63387	PWVC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	15,144,839	14,922,121
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	12,426,067	12,243,331
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	245,629	242,016
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	126,906	125,040
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	45,331	44,664
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	162,928	160,532
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	397,220	391,379
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	267,462	263,529
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	275,970	271,912
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,375,485	2,340,552
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,604,279	1,580,687
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	15,992	15,756
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	673,268	663,367
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,298	9,161
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	602,140	593,285
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	800,366	788,596
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,388,139	1,367,725
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	631,971	622,677
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	97,539	96,104
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	13,404	13,207
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,319	74.20	1,125,149	1,108,602
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,388	73.39	322,989	318,239
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	57,376	56,532
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,278,319	2,244,814
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	2,839,527	2,797,769
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,082,029	2,051,411
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,093,297	3,047,807
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	670,318	660,460
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	886,334	873,300
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	833,795	821,534
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	133,670	131,704
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	214,887	211,727
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,775,235	3,719,717
Navy	CA	D63126	PMTIC POINT MUGU MB	64,556	4,163,184	64.49	3,724,954	3,670,175
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,634,953	2,596,204
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,153,297	3,106,925
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,422,651	6,328,200
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	967,123	952,900
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,730,927	2,690,767
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	564,931	556,623
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,523,442	1,501,038
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	8,604,002	8,477,473
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,015,675	1,000,738
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,483,349	1,461,535
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,344,595	6,251,292
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,356,262	2,321,611
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	79,360	78,193
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,652	4,583
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	132,940	130,985
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	5,902	5,815
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,069,504	1,053,776
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	7,666,741	7,553,994
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,107,024	5,031,920
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,614,269	2,575,824
				2,175,082	139,964,885	64.35	125,231,739	123,390,096
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	666,956	646,113
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,725,673	1,671,745
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	294,088	284,898
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	920,187	891,432
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	6,926,066	6,709,627
				178,505	11,685,014	65.46	10,532,970	10,203,815
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	479,543	479,543
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,804,138	3,804,138
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	195,741	195,741
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	93,433	93,433
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	675,102	675,102

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	64,454	64,454
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	276,075	276,075
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,111,514	4,111,514
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	848,594	848,594
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	5,074,634	5,074,634
				317,802	16,349,891	51.45	15,623,229	15,623,229
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	107,393	105,006
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,662,306	2,603,144
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,436,000	1,404,089
				128,585	4,672,999	36.34	4,205,699	4,112,239
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,337,074	1,295,291
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	471,491	456,757
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,717,879	1,664,195
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,447,086	5,276,865
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	961,585	931,535
				148,520	11,021,768	74.21	9,935,115	9,624,642
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	4,963,011	5,051,637
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	17,970,079	18,290,973
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	12,270,849	12,489,972
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	381,577	388,391
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	101,161	102,967
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,479,100	1,505,513
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	1,992,507	2,028,088
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	96,154	97,871
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	78,760	80,167
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	913,430	929,741
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	300,979	306,354
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	225,780	229,812
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	908,125	924,341
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	3,772,806	3,840,177
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	477,370	485,895
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	132,491	134,857
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	346,368	352,553
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	1,011,788	1,029,856
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	5,921,976	6,027,726
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	3,810,156	3,878,195
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	4,593,346	4,675,370
				1,350,082	70,568,929	52.27	61,747,813	62,850,452
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	73,520	71,222
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	299,889	290,517
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	745,991	722,679
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,543,893	1,495,646
				41,133	2,954,590	71.83	2,663,292	2,580,065
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,594,615	1,559,179
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,151,364	2,103,556
				66,465	4,162,198	62.62	3,745,978	3,662,734
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,855,875	3,855,875
				70,839	3,213,229	45.36	3,855,875	3,855,875
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	559,472	541,988
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,124,128	3,026,499
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	456,242	441,984
				70,529	4,592,636	65.12	4,139,841	4,010,471
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,786,556	1,818,459
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	6,506,651	6,622,842
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,408,408	6,522,844
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,586,712	3,650,761
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,262,691	2,303,097
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,096,302	2,133,736
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	50,451	51,352
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	5,021	5,110
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	4,749,429	4,834,240
				381,254	31,373,968	82.29	27,452,222	27,942,440
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	469,360	462,458
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,458,017	1,436,575
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,284,745	4,221,734
				131,804	6,942,960	52.68	6,212,122	6,120,767
Army	NY	NA	U S MILITARY ACADEMY	85,636	5,271,259	61.55	4,392,716	4,587,948
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,194,262	1,247,341
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	2,920,680	3,050,488
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	7,848,206	8,197,015
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	407,412	425,519
				273,820	20,115,931	73.52	16,763,276	17,508,310
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,492,824	2,537,339
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,260,382	1,282,889
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,117,897	2,155,717

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,484,293	2,528,655
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,641,637	1,670,952
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	278,960	283,942
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,487,500	1,514,062
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,113,208	1,133,087
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	2,986,115	3,039,439
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,275,533	1,298,310
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	507,507	516,570
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	329,720	335,608
				340,761	20,543,518	60.29	17,975,578	18,296,571
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	251,236	243,385
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	301,234	291,820
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,608,822	88.38	2,349,811	2,276,380
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	604,727	585,829
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	3,998,900	3,873,935
				96,233	8,326,867	86.53	7,505,908	7,271,349
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,252,859	9,252,859
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	777,838	777,838
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	333,403	333,403
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,073,020	2,073,020
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	959,966	959,966
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	249,358	249,358
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	7,948,702	7,948,702
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	56,945	56,945
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	84,557	84,557
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	175,325	175,325
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	227,356	227,356
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	786,646	786,646
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	851,683	851,683
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,227,991	1,227,991
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,262,358	3,262,358
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,312,813	2,312,813
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,921,736	1,921,736
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,355,574	1,355,574
				858,221	28,215,108	32.88	33,858,130	33,858,130
TOTAL				6,920,366	404,664,352		368,669,060	368,131,458

DOD Electric Power Usage and Cost Baseline
Group of 17 - Main Base Only

				FY 1996			2011	NPV
				MWh	\$	\$/MWh		
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	6,260,818	76,065,021
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	596,791	7,250,639
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	75,181	913,400
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	3,423,227	41,590,074
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	4,038,583	49,066,256
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	2,434,303	29,575,254
				290,929	19,959,861	68.61	16,828,902	204,460,643
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	7,894,836	92,720,083
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	1,028,967	12,084,592
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	1,301,553	15,285,960
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	1,014,909	11,919,493
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	14,922,121	175,251,311
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	12,243,331	143,790,533
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	242,016	2,842,336
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	125,040	1,468,515
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	44,664	524,555
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	160,532	1,885,352
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	391,379	4,596,507
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	263,529	3,094,985
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	271,912	3,193,437
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	2,340,552	27,488,366
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	1,580,687	18,564,215
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	15,756	185,050
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	663,367	7,790,845
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	9,161	107,595
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	593,285	6,967,774
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	788,596	9,261,586
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	1,367,725	16,063,103
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	622,677	7,312,964
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	96,104	1,128,689
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	13,207	155,107
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	1,108,602	13,019,865
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	318,239	3,737,530
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	56,532	663,936
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	2,244,814	26,363,985
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	2,797,769	32,858,112
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	2,051,411	24,092,588
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	3,047,807	35,794,656
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	660,460	7,756,709
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	873,300	10,256,382
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	821,534	9,648,418
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	131,704	1,546,788
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	211,727	2,486,607
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	3,719,717	43,685,828
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	3,670,175	43,103,996
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	2,596,204	30,490,852
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	3,106,925	36,488,959
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	6,328,200	74,320,895
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	952,900	11,191,241
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	2,690,767	31,601,432
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	556,623	6,537,199
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	1,501,038	17,628,786
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	8,477,473	99,562,807
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	1,000,738	11,753,069
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	1,461,535	17,164,851
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	6,251,292	73,417,656
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	2,321,611	27,265,919
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	78,193	918,334
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	4,583	53,828
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	130,985	1,538,340
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	5,815	68,292
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	1,053,776	12,375,964
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	7,553,994	88,717,107
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	5,031,920	59,096,870
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	2,575,824	30,251,497
				2,175,082	139,964,885	64.35	123,390,096	1,449,142,257
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	656,535	7,559,928
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	1,698,709	19,560,460
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	289,493	3,333,482
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	905,810	10,430,305
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	6,817,847	78,506,811
				178,505	11,685,014	65.46	10,368,393	119,390,986
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	468,391	5,487,040
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,715,670	43,527,845
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	191,189	2,239,712
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	91,260	1,069,085
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	659,402	7,724,675

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	62,955	737,499
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	269,655	3,158,918
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	4,015,897	47,044,908
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	828,860	9,709,818
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	4,956,620	58,065,161
				317,802	16,349,891	51.45	15,259,898	178,764,662
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	102,620	1,229,539
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	2,543,981	30,480,788
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	1,372,178	16,440,792
				128,585	4,672,999	36.34	4,018,779	48,151,119
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	1,316,183	15,155,710
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	464,124	5,344,337
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	1,691,037	19,472,120
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	5,361,975	61,742,599
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	946,560	10,899,541
				148,520	11,021,768	74.21	9,779,879	112,614,307
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	4,874,386	58,579,119
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	17,649,185	212,103,362
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	12,051,727	144,834,558
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	374,763	4,503,807
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	99,354	1,194,012
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	1,452,688	17,458,025
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	1,956,927	23,517,841
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	94,437	1,134,916
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	77,354	929,621
Navy	MD	N04644	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	897,119	10,781,342
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	295,604	3,552,497
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	221,748	2,664,910
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	891,908	10,718,725
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	3,705,434	44,530,955
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	468,846	5,634,468
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	130,125	1,563,807
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	340,183	4,088,229
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	993,720	11,942,274
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	5,816,227	69,897,918
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	3,742,118	44,971,806
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	4,511,322	54,215,904
				1,350,082	70,568,929	52.27	60,645,173	728,818,096
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	72,371	833,345
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	295,203	3,399,232
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	734,335	8,455,794
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	1,519,769	17,499,990
				41,133	2,954,590	71.83	2,621,678	30,188,360
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	1,523,743	18,256,769
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	2,055,747	24,630,998
				66,465	4,162,198	62.62	3,579,490	42,887,766
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	3,855,875	43,566,615
				70,839	3,213,229	45.36	3,855,875	43,566,615
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	550,730	6,341,600
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	3,075,313	35,411,917
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	449,113	5,171,488
				70,529	4,592,636	65.12	4,075,156	46,925,005
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	1,754,653	21,086,968
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	6,390,461	76,798,919
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	6,293,972	75,639,340
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	3,522,664	42,334,471
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	2,222,286	26,706,864
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	2,058,868	24,742,949
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	49,550	595,477
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	4,931	59,261
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	4,664,618	56,058,178
				381,254	31,373,968	82.29	26,962,004	324,022,427
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	462,458	5,431,288
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	1,436,575	16,871,709
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	4,221,734	49,581,724
				131,804	6,942,960	52.68	6,120,767	71,884,721
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,490,332	53,748,845
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,220,802	14,612,880
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	2,985,584	35,737,157
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	8,022,610	96,029,886
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	416,465	4,985,050
				273,620	20,115,931	73.52	17,135,793	205,113,818
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	2,448,310	29,423,154
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	1,237,876	14,876,470
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	2,080,078	24,997,838

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	2,439,931	29,322,459
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	1,612,322	19,376,476
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	273,979	3,292,610
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	1,460,938	17,557,171
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	1,093,330	13,139,353
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	2,932,792	35,245,536
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	1,252,756	15,055,295
USAF	PA	FP6637	WILLOW GROVE AFS	7,073	580,008	82.00	498,444	5,990,176
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	323,832	3,891,733
				340,761	20,543,518	60.29	17,654,586	212,168,271
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	247,310	2,847,755
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	296,527	3,414,476
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	2,313,096	26,635,060
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	595,278	6,854,567
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	3,936,417	45,327,446
				96,233	8,326,867	86.53	7,388,628	85,079,305
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	9,252,859	104,545,862
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	777,838	8,788,603
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	333,403	3,767,044
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	2,073,020	23,422,566
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	959,966	10,846,433
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	249,358	2,817,432
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	7,948,702	89,810,495
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	56,945	643,406
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	84,557	955,387
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	175,325	1,980,953
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	227,356	2,568,837
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	786,646	8,888,122
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	851,683	9,622,967
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	1,227,991	13,874,781
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	3,262,358	36,860,614
Navy	WA	N00253	NAVUNWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	2,312,813	26,131,923
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	1,921,736	21,713,244
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	1,355,574	15,316,309
				858,221	28,215,108	32.88	33,858,130	382,554,978
TOTAL				6,920,366	404,664,352		363,543,228	4,285,733,337

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Group of 17 - Main Base Only

				FY 1996			
				MWh	\$	\$/MWh	Total
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	101,920,288
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	9,715,204
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	1,223,875
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	55,726,959
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	65,744,371
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	39,628,180
				290,929	19,959,861	68.61	273,958,876
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	124,196,370
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	16,187,027
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	20,475,184
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	15,965,881
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	234,745,008
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	192,604,035
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	3,807,242
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	1,967,041
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	702,630
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	2,525,384
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	6,156,913
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	4,145,659
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	4,277,534
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	36,820,020
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	24,866,329
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	247,870
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	10,435,654
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	144,121
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	9,333,170
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	12,405,677
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	21,516,148
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	9,795,543
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	1,511,852
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	207,763
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	17,439,803
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	5,006,334
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	889,326
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	35,313,937
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	44,012,669
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	32,271,455
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	47,946,099
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	10,389,930
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	13,738,183
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	12,923,829
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	2,071,887
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	3,330,751
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	58,516,138
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	57,736,789
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	40,841,779
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	48,876,102
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	99,551,090
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	14,990,404
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	42,329,375
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	8,756,424
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	23,613,344
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	133,362,038
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	15,742,960
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	22,991,914
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	98,341,223
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	36,522,057
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	1,230,087
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	72,102
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	2,060,570
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	91,476
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	16,577,312
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	118,834,478
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	79,158,867
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	40,521,169
				2,175,082	139,964,885	64.35	1,941,091,958
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	10,139,811
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	26,235,616
Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	4,471,058
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	13,989,725
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	105,297,854
				178,505	11,685,014	65.46	160,134,065
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	7,382,727
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	58,566,037
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	3,013,498
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	1,438,438
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	10,393,429

Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	992,294
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	4,250,275
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	63,298,189
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	13,064,408
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	78,125,768
				317,802	16,349,891	51.45	240,525,063
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	1,649,072
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	40,881,191
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	22,050,584
				128,585	4,672,999	36.34	64,580,846
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	20,327,710
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	7,168,132
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	26,117,129
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	82,812,729
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	14,619,092
				148,520	11,021,768	74.21	151,044,792
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	78,521,930
Army	MD	NA	FT MEADE	421,883	20,537,233	48.68	284,312,319
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	194,142,369
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	6,037,093
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	1,600,504
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	23,401,475
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	31,524,309
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	1,521,290
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	1,246,104
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	14,451,768
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	4,761,918
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	3,572,158
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	14,367,833
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	59,691,177
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	7,552,679
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	2,096,193
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	5,480,035
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	16,007,930
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	93,694,126
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	60,282,111
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	72,673,292
				1,350,082	70,568,929	52.27	976,938,611
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,567	93.00	1,117,730
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	4,559,245
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	11,341,398
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	23,471,994
				41,133	2,954,590	71.83	40,490,367
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	24,486,193
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	33,035,383
				66,465	4,162,198	62.62	57,521,576
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	58,866,355
				70,839	3,213,229	45.36	58,866,355
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	8,505,719
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	47,496,502
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	6,936,298
				70,529	4,592,636	65.12	62,938,519
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	28,265,864
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	102,944,520
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	101,390,171
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	56,746,916
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	35,799,010
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	33,166,496
Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	798,203
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	79,435
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	75,142,754
				381,254	31,373,968	82.29	434,333,370
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	7,275,082
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	22,599,258
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	66,413,552
				131,804	6,942,960	52.68	96,287,893
Army	NY	NA	U S MILITARY ACADEMY	85,636	5,271,259	61.55	71,942,924
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	19,559,366
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	47,834,248
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	128,536,171
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	6,672,498
				273,620	20,115,931	73.52	274,545,206
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	39,440,041
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	19,941,050
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	33,508,160

Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	39,305,064
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	25,973,048
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	4,413,554
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	23,534,375
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	17,612,545
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	47,244,607
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	20,180,754
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	8,029,486
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	5,216,643
				340,761	20,543,518	60.29	284,399,327
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	3,819,573
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	4,579,692
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	35,724,476
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	9,193,740
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	60,795,781
				96,233	8,326,867	86.53	114,113,262
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	141,260,317
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	11,874,987
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	5,089,956
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	31,648,111
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	14,655,487
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	3,806,859
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	121,350,178
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	869,357
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	1,290,900
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	2,676,625
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	3,470,962
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	12,009,456
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	13,002,364
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	18,747,332
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	49,805,338
Navy	WA	N00253	NAVUNWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	35,308,942
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	29,338,509
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	20,695,096
				858,221	28,215,108	32.88	516,900,779
TOTAL				6,920,366	404,664,352		5,748,670,866

APPENDIX A-2

**USAGE AND COST BASELINE -- MILITARY
FAMILY HOUSING**

17-STATE SUBGROUP

DOD Electric Power Usage and Costs Baseline
Group of 17 - Military Family Housing Only

				FY 1996		Baseline Total Costs (\$)			
				MWh	\$	\$/MWh	1997	1998	1999
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	853,292	841,761	841,761
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	1,418,584	1,399,414	1,399,414
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	777,674	767,165	767,165
				46,191	3,131,970	67.80	3,049,550	3,008,340	3,008,340
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.67	1,945	1,945	1,927
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	7,088	7,088	7,020
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	230,565	230,565	228,348
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	287,042	287,042	284,282
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	2,973,388	2,973,388	2,944,797
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	49,056	49,056	48,585
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	5,931	5,931	5,874
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	1,803,645	1,803,645	1,786,303
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	256,380	256,380	253,915
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	88,892	88,892	88,038
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	4,607,871	4,607,871	4,563,564
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	47,229	47,229	46,775
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	310,853	310,853	307,864
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	320,808	320,808	317,724
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.73	465,610	465,610	461,133
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	384,859	384,859	381,159
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	780,745	780,745	773,238
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	485,613	485,613	480,943
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	957,146	957,146	947,942
				192,950	14,199,903	73.59	14,064,666	14,064,666	13,929,429
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	529,416	523,187	523,187
				8,363	535,644	64.05	529,416	523,187	523,187
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	1,683,027	1,683,027	1,704,884
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	774,536	774,536	784,595
				55,789	2,457,563	44.05	2,457,563	2,457,563	2,489,479
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	24,730	24,409	24,409
				698	25,372	36.35	24,730	24,409	24,409
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	837,359	827,507	827,507
				9,206	847,210	92.03	837,359	827,507	827,507
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	189,302	187,100	187,100
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	34,778	34,374	34,374
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	363,600	359,372	359,372
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	21,263	21,015	21,015
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	727,546	719,086	719,086
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	2,203,380	2,177,759	2,177,759
				80,966	3,622,191	44.74	3,539,868	3,498,707	3,498,707
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	163,295	161,374	161,374
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	819,711	810,068	810,068
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	47,757	47,195	47,195
				11,135	1,042,890	93.66	1,030,763	1,018,637	1,018,637
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	626,671	652,249	716,195
				14,473	575,514	39.76	626,671	652,249	716,195
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	381,179	376,694	376,694
				3,029	385,663	127.32	381,179	376,694	376,694
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	612,858	605,731	605,731
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	497,116	491,336	491,336
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	1,713,141	1,693,220	1,693,220
				31,581	2,888,768	91.47	2,823,114	2,790,287	2,790,287
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	235,531	235,531	233,267
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	1,229,826	1,229,826	1,218,001

				25,502	1,479,447	58.01	1,465,357	1,465,357	1,451,267
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	294,579	291,154	291,154
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	70,436	69,617	69,617
				5,273	373,504	70.83	365,015	360,771	360,771
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	1,157,648	1,144,028	1,144,028
				11,258	1,171,267	104.04	1,157,648	1,144,028	1,144,028
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	727,242	756,925	831,133
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	1,689,092	1,758,035	1,930,391
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	565,526	588,609	646,316
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	928,247	966,135	1,060,854
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	1,121,902	1,167,694	1,282,174
				109,276	4,621,233	42.29	5,032,009	5,237,397	5,750,868
TOTAL				605,691	37,358,139		37,384,907	37,449,800	37,909,805

DOD Electric Power Usage and Costs Baseline
Group of 17 - Military Family Housing Only

				MWh	FY 1996		Baseline Total Costs (\$)		
					\$	\$/MWh	2000	2001	2002
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	830,230	830,230	818,699
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	1,380,244	1,380,244	1,361,074
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	756,656	756,656	746,146
				46,191	3,131,970	67.80	2,967,129	2,967,129	2,925,919
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.67	1,870	1,852	1,833
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	6,815	6,747	6,679
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	221,697	219,480	217,263
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	276,002	273,242	270,482
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	2,859,027	2,830,436	2,801,846
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	47,170	46,698	46,226
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	5,703	5,646	5,589
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	1,734,274	1,716,932	1,699,589
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	246,519	244,054	241,589
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	85,473	84,619	83,764
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	4,430,645	4,386,338	4,342,032
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	45,412	44,958	44,504
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	298,897	295,908	292,919
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	308,470	305,385	302,300
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.73	447,702	443,225	438,748
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	370,057	366,357	362,656
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	750,716	743,209	735,702
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	466,935	462,266	457,597
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	920,332	911,129	901,926
				192,950	14,199,903	73.59	13,523,717	13,388,480	13,253,243
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	523,187	510,730	504,502
				8,363	535,644	64.05	523,187	510,730	504,502
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	1,704,884	1,683,027	1,661,170
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	784,595	774,536	764,477
				55,789	2,457,563	44.05	2,489,479	2,457,563	2,425,647
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	24,087	24,087	23,766
				698	25,372	36.35	24,087	24,087	23,766
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	827,507	807,805	797,954
				9,206	847,210	92.03	827,507	807,805	797,954
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	187,100	184,899	184,899
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	34,374	33,969	33,969
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	359,372	355,144	355,144
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	21,015	20,768	20,768
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	719,086	710,627	710,627
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	2,177,759	2,152,138	2,152,138
				80,966	3,622,191	44.74	3,498,707	3,457,546	3,457,546
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	161,374	157,532	155,610
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	810,068	790,780	781,137
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	47,195	46,072	45,510
				11,135	1,042,890	93.66	1,018,637	994,383	982,257
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	703,406	703,406	703,406
				14,473	575,514	39.76	703,406	703,406	703,406
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	376,694	367,725	363,241
				3,029	385,663	127.32	376,694	367,725	363,241
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	605,731	598,605	598,605
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	491,336	485,555	485,555
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	1,693,220	1,673,300	1,673,300
				31,581	2,888,768	91.47	2,790,287	2,757,460	2,757,460
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	226,472	224,208	221,943
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	1,182,525	1,170,700	1,158,874

				25,502	1,479,447	58.01	1,408,997	1,394,907	1,380,817
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	291,154	287,729	287,729
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	69,617	68,798	68,798
				5,273	373,504	70.83	360,771	356,527	356,527
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	1,144,028	1,116,789	1,103,170
				11,258	1,171,267	104.04	1,144,028	1,116,789	1,103,170
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	816,292	816,292	816,292
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	1,895,920	1,895,920	1,895,920
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	634,775	634,775	634,775
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	1,041,910	1,041,910	1,041,910
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	1,259,278	1,259,278	1,259,278
				109,276	4,621,233	42.29	5,648,174	5,648,174	5,648,174
TOTAL				605,691	37,358,139		37,304,809	36,952,713	36,683,628

DOD Electric Power Usage and Costs Baseline
 Group of 17 - Military Family Housing Only

				FY 1996		Baseline Total Costs (\$)			
				<u>MWh</u>	<u>\$</u>	<u>\$/MWh</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	818,699	807,168	818,699
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	1,361,074	1,341,904	1,361,074
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	746,146	735,637	746,146
				46,191	3,131,970	67.80	2,925,919	2,884,709	2,925,919
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.67	1,833	1,833	1,777
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	6,679	6,679	6,474
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	217,263	217,263	210,612
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	270,482	270,482	262,202
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	2,801,846	2,801,846	2,716,075
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	46,226	46,226	44,811
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	5,589	5,589	5,418
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	1,699,589	1,699,589	1,647,561
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	241,589	241,589	234,193
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	83,764	83,764	81,200
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	4,342,032	4,342,032	4,209,113
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	44,504	44,504	43,142
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	292,919	292,919	283,952
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	302,300	302,300	293,046
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.73	438,748	438,748	425,317
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	362,656	362,656	351,554
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	735,702	735,702	713,180
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	457,597	457,597	443,588
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	901,926	901,926	874,316
				192,950	14,199,903	73.59	13,253,243	13,253,243	12,847,531
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	504,502	498,273	492,045
				8,363	535,644	64.05	504,502	498,273	492,045
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	1,683,027	1,683,027	1,661,170
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	774,536	774,536	764,477
				55,789	2,457,563	44.05	2,457,563	2,457,563	2,425,647
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	23,445	23,445	23,124
				698	25,372	36.35	23,445	23,445	23,124
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	797,954	788,102	778,251
				9,206	847,210	92.03	797,954	788,102	778,251
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	182,698	178,296	178,296
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	33,565	32,756	32,756
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	350,916	342,461	342,461
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	20,521	20,026	20,026
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	702,167	685,247	685,247
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	2,126,518	2,075,276	2,075,276
				80,966	3,622,191	44.74	3,416,385	3,334,062	3,334,062
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	155,610	153,689	151,768
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	781,137	771,493	761,849
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	45,510	44,948	44,386
				11,135	1,042,890	93.66	982,257	970,130	958,004
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	716,195	716,195	703,406
				14,473	575,514	39.76	716,195	716,195	703,406
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	363,241	358,756	354,272
				3,029	385,663	127.32	363,241	358,756	354,272
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	591,479	577,226	577,226
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	479,775	468,214	468,214
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	1,653,380	1,613,539	1,613,539
				31,581	2,888,768	91.47	2,724,633	2,658,980	2,658,980
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	221,943	221,943	215,149
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	1,158,874	1,158,874	1,123,399

				25,502	1,479,447	58.01	1,380,817	1,380,817	1,338,547
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	284,303	277,453	277,453
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	67,979	66,341	66,341
				5,273	373,504	70.83	352,282	343,793	343,793
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	1,103,170	1,089,551	1,075,931
				11,258	1,171,267	104.04	1,103,170	1,089,551	1,075,931
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	831,133	831,133	816,292
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	1,930,391	1,930,391	1,895,920
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	646,316	646,316	634,775
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	1,060,854	1,060,854	1,041,910
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	1,282,174	1,282,174	1,259,278
				109,276	4,621,233	42.29	5,750,868	5,750,868	5,648,174
			TOTAL	605,691	37,358,139		36,752,474	36,508,488	35,907,686

DOD Electric Power Usage and Costs Baseline
Group of 17 - Military Family Housing Only

				FY 1996			Baseline Total Costs (\$)		
				MWh	\$	\$/MWh	2006	2007	2008
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	807,168	795,637	784,106
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	1,341,904	1,322,734	1,303,564
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	735,637	725,128	714,619
				46,191	3,131,970	67.80	2,884,709	2,843,499	2,802,289
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MFH	12	1,964	163.67	1,758	1,777	1,740
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	6,406	6,474	6,338
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	208,395	210,612	206,178
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	259,442	262,202	256,682
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	2,687,485	2,716,075	2,658,895
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	44,339	44,811	43,868
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	5,361	5,418	5,304
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	1,630,218	1,647,561	1,612,875
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	231,728	234,193	229,263
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	80,345	81,200	79,490
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	4,164,806	4,209,113	4,120,500
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	42,688	43,142	42,234
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	280,963	283,952	277,974
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	289,961	293,046	286,877
Navy	CA	D63126	PMTG POINT MUGU MFH	6,941	470,087	67.73	420,840	425,317	416,363
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	347,854	351,554	344,153
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	705,673	713,180	698,166
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	438,919	443,588	434,250
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	865,112	874,316	855,909
				192,950	14,199,903	73.59	12,712,294	12,847,531	12,577,057
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	498,273	485,817	479,588
				8,363	535,644	64.05	498,273	485,817	479,588
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	1,617,455	1,639,312	1,639,312
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	744,359	754,418	754,418
				55,789	2,457,563	44.05	2,361,814	2,393,730	2,393,730
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	23,124	23,124	23,124
				698	25,372	36.35	23,124	23,124	23,124
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	788,102	768,400	758,548
				9,206	847,210	92.03	788,102	768,400	758,548
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	180,497	180,497	169,491
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	33,161	33,161	31,139
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	346,689	346,689	325,549
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	20,274	20,274	19,037
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	693,707	693,707	651,408
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	2,100,897	2,100,897	1,972,793
				80,966	3,622,191	44.74	3,375,223	3,375,223	3,169,417
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	153,689	149,847	147,926
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	771,493	752,206	742,562
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	44,948	43,824	43,262
				11,135	1,042,890	93.66	970,130	945,877	933,750
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	703,406	690,617	690,617
				14,473	575,514	39.76	703,406	690,617	690,617
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	358,756	349,787	345,303
				3,029	385,663	127.32	358,756	349,787	345,303
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	584,353	584,353	548,721
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	473,994	473,994	445,092
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	1,633,460	1,633,460	1,533,858
				31,581	2,888,768	91.47	2,691,807	2,691,807	2,527,672
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	212,884	215,149	210,619
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	1,111,573	1,123,399	1,099,748

				25,502	1,479,447	58.01	1,324,457	1,338,547	1,310,367
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	280,878	280,878	263,751
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	67,160	67,160	63,065
				5,273	373,504	70.83	348,038	348,038	326,816
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	1,089,551	1,062,312	1,048,693
				11,258	1,171,267	104.04	1,089,551	1,062,312	1,048,693
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	816,292	801,450	801,450
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	1,895,920	1,861,448	1,861,448
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	634,775	623,233	623,233
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	1,041,910	1,022,966	1,022,966
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	1,259,278	1,236,382	1,236,382
				109,276	4,621,233	42.29	5,648,174	5,545,480	5,545,480
TOTAL				605,691	37,358,139		35,777,859	35,709,789	34,932,451

DOD Electric Power Usage and Costs Baseline
Group of 17 - Military Family Housing Only

				FY 1996		Baseline Total Costs (\$)			
				MWh	\$	\$/MWh	2009	2010	2011
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	772,575	784,106	761,044
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	1,284,394	1,303,564	1,265,223
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	704,110	714,619	693,601
				46,191	3,131,970	67.80	2,761,079	2,802,289	2,719,869
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MFH	12	1,964	163.67	1,758	1,740	1,758
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	6,406	6,338	6,406
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	208,395	206,178	208,395
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	259,442	256,682	259,442
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	2,687,485	2,658,895	2,687,485
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	44,339	43,868	44,339
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	5,361	5,304	5,361
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	1,630,218	1,612,875	1,630,218
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	231,728	229,263	231,728
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	80,345	79,490	80,345
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	4,164,806	4,120,500	4,164,806
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	42,688	42,234	42,688
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	280,963	277,974	280,963
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	289,961	286,877	289,961
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.73	420,840	416,363	420,840
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	347,854	344,153	347,854
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	705,673	698,166	705,673
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	438,919	434,250	438,919
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	865,112	855,909	865,112
				192,950	14,199,903	73.59	12,712,294	12,577,057	12,712,294
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	498,273	485,817	492,045
				8,363	535,644	64.05	498,273	485,817	492,045
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	1,639,312	1,595,597	1,573,740
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	754,418	734,300	724,241
				55,789	2,457,563	44.05	2,393,730	2,329,897	2,297,981
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	22,803	22,803	22,482
				698	25,372	36.35	22,803	22,803	22,482
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	788,102	768,400	778,251
				9,206	847,210	92.03	788,102	768,400	778,251
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	171,692	173,893	169,491
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	31,543	31,947	31,139
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	329,777	334,005	325,549
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	19,285	19,532	19,037
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	659,868	668,327	651,408
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	1,998,414	2,024,035	1,972,793
				80,966	3,622,191	44.74	3,210,578	3,251,740	3,169,417
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	153,689	149,847	151,768
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	771,493	752,206	761,849
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	44,948	43,824	44,386
				11,135	1,042,890	93.66	970,130	945,877	958,004
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	690,617	690,617	677,828
				14,473	575,514	39.76	690,617	690,617	677,828
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	358,756	349,787	354,272
				3,029	385,663	127.32	358,756	349,787	354,272
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	555,847	562,974	548,721
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	450,873	456,653	445,092
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	1,553,779	1,573,699	1,533,858
				31,581	2,888,768	91.47	2,560,499	2,593,326	2,527,672
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	212,884	210,619	212,884
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	1,111,573	1,099,748	1,111,573

				25,502	1,479,447	58.01	1,324,457	1,310,367	1,324,457
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	267,177	270,602	263,751
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	63,884	64,703	63,065
				5,273	373,504	70.83	331,060	335,305	326,816
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	1,089,551	1,062,312	1,075,931
				11,258	1,171,267	104.04	1,089,551	1,062,312	1,075,931
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	801,450	801,450	786,608
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	1,861,448	1,861,448	1,826,977
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	623,233	623,233	611,692
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	1,022,966	1,022,966	1,004,023
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	1,236,382	1,236,382	1,213,486
				109,276	4,621,233	42.29	5,545,480	5,545,480	5,442,786
			TOTAL	605,691	37,358,139		35,257,410	35,071,073	34,880,104

DOD Electric Power Usage and Costs Baseline
Group of 17 - Military Family Housing Only

				FY 1996			Baseline Total Costs (\$)	
				MWh	\$	\$/MWh	Total	NPV
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.79	12,165,177	9,064,541
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.23	20,224,406	15,069,649
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.03	11,087,106	8,261,247
				46,191	3,131,970	67.80	43,476,689	32,395,437
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MFH	12	1,964	163.67	27,346	20,398
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.79	99,639	74,320
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.99	3,241,212	2,417,613
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.02	4,035,148	3,009,808
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.60	41,798,970	31,177,760
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.44	689,618	514,385
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.06	83,376	62,190
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.72	25,355,090	18,912,306
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.30	3,604,108	2,688,297
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.24	1,249,620	932,089
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.50	64,776,026	48,316,295
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.81	663,929	495,223
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.33	4,369,876	3,259,481
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.86	4,509,824	3,363,868
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.73	6,545,402	4,882,201
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.36	5,410,235	4,035,483
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.17	10,975,471	8,186,579
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.13	6,826,593	5,091,941
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.04	13,455,259	10,036,248
				192,950	14,199,903	73.59	197,716,745	147,476,484
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.05	7,548,843	5,621,524
				8,363	535,644	64.05	7,548,843	5,621,524
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.78	24,851,970	18,480,605
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.40	11,436,980	8,504,851
				55,789	2,457,563	44.05	36,288,950	26,985,456
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.35	352,960	262,841
				698	25,372	36.35	352,960	262,841
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.03	11,939,750	8,891,375
				9,206	847,210	92.03	11,939,750	8,891,375
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.47	2,705,252	2,016,450
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.82	497,005	370,459
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.40	5,196,100	3,873,086
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.22	303,856	226,489
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.43	10,397,144	7,749,858
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.89	31,487,832	23,470,504
				80,966	3,622,191	44.74	50,587,190	37,706,847
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.53	2,328,393	1,733,924
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.82	11,688,119	8,703,989
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.48	680,961	507,103
				11,135	1,042,890	93.66	14,697,473	10,945,015
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.76	10,384,830	7,684,528
				14,473	575,514	39.76	10,384,830	7,684,528
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.32	5,435,158	4,047,490
				3,029	385,663	127.32	5,435,158	4,047,490
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.18	8,758,161	6,528,187
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.45	7,104,137	5,295,305
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.26	24,481,973	18,248,454
				31,581	2,888,768	91.47	40,344,271	30,071,946
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.80	3,311,026	2,469,687
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.60	17,288,512	12,895,463

				25,502	1,479,447	58.01	20,599,538	15,365,150
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.48	4,209,744	3,137,873
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.79	1,006,579	750,287
				5,273	373,504	70.83	5,216,323	3,888,160
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.04	16,506,693	12,292,317
				11,258	1,171,267	104.04	16,506,693	12,292,317
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.75	12,051,433	8,917,774
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.89	27,990,669	20,712,429
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.47	9,371,581	6,934,747
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.01	15,382,384	11,382,598
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.74	18,591,516	13,757,280
				109,276	4,621,233	42.29	83,387,582	61,704,829
			TOTAL	605,691	37,358,139		544,482,996	405,339,400

APPENDIX A-3

USAGE AND COST BASE LINE -- MAIN BASE

31-STATE SUBGROUP

DOD Electric Power Usage and Cost Baseline
 Group of 31 - Main Base Only

				FY 1996		Total Baseline Cost (\$)			
				MWh	\$	\$/MWh	1997	1998	1999
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	52,080	52,080	53,264
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	20,967,241	20,967,241	21,443,769
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	3,275,077	3,275,077	3,349,511
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	1,677,280	1,677,280	1,715,400
Army	AL	NA	ANNISTON AD	68,258	2,851,644	41.78	2,788,274	2,788,274	2,851,644
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	5,184,125	5,184,125	5,301,946
				722,916	34,715,534	48.02	33,944,078	33,944,078	34,715,534
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	14,106	14,106	13,806
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	1,412,933	1,412,933	1,382,870
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	2,454,161	2,454,161	2,401,945
				74,574	3,963,778	53.15	3,881,199	3,881,199	3,798,621
Army	CO	NA	PUEBLO AD	776	85,274	109.89	83,602	81,930	81,930
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	3,374,083	3,306,602	3,306,602
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	4,339,942	4,253,143	4,253,143
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	2,974,409	2,914,921	2,914,921
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	2,263,554	2,218,283	2,218,283
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	1,176,401	1,152,873	1,152,873
				324,570	14,496,231	44.66	14,211,991	13,927,751	13,927,751
Navy	DC	N62285	NAVOSERV TOTAL	5,097	380,377	74.63	372,769	365,162	365,162
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	189,539	185,671	185,671
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	5,327,225	5,218,506	5,218,506
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	7,862,879	7,702,412	7,702,412
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	4,578,531	4,485,091	4,485,091
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	10,083,247	9,877,467	9,877,467
				601,394	28,994,072	48.21	28,414,191	27,834,309	27,834,309
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	2,764,937	2,764,937	2,764,937
				53,261	2,854,129	53.59	2,764,937	2,764,937	2,764,937
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	60,477	60,477	60,477
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	121,856	121,856	121,856
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	109,062	109,062	109,062
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	3,450,811	3,450,811	3,450,811
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	306,313	306,313	306,313
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	65,937	65,937	65,937
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	20,627	20,627	20,627
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	70,400	70,400	70,400
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	4,379,929	4,379,929	4,379,929
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	351,411	351,411	351,411
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	27,535	27,535	27,535
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	3,698,685	3,698,685	3,698,685
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	7,396,952	7,396,952	7,396,952
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	179,843	179,843	179,843
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	3,269,436	3,269,436	3,269,436
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	171,873	171,873	171,873
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	52,416	52,416	52,416
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	149,855	149,855	149,855
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	89,245	89,245	89,245
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	586,120	586,120	586,120
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	924,850	924,850	924,850
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	2,824,920	2,824,920	2,824,920
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	756,970	756,970	756,970
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	1,244,581	1,244,581	1,244,581
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	71,961	71,961	71,961
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	1,158,548	1,158,548	1,158,548
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	8,239,187	8,239,187	8,239,187
Navy	FL	N68860	HSC PENSACOLA TOTAL	517	24,182	46.77	24,606	24,606	24,606
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	3,097,322	3,097,322	3,097,322
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	3,676,186	3,676,186	3,676,186
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	906,546	906,546	906,546
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	113,744	113,744	113,744
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	5,033,978	5,033,978	5,033,978
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	134,302	134,302	134,302
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	40,945	40,945	40,945
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	615,921	615,921	615,921
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	10,735,069	10,735,069	10,735,069
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	1,380,273	1,380,273	1,380,273
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	139,770	139,770	139,770
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	704,200	704,200	704,200
Navy	FL	B61331	NAVCOASTSYSCEAN PANAMA CITY TOTAL	219	7,865	35.91	8,003	8,003	8,003
				1,347,274	65,245,995	48.43	66,390,662	66,390,662	66,390,662
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	12,614	12,614	12,901
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	293,714	293,714	300,389
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	14,095	14,095	14,415
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	491,789	491,789	502,966
USAF	GA	FP6703	DOBBS ARB	16,097	863,475	53.64	844,287	844,287	863,475
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	2,821,514	2,821,514	2,885,639
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	6,316,858	6,316,858	6,460,423
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	2,402,028	2,402,028	2,456,620

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	7,345,770	7,345,770	7,512,719
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	10,294,697	10,294,697	10,528,667
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	1,629,699	1,629,699	1,666,738
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	2,752,568	2,752,568	2,815,126
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	9,622,993	9,622,993	9,841,697
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	2,466,043	2,466,043	2,522,089
Navy	GA	N44466	TRIREFACC KINGS BAY TOTAL	33,880	1,082,892	31.96	1,058,828	1,058,828	1,082,892
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	1,843,329	1,843,329	1,885,223
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	759,330	759,330	776,588
				1,175,501	52,128,567	44.35	50,970,154	50,970,154	52,128,567
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	206,390	213,761	228,503
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	1,548,537	1,603,842	1,714,451
							1,754,927	1,817,603	1,942,955
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	25,043	25,043	24,510
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	2,394,416	2,394,416	2,343,471
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	6,560,321	6,560,321	6,420,739
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	3,976,825	3,976,825	3,892,211
				283,579	13,232,277	46.66	12,956,605	12,956,605	12,680,932
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	11,840,561	11,598,917	11,598,917
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	274,041	268,449	268,449
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	7,032,652	6,889,128	6,889,128
				482,250	19,538,014	40.51	19,147,254	18,756,493	18,756,493
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	36,425	36,425	35,650
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	249,129	249,129	243,829
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	205,969	205,969	201,586
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	1,458,131	1,458,131	1,427,107
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	2,305,329	2,305,329	2,256,280
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	10,179,753	10,179,753	9,963,162
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	2,874,665	2,874,665	2,813,502
				341,867	17,677,686	51.71	17,309,401	17,309,401	16,941,116
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	53,916	52,632	51,349
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	271,226	264,768	258,310
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	246,408	240,541	234,674
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	1,415,362	1,381,663	1,347,964
				40,909	1,986,912	48.57	1,986,912	1,939,605	1,892,297
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	4,326,844	4,425,181	4,425,181
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	2,282,354	2,334,226	2,334,226
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	92,708	94,815	94,815
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	3,079,883	3,149,880	3,149,880
				182,557	10,004,102	54.80	9,781,789	10,004,102	10,004,102
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	12,820	12,820	13,111
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	199,454	199,454	203,987
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	1,646,522	1,646,522	1,683,943
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	1,267,088	1,267,088	1,295,885
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	430,353	430,353	440,134
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	1,122,325	1,122,325	1,147,832
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	5,477,677	5,477,677	5,602,170
				228,380	10,387,062	45.48	10,156,238	10,156,238	10,387,062
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	215,965	215,965	220,873
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	5,672,990	5,672,990	5,801,922
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	2,374,403	2,374,403	2,428,367
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	917,926	917,926	938,788
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	24,101,745	24,101,745	24,649,512
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	11,667,828	11,667,828	11,933,006
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	2,815,581	2,815,581	2,879,571
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	3,427,767	3,427,767	3,505,671
				996,095	52,357,710	52.56	51,194,205	51,194,205	52,357,710
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	1,662,268	1,622,690	1,583,112
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	16,371	15,981	15,981
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	5,003,039	4,883,919	4,764,799
				144,801	6,681,678	46.14	6,681,678	6,522,590	6,363,503
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	18,060	17,699	17,699
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	296,143	290,220	290,220
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	5,502,031	5,391,991	5,391,991
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	3,791,891	3,716,053	3,716,053
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	6,899,032	6,761,052	6,761,052
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	2,023,021	1,982,560	1,982,560
				319,277	18,900,782	59.20	18,530,178	18,159,575	18,159,575
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	822,688	805,899	805,899
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	356,641	349,362	349,362
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	3,684,800	3,609,600	3,609,600
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	15,441,351	15,126,222	15,126,222
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	1,708,426	1,673,560	1,673,560
				507,754	22,463,170	44.24	22,013,907	21,564,643	21,564,643
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	1,716,311	1,716,311	1,679,794
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	437,812	437,812	428,497
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	11,033,411	11,033,411	10,798,657

USAF Army	OK OK	FP3029 NA	VANCE AFB FT SILL	0 24,378 429,572	0 2,581,541 16,049,660	NA 105.90 37.36	0 661,481 13,849,014	0 661,481 13,849,014	0 647,407 13,554,354
Army	OR NA		UMATILLA DA	2,324 2,324	98,897 98,897	42.55 42.55	110,765 110,765	114,721 114,721	122,632 122,632
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	164,521	164,521	168,250
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	2,933,663	2,933,663	3,000,337
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	731,667	731,667	748,296
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	223,865	223,865	228,953
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	436,854	436,854	446,783
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	1,594,302	1,594,302	1,630,536
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	2,483,260	2,483,260	2,539,698
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	631,056	631,056	645,398
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	1,987,292	1,987,292	2,032,458
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	2,018,973	2,018,973	2,064,859
Army	SC NA		FT JACKSON	118,522 422,647	4,326,467 17,832,045	36.50 42.19	4,230,323 17,435,777	4,230,323 17,435,777	4,326,467 17,832,045
USAF	SD	FP4690	ELLSWORTH AFB	53,613 53,613	1,592,708 1,592,708	29.71 29.71	1,592,708 1,592,708	1,554,786 1,554,786	1,516,865 1,516,865
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	254,245	254,245	260,023
Army	TN NA		VOLUNTEER AAP	4,596	228,331	49.68	223,257	223,257	228,331
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	1,413,904	1,413,904	1,446,038
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	436,617	436,617	446,540
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	31,027	31,027	31,732
USAF	TN	EY7483	ARNOLD AFB	601,417 651,021	18,448,149 20,860,813	30.67 32.04	18,038,190 20,397,239	18,038,190 20,397,239	18,448,149 20,860,813
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	305,653	299,415	299,415
Army	TX NA		FT BLISS	158,731	11,159,882	70.31	10,936,684	10,713,487	10,713,487
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	229,447	224,765	224,765
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	1,141,611	1,118,313	1,118,313
Army	TX NA		CORPUS CHRISTI AD	54,212	2,942,847	54.28	2,883,990	2,825,133	2,825,133
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	1,817,955	1,780,854	1,780,854
Army	TX NA		FT SAM HOUSTON	114,921	6,027,651	52.45	5,907,098	5,786,545	5,786,545
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	4,373,791	4,284,530	4,284,530
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	501,244	491,014	491,014
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	1,813,290	1,776,284	1,776,284
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	5,195,839	5,089,802	5,089,802
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	456,272	446,961	446,961
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	706,997	692,569	692,569
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	7,726,355	7,568,675	7,568,675
Army	TX NA		FT HOOD	493,897	20,433,505	41.37	20,024,835	19,616,165	19,616,165
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	1,342,020	1,314,632	1,314,632
Army	TX NA		LONE STAR AAP	11,513	440,709	38.28	431,895	423,081	423,081
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	2,180,685	2,136,181	2,136,181
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	1,420,851	1,391,854	1,391,854
Army	TX NA		RED RIVER AD	57,154	2,094,147	36.64	2,052,264	2,010,381	2,010,381
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	2,127,696	2,084,273	2,084,273
USAF	TX	FP3089	RANDOLPH AFB	71,596 1,690,623	2,409,367 77,487,401	33.65 45.83	2,361,180 75,937,653	2,312,992 74,387,905	2,312,992 74,387,905
Army	UT NA		DUGWAY ARMY PG	31,166	1,230,545	39.48	1,378,210	1,427,432	1,525,876
Army	UT NA		TOOELE AD	55,582	2,120,292	38.15	2,374,727	2,459,539	2,629,162
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	8,495,735	8,799,154	9,405,993
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311 305,259	331,747 11,268,062	32.17 36.91	371,557 12,620,229	384,827 13,070,952	411,366 13,972,397
Army	VA NA		FT MONROE	14,188	1,272,601	89.70	1,244,321	1,244,321	1,272,601
Army	VA NA		FT A P HILL	11,791	762,518	64.67	745,573	745,573	762,518
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	2,798,524	2,798,524	2,862,127
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	24,605	24,605	25,164
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	11,646	11,646	11,911
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	4,188,128	4,188,128	4,283,313
Army	VA NA		RICHMOND DCSC	47,236	2,404,000	50.89	2,350,578	2,350,578	2,404,000
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	1,760,000	1,760,000	1,800,000
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	813,901	813,901	832,399
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	145,863	145,863	149,178
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	2,524,795	2,524,795	2,582,177
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	84,980	84,980	86,911
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	6,512	6,512	6,660
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	65,105	65,105	66,585
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	1,528,047	1,528,047	1,562,775
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	616,888	616,888	630,908
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	3,414,362	3,414,362	3,491,961
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	3,134,733	3,134,733	3,205,977
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	1,985,203	1,985,203	2,030,321
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	1,547,872	1,547,872	1,583,051
USMC	VA	M67353	HQBNA ARLINGTON TOTAL	8,438	371,044	43.97	362,799	362,799	371,044
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	60,217	60,217	61,586
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	184,107	184,107	188,291
Navy	VA	N45004	MARENVIRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	276,409	276,409	282,691
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	253,072	253,072	258,824
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	353,003	353,003	361,026
Navy	VA	N61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	2,056,105	2,056,105	2,102,835
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	3,179,195	3,179,195	3,251,449

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	8,574,400	8,574,400	8,769,273
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	3,810,047	3,810,047	3,896,639
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	196,410	196,410	200,874
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	38,505	38,505	39,380
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	19,714,001	19,714,001	20,162,046
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	1,422,892	1,422,892	1,455,230
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	45,714	45,714	46,753
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	157,367	157,367	160,944
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	758,812	758,812	776,058
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	139,455	139,455	142,624
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	150,150	150,150	153,562
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	269,838	269,838	275,971
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	823,046	823,046	841,752
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	106,505	106,505	108,926
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	115,604	115,604	118,231
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	2,667,669	2,667,669	2,728,298
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	756,341	756,341	773,531
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	115,124	115,124	117,740
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	1,881,029	1,881,029	1,923,780
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	227,680	227,680	232,855
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	70,862	70,862	72,473
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	17,668	17,668	18,070
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	57,437	57,437	58,742
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	784,901	784,901	802,740
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	4,185,038	4,185,038	4,280,153
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	3,331,065	3,331,065	3,406,771
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	1,626,093	1,626,093	1,663,050
				2,076,168	89,754,749	43.23	87,760,199	87,760,199	89,754,749
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	205,983	210,664	210,664
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	1,067,803	1,092,071	1,092,071
				32,608	1,302,735	39.95	1,273,785	1,302,735	1,302,735
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	910,106	891,533	891,533
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	188,160	184,320	184,320
				26,676	1,120,680	42.01	1,098,266	1,075,853	1,075,853
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	2,798,760	2,742,785	2,742,785
				51,369	2,854,735	55.57	2,798,760	2,742,785	2,742,785
Total for 31 states				13,619,940	617,417,083	45.33	606,964,702	603,786,117	609,733,902

DOD Electric Power Usage and Cost Baseline
Group of 31 - Main Base Only

				FY 1996			Total Baseline Cost (\$)		
				MWh	\$	\$/MWh	2000	2001	2002
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	53,264	53,264	52,080
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	21,443,769	21,443,769	20,967,241
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	3,349,511	3,349,511	3,275,077
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	1,715,400	1,715,400	1,677,280
Army	AL	NA	ANNISTON AD	68,258	2,851,644	41.78	2,851,644	2,851,644	2,788,274
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	5,301,946	5,301,946	5,184,125
				722,916	34,715,534	48.02	34,715,534	34,715,534	33,944,078
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	13,806	13,806	13,506
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	1,382,870	1,382,870	1,352,808
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	2,401,945	2,401,945	2,349,728
				74,574	3,963,778	53.15	3,798,621	3,798,621	3,716,042
Army	CO	NA	PUEBLO AD	776	85,274	109.89	80,258	80,258	78,586
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	3,239,120	3,239,120	3,171,638
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	4,166,344	4,166,344	4,079,546
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	2,855,432	2,855,432	2,795,944
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	2,173,012	2,173,012	2,127,741
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	1,129,345	1,129,345	1,105,817
				324,570	14,496,231	44.66	13,643,512	13,643,512	13,359,272
Navy	DC	N62285	NAOBSERV TOTAL	5,097	380,377	74.63	365,162	357,554	357,554
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	185,671	181,803	181,803
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	5,218,506	5,109,787	5,109,787
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	7,702,412	7,541,945	7,541,945
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	4,485,091	4,391,652	4,391,652
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	9,877,467	9,671,686	9,671,686
				601,394	28,994,072	48.21	27,834,309	27,254,428	27,254,428
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	2,720,342	2,720,342	2,720,342
				53,261	2,854,129	53.59	2,720,342	2,720,342	2,720,342
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	59,434	59,434	58,391
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	119,755	119,755	117,654
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	107,182	107,182	105,302
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	3,391,314	3,391,314	3,331,817
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	301,032	301,032	295,751
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	64,800	64,800	63,663
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	20,271	20,271	19,915
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	69,186	69,186	67,972
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	4,304,413	4,304,413	4,228,897
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	345,352	345,352	339,293
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	27,060	27,060	26,585
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	3,634,915	3,634,915	3,571,145
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	7,269,418	7,269,418	7,141,884
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	176,742	176,742	173,641
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	3,213,066	3,213,066	3,156,696
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	168,910	168,910	165,947
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	51,512	51,512	50,608
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	147,271	147,271	144,687
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	87,706	87,706	86,167
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	576,014	576,014	565,908
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	908,904	908,904	892,958
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	2,776,214	2,776,214	2,727,508
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	743,919	743,919	730,868
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	1,223,123	1,223,123	1,201,665
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	70,720	70,720	69,479
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	1,138,573	1,138,573	1,118,598
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	8,097,132	8,097,132	7,955,077
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	24,182	24,182	23,758
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	3,043,920	3,043,920	2,990,518
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	3,612,803	3,612,803	3,549,420
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	890,916	890,916	875,286
Navy	FL	N68452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	111,783	111,783	109,822
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	4,947,185	4,947,185	4,860,392
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	131,986	131,986	129,670
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	40,239	40,239	39,533
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	605,302	605,302	594,683
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	10,549,982	10,549,982	10,364,895
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	1,356,475	1,356,475	1,332,677
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	137,360	137,360	134,950
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	692,059	692,059	679,918
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	7,865	7,865	7,727
				1,347,274	65,245,995	48.43	65,245,995	65,245,995	64,101,328
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	12,901	12,901	12,614
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	300,389	300,389	293,714
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	14,415	14,415	14,095
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	502,966	502,966	491,789
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	863,475	863,475	844,287
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	2,885,639	2,885,639	2,821,514
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	6,460,423	6,460,423	6,316,858
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	2,456,620	2,456,620	2,402,028

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	7,512,719	7,512,719	7,345,770
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	10,528,667	10,528,667	10,294,697
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	1,666,738	1,666,738	1,629,699
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	2,815,126	2,815,126	2,752,568
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	9,841,697	9,841,697	9,622,993
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	2,522,089	2,522,089	2,466,043
Navy	GA	N44466	TRIREFFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	1,082,892	1,082,892	1,058,828
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	1,885,223	1,885,223	1,843,329
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	776,588	776,588	759,330
				1,175,501	52,128,567	44.35	52,128,567	52,128,567	50,970,154
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	228,503	228,503	228,503
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	1,714,451	1,714,451	1,714,451
							1,942,955	1,942,955	1,942,955
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	24,510	24,510	23,978
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	2,343,471	2,343,471	2,292,526
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	6,420,739	6,420,739	6,281,158
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	3,892,211	3,892,211	3,807,598
				283,579	13,232,277	46.66	12,680,932	12,680,932	12,405,260
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	11,598,917	11,357,273	11,357,273
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	268,449	262,856	262,856
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	6,889,128	6,745,605	6,745,605
				482,250	19,538,014	40.51	18,756,493	18,365,733	18,365,733
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	35,650	35,650	34,875
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	243,829	243,829	238,528
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	201,586	201,586	197,204
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	1,427,107	1,427,107	1,396,083
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	2,256,280	2,256,280	2,207,230
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	9,963,162	9,963,162	9,746,572
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	2,813,502	2,813,502	2,752,339
				341,867	17,677,686	51.71	16,941,116	16,941,116	16,572,831
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	50,065	50,065	48,781
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	251,853	251,853	245,395
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	228,807	228,807	222,941
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	1,314,265	1,314,265	1,280,566
				40,909	1,986,912	48.57	1,844,990	1,844,990	1,797,682
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	4,425,181	4,425,181	4,425,181
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	2,334,226	2,334,226	2,334,226
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	94,815	94,815	94,815
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	3,149,880	3,149,880	3,149,880
				182,557	10,004,102	54.80	10,004,102	10,004,102	10,004,102
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	13,111	13,111	12,820
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	203,987	203,987	199,454
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	1,683,943	1,683,943	1,646,522
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	1,295,885	1,295,885	1,267,088
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	440,134	440,134	430,353
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	1,147,832	1,147,832	1,122,325
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	5,602,170	5,602,170	5,477,677
				228,380	10,387,062	45.48	10,387,062	10,387,062	10,156,238
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	220,873	220,873	215,965
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	5,801,922	5,801,922	5,672,990
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	2,428,367	2,428,367	2,374,403
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	938,788	938,788	917,926
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	24,649,512	24,649,512	24,101,745
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	11,933,006	11,933,006	11,667,828
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	2,879,571	2,879,571	2,815,581
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	3,505,671	3,505,671	3,427,767
				996,095	52,357,710	52.56	52,357,710	52,357,710	51,194,205
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	1,543,535	1,543,535	1,503,957
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	15,202	15,202	14,812
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	4,645,679	4,645,679	4,526,559
				144,801	6,681,678	46.14	6,204,415	6,204,415	6,045,415
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	17,337	17,337	16,976
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	284,297	284,297	278,375
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	5,281,950	5,281,950	5,171,909
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	3,640,216	3,640,216	3,564,378
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	6,623,071	6,623,071	6,485,090
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	1,942,100	1,942,100	1,901,639
				319,277	18,900,782	59.20	17,788,971	17,788,971	17,418,368
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	805,899	789,109	789,109
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	349,362	342,084	342,084
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	3,609,600	3,534,400	3,534,400
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	15,126,222	14,811,092	14,811,092
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	1,673,560	1,638,694	1,638,694
				507,754	22,463,170	44.24	21,564,643	21,115,380	21,115,380
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	1,679,794	1,679,794	1,643,276
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	428,497	428,497	419,182
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	10,798,657	10,798,657	10,563,904

USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	647,407	647,407	633,333
				429,572	16,049,660	37.36	13,554,354	13,554,354	13,259,694
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	122,632	122,632	122,632
				2,324	98,897	42.55	122,632	122,632	122,632
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	168,260	168,260	164,521
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	3,000,337	3,000,337	2,933,663
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	748,296	748,296	731,667
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	228,953	228,953	223,865
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	446,783	446,783	436,854
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	1,630,536	1,630,536	1,594,302
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	2,539,698	2,539,698	2,483,260
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	645,398	645,398	631,056
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	2,032,458	2,032,458	1,987,292
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	2,064,859	2,064,859	2,018,973
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	4,326,467	4,326,467	4,230,373
				422,647	17,832,045	42.19	17,832,045	17,832,045	17,435,222
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	1,478,943	1,478,943	1,441,022
				53,613	1,592,708	29.71	1,478,943	1,478,943	1,441,022
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	260,023	260,023	254,245
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	228,331	228,331	223,257
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	1,446,038	1,446,038	1,413,904
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	446,540	446,540	436,617
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	31,732	31,732	31,027
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	18,448,149	18,448,149	18,038,190
				651,021	20,860,813	32.04	20,860,813	20,860,813	20,397,239
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	299,415	293,178	293,178
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	10,713,487	10,490,289	10,490,289
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	224,765	220,082	220,082
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	1,118,313	1,095,014	1,095,014
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	2,825,133	2,766,276	2,766,276
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	1,780,854	1,743,753	1,743,753
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	5,786,545	5,665,992	5,665,992
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	4,284,530	4,195,269	4,195,269
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	491,014	480,785	480,785
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	1,776,284	1,739,278	1,739,278
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	5,089,802	4,983,764	4,983,764
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	446,961	437,649	437,649
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	692,569	678,140	678,140
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	7,568,675	7,410,994	7,410,994
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	19,616,165	19,207,495	19,207,495
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	1,314,632	1,287,244	1,287,244
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	423,081	414,266	414,266
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	2,136,181	2,091,678	2,091,678
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	1,391,854	1,362,857	1,362,857
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	2,010,381	1,968,498	1,968,498
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	2,084,273	2,040,851	2,040,851
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	2,312,992	2,264,805	2,264,805
				1,690,623	77,487,401	45.83	74,387,905	72,838,157	72,838,157
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	1,525,876	1,525,876	1,525,876
Army	UT	NA	TOOLEE AD	55,582	2,120,292	38.15	2,629,162	2,629,162	2,629,162
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	9,405,993	9,405,993	9,405,993
Navy	UT	N63319	NSSFO MAGNA TOTAL	10,311	331,747	32.17	411,366	411,366	411,366
				305,259	11,268,062	36.91	13,972,397	13,972,397	13,972,397
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	1,272,601	1,272,601	1,244,321
Army	VA	NA	FT A P HILL	11,791	762,518	64.67	762,518	762,518	745,573
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	2,862,127	2,862,127	2,798,524
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	25,164	25,164	24,605
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	11,911	11,911	11,646
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	4,283,313	4,283,313	4,188,128
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	2,404,000	2,404,000	2,350,578
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	1,800,000	1,800,000	1,760,000
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	832,399	832,399	813,901
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	149,178	149,178	145,863
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	2,582,177	2,582,177	2,524,795
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	86,911	86,911	84,980
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	6,660	6,660	6,512
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	66,585	66,585	65,105
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	1,562,775	1,562,775	1,528,047
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	630,908	630,908	616,888
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	3,491,961	3,491,961	3,414,362
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	3,205,977	3,205,977	3,134,733
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	2,030,321	2,030,321	1,985,203
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	1,583,051	1,583,051	1,547,872
USMC	VA	M67353	HQBN ARLINGTON TOTAL	8,438	371,044	43.97	371,044	371,044	362,799
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	61,586	61,586	60,217
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	188,291	188,291	184,107
Navy	VA	N45004	MARENVIROON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	282,691	282,691	276,409
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	258,824	258,824	253,072
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	361,026	361,026	353,003
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	2,102,835	2,102,835	2,056,105
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	3,251,449	3,251,449	3,179,195

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	8,769,273	8,769,273	8,574,400
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	3,896,639	3,896,639	3,810,047
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	200,874	200,874	196,410
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	39,380	39,380	38,505
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	20,162,046	20,162,046	19,714,001
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	1,455,230	1,455,230	1,422,892
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	46,753	46,753	45,714
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	160,944	160,944	157,367
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	776,058	776,058	758,812
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	142,624	142,624	139,455
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	153,562	153,562	150,150
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	275,971	275,971	269,838
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	841,752	841,752	823,046
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	108,926	108,926	106,505
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	118,231	118,231	115,604
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	2,728,298	2,728,298	2,667,669
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	773,531	773,531	756,341
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	117,740	117,740	115,124
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	1,923,780	1,923,780	1,881,029
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	232,855	232,855	227,680
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	72,473	72,473	70,862
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	18,070	18,070	17,668
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	58,742	58,742	57,437
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	802,740	802,740	784,901
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	4,280,153	4,280,153	4,185,038
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	3,406,771	3,406,771	3,331,065
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	1,663,050	1,663,050	1,626,093
				2,076,168	89,754,749	43.23	89,754,749	89,754,749	87,760,199
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	210,664	210,664	210,664
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	1,092,071	1,092,071	1,092,071
				32,608	1,302,735	39.95	1,302,735	1,302,735	1,302,735
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	891,533	872,959	872,959
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	184,320	180,480	180,480
				26,676	1,120,680	42.01	1,075,853	1,053,439	1,053,439
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	2,686,809	2,686,809	2,630,834
				51,369	2,854,735	55.57	2,686,809	2,686,809	2,630,834
Total for 31 states				13,619,940	617,417,083	45.33	607,589,504	604,597,437	595,297,851

DOD Electric Power Usage and Cost Baseline
Group of 31 - Main Base Only

				FY 1996		Total Baseline Cost (\$)			
				MWh	\$	\$/MWh	2003	2004	2005
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	50,897	50,897	49,713
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	20,490,713	20,490,713	20,014,184
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	3,200,644	3,200,644	3,126,210
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	1,639,160	1,639,160	1,601,040
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	2,724,904	2,724,904	2,661,534
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	5,066,304	5,066,304	4,948,483
				722,916	34,715,534	48.02	33,172,621	33,172,621	32,401,165
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	13,506	13,206	13,206
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	1,352,808	1,322,745	1,322,745
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	2,349,728	2,297,512	2,297,512
				74,574	3,963,778	53.15	3,716,042	3,633,463	3,633,463
Army	CO	NA	PUEBLO AD	776	85,274	109.89	78,586	78,586	78,586
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	3,171,638	3,171,638	3,171,638
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	4,079,546	4,079,546	4,079,546
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	2,795,944	2,795,944	2,795,944
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	2,127,741	2,127,741	2,127,741
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	1,105,817	1,105,817	1,105,817
				324,570	14,496,231	44.66	13,359,272	13,359,272	13,359,272
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	349,947	349,947	342,339
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	177,934	177,934	174,066
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	5,001,068	5,001,068	4,892,350
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	7,381,478	7,381,478	7,221,011
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	4,298,212	4,298,212	4,204,773
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	9,465,906	9,465,906	9,260,125
				601,394	28,994,072	48.21	26,674,546	26,674,546	26,094,665
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	2,675,746	2,631,150	2,586,554
				53,261	2,854,129	53.59	2,675,746	2,631,150	2,586,554
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	58,391	57,349	57,349
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	117,654	115,553	115,553
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	105,302	103,421	103,421
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	3,331,817	3,272,321	3,272,321
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	295,751	290,469	290,469
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	63,663	62,526	62,526
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	19,915	19,560	19,560
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	67,972	66,758	66,758
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	4,228,897	4,153,381	4,153,381
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	339,293	333,234	333,234
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	26,585	26,111	26,111
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	3,571,145	3,507,374	3,507,374
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	7,141,884	7,014,351	7,014,351
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	173,641	170,541	170,541
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	3,156,696	3,100,327	3,100,327
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	165,947	162,983	162,983
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	50,608	49,705	49,705
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	144,687	142,104	142,104
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	86,167	84,629	84,629
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	565,908	555,803	555,803
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	892,958	877,013	877,013
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	2,727,508	2,678,803	2,678,803
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	730,868	717,817	717,817
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	1,201,665	1,180,206	1,180,206
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	69,479	68,239	68,239
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	1,118,598	1,098,623	1,098,623
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	7,955,077	7,813,022	7,813,022
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	23,758	23,334	23,334
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	2,990,518	2,937,116	2,937,116
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	3,549,420	3,486,038	3,486,038
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	875,286	859,656	859,656
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	109,822	107,861	107,861
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	4,860,392	4,773,600	4,773,600
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	129,670	127,355	127,355
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	39,533	38,827	38,827
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	594,683	584,063	584,063
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	10,364,895	10,179,807	10,179,807
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	1,332,677	1,308,879	1,308,879
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	134,950	132,540	132,540
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	679,918	667,776	667,776
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	7,727	7,589	7,589
				1,347,274	65,245,995	48.43	64,101,328	62,956,662	62,956,662
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	12,328	12,328	12,041
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	287,038	287,038	280,363
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	13,774	13,774	13,454
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	480,612	480,612	469,435
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	825,098	825,098	805,910
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	2,757,388	2,757,388	2,693,263
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	6,173,293	6,173,293	6,029,728
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	2,347,437	2,347,437	2,292,845

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	7,178,820	7,178,820	7,011,871
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	10,060,726	10,060,726	9,826,756
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	1,592,661	1,592,661	1,555,622
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	2,690,009	2,690,009	2,627,451
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	9,404,288	9,404,288	9,185,584
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	2,409,996	2,409,996	2,353,950
Navy	GA	N44466	TRIREFFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	1,034,763	1,034,763	1,010,699
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	1,801,435	1,801,435	1,759,541
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	742,073	742,073	724,815
				1,175,501	52,128,567	44.35	49,811,742	49,811,742	48,653,329
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	235,875	228,503	228,503
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	1,769,756	1,714,451	1,714,451
							2,005,631	1,942,955	1,942,955
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	23,978	23,445	23,445
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	2,292,526	2,241,581	2,241,581
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	6,281,158	6,141,577	6,141,577
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	3,807,598	3,722,985	3,722,985
				283,579	13,232,277	46.66	12,405,260	12,129,587	12,129,587
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	11,115,629	11,115,629	10,873,985
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	257,263	257,263	251,671
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	6,602,081	6,602,081	6,458,558
				482,250	19,538,014	40.51	17,974,973	17,974,973	17,584,213
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	34,875	34,100	34,100
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	238,528	233,228	233,228
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	197,204	192,822	192,822
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	1,396,083	1,365,059	1,365,059
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	2,207,230	2,158,181	2,158,181
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	9,746,572	9,529,981	9,529,981
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	2,752,339	2,691,176	2,691,176
				341,867	17,677,686	51.71	16,572,831	16,204,546	16,204,546
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	48,781	48,781	48,781
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	245,395	245,395	245,395
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	222,941	222,941	222,941
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	1,280,566	1,280,566	1,280,566
				40,909	1,986,912	48.57	1,797,682	1,797,682	1,797,682
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	4,425,181	4,425,181	4,326,844
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	2,334,226	2,334,226	2,282,354
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	94,815	94,815	92,708
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	3,149,880	3,149,880	3,079,883
				182,557	10,004,102	54.80	10,004,102	10,004,102	9,781,789
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	12,528	12,528	12,237
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	194,921	194,921	190,388
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	1,609,101	1,609,101	1,571,680
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	1,238,290	1,238,290	1,209,493
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	420,572	420,572	410,792
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	1,096,817	1,096,817	1,071,310
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	5,353,185	5,353,185	5,228,692
				228,380	10,387,062	45.48	9,925,415	9,925,415	9,694,591
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	211,056	211,056	206,148
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	5,544,059	5,544,059	5,415,127
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	2,320,440	2,320,440	2,266,476
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	897,064	897,064	876,202
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	23,553,978	23,553,978	23,006,211
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	11,402,650	11,402,650	11,137,472
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	2,751,590	2,751,590	2,687,600
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	3,349,863	3,349,863	3,271,960
				996,095	52,357,710	52.56	50,030,701	50,030,701	48,867,196
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	1,503,957	1,503,957	1,503,957
Army	ND	NA	S. R. MICKELSON	257	16,371	63.70	14,812	14,812	14,812
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	4,526,559	4,526,559	4,526,559
				144,801	6,681,678	46.14	6,045,328	6,045,328	6,045,328
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	16,976	16,976	16,976
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	278,375	278,375	278,375
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	5,171,909	5,171,909	5,171,909
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	3,564,378	3,564,378	3,564,378
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	6,485,090	6,485,090	6,485,090
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	1,901,639	1,901,639	1,901,639
				319,277	18,900,782	59.20	17,418,368	17,418,368	17,418,368
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	772,320	772,320	755,530
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	334,805	334,805	327,527
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	3,459,200	3,459,200	3,384,000
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	14,495,963	14,495,963	14,180,833
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	1,603,829	1,603,829	1,568,963
				507,754	22,463,170	44.24	20,666,116	20,666,116	20,216,853
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	1,643,276	1,606,759	1,606,759
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	419,182	409,866	409,866
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	10,563,904	10,329,150	10,329,150

USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	633,333	619,259	619,259
				429,572	16,049,660	37.36	13,259,694	12,965,035	12,965,035
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	126,588	122,632	122,632
				2,324	98,897	42.55	126,588	122,632	122,632
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	160,782	160,782	157,043
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	2,866,989	2,866,989	2,800,315
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	715,038	715,038	698,410
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	218,777	218,777	213,589
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	426,926	426,926	416,997
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	1,558,068	1,558,068	1,521,834
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	2,426,823	2,426,823	2,370,385
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	616,714	616,714	602,371
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	1,942,127	1,942,127	1,896,961
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	1,973,087	1,973,087	1,927,202
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	4,134,180	4,134,180	4,038,036
				422,647	17,832,045	42.19	17,039,510	17,039,510	16,643,242
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
				53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	248,466	248,466	242,588
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	218,183	218,183	213,109
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	1,381,770	1,381,770	1,349,635
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	426,694	426,694	416,771
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	30,322	30,322	29,617
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	17,628,231	17,628,231	17,218,272
				651,021	20,860,813	32.04	19,933,666	19,933,666	19,470,092
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	286,940	286,940	280,702
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	10,267,091	10,267,091	10,043,894
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	215,400	215,400	210,717
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	1,071,716	1,071,716	1,048,418
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	2,707,419	2,707,419	2,648,562
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	1,706,652	1,706,652	1,669,550
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	5,545,439	5,545,439	5,424,886
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	4,106,008	4,106,008	4,016,747
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	470,555	470,555	460,326
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	1,702,272	1,702,272	1,665,266
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	4,877,727	4,877,727	4,771,689
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	428,337	428,337	419,026
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	663,712	663,712	649,283
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	7,253,313	7,253,313	7,095,632
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	18,798,825	18,798,825	18,390,154
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	1,259,855	1,259,855	1,232,467
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	405,452	405,452	396,638
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	2,047,174	2,047,174	2,002,670
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	1,333,860	1,333,860	1,304,863
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	1,926,615	1,926,615	1,884,732
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	1,997,429	1,997,429	1,954,000
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	2,216,618	2,216,618	2,168,436
				1,690,623	77,487,401	45.83	71,288,409	71,288,409	69,738,661
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	1,575,098	1,525,876	1,525,876
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	2,713,974	2,629,162	2,629,162
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	9,709,412	9,405,993	9,405,993
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	424,636	411,366	411,366
				305,259	11,268,062	36.91	14,423,119	13,972,397	13,972,397
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	1,216,041	1,216,041	1,187,761
Army	VA	NA	FT A P HILL	11,791	762,518	64.67	728,628	728,628	711,683
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	2,734,921	2,734,921	2,671,319
Navy	VA	N55631	NISMV PORTSMOUTH TOTAL	447	25,164	56.30	24,046	24,046	23,486
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	11,382	11,382	11,117
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	4,092,944	4,092,944	3,997,759
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	2,297,156	2,297,156	2,243,733
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	1,720,000	1,720,000	1,680,000
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	795,403	795,403	776,906
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	142,548	142,548	139,233
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	2,467,414	2,467,414	2,410,032
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	83,048	83,048	81,117
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	6,364	6,364	6,216
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	63,626	63,626	62,146
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	1,493,318	1,493,318	1,458,590
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	602,868	602,868	588,847
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	3,336,763	3,336,763	3,259,164
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	3,063,489	3,063,489	2,992,245
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	1,940,085	1,940,085	1,894,966
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	1,512,693	1,512,693	1,477,514
USMC	VA	M67353	HQB N ARLINGTON TOTAL	8,438	371,044	43.97	354,553	354,553	346,308
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	58,849	58,849	57,480
Navy	VA	N0387A	NMTC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	179,923	179,923	175,738
Navy	VA	N45004	MARENVIRO SY FAC DAM NECK TOTAL	6,452	282,691	43.81	270,127	270,127	263,845
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	247,321	247,321	241,569
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	344,980	344,980	336,958
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	2,009,376	2,009,376	1,962,646
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	3,106,940	3,106,940	3,034,686

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	8,379,528	8,379,528	8,184,655
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	3,723,455	3,723,455	3,636,863
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	191,946	191,946	187,482
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	37,630	37,630	36,755
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	19,265,955	19,265,955	18,817,910
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	1,390,553	1,390,553	1,358,215
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	44,675	44,675	43,636
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	153,791	153,791	150,214
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	741,567	741,567	724,321
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	136,285	136,285	133,116
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	146,737	146,737	143,325
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	263,706	263,706	257,573
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	804,341	804,341	785,635
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	104,085	104,085	101,664
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	112,976	112,976	110,349
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	2,607,040	2,607,040	2,546,411
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	739,152	739,152	721,962
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	112,507	112,507	109,891
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	1,838,279	1,838,279	1,795,528
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	222,506	222,506	217,331
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	69,252	69,252	67,641
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	17,267	17,267	16,865
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	56,131	56,131	54,826
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	767,063	767,063	749,224
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	4,089,924	4,089,924	3,994,809
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	3,255,359	3,255,359	3,179,653
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	1,589,137	1,589,137	1,552,180
				2,076,168	89,754,749	43.23	85,765,649	85,765,649	83,771,099
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	210,664	210,664	205,983
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	1,092,071	1,092,071	1,067,803
				32,608	1,302,735	39.95	1,302,735	1,302,735	1,273,785
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	854,386	854,386	835,812
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	176,640	176,640	172,800
				26,676	1,120,680	42.01	1,031,026	1,031,026	1,008,612
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	2,630,834	2,630,834	2,630,834
				51,369	2,854,735	55.57	2,630,834	2,630,834	2,630,834
Total for 31 states				13,619,940	617,417,083	45.33	586,599,954	583,872,142	574,405,628

DOD Electric Power Usage and Cost Baseline
Group of 31 - Main Base Only

				FY 1996			Total Baseline Cost (\$)		
				MWh	\$	\$/MWh	2006	2007	2008
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	50,897	49,713	49,713
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	20,490,713	20,014,184	20,014,184
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	3,200,644	3,126,210	3,126,210
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	1,639,160	1,601,040	1,601,040
Army	AL	NA	ANNISTON AD	68,258	2,851,644	41.78	2,724,904	2,661,534	2,661,534
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	5,066,304	4,948,483	4,948,483
				722,916	34,715,534	48.02	33,172,621	32,401,165	32,401,165
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	13,206	13,506	13,506
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	1,322,745	1,352,808	1,352,808
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	2,297,512	2,349,728	2,349,728
				74,574	3,963,778	53.15	3,633,463	3,716,042	3,716,042
Army	CO	NA	PUEBLO AD	776	85,274	109.89	76,914	76,914	75,242
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	3,104,157	3,104,157	3,036,675
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	3,992,747	3,992,747	3,905,948
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	2,736,456	2,736,456	2,676,968
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	2,082,470	2,082,470	2,037,199
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	1,082,289	1,082,289	1,058,761
				324,570	14,496,231	44.66	13,075,032	13,075,032	12,790,792
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	342,339	342,339	342,339
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	174,066	174,066	174,066
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	4,892,350	4,892,350	4,892,350
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	7,221,011	7,221,011	7,221,011
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	4,204,773	4,204,773	4,204,773
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	9,260,125	9,260,125	9,260,125
				601,394	28,994,072	48.21	26,094,665	26,094,665	26,094,665
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	2,631,150	2,586,554	2,452,767
				53,261	2,854,129	53.59	2,631,150	2,586,554	2,452,767
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	57,349	54,220	56,306
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	115,553	109,250	113,452
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	103,421	97,780	101,541
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	3,272,321	3,093,830	3,212,824
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	290,469	274,626	285,188
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	62,526	59,116	61,389
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	19,560	18,493	19,204
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	66,758	63,117	65,545
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	4,153,381	3,926,833	4,077,865
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	333,234	315,058	327,176
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	26,111	24,686	25,636
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	3,507,374	3,316,063	3,443,604
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	7,014,351	6,631,750	6,886,817
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	170,541	161,238	167,440
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	3,100,327	2,931,218	3,043,957
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	162,983	154,093	160,020
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	49,705	46,993	48,801
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	142,104	134,352	139,520
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	84,629	80,012	83,090
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	555,803	525,486	545,697
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	877,013	829,176	861,067
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	2,678,803	2,532,686	2,630,097
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	717,817	678,663	704,765
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	1,180,206	1,115,832	1,158,748
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	68,239	64,516	66,998
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	1,098,623	1,038,698	1,078,648
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	7,813,022	7,386,857	7,670,967
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	23,334	22,061	22,909
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	2,937,116	2,776,909	2,883,714
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	3,486,038	3,295,890	3,422,655
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	859,656	812,765	844,026
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	107,861	101,977	105,900
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	4,773,800	4,513,221	4,686,807
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	127,355	120,408	125,039
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	38,827	36,709	38,121
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	584,063	552,205	573,444
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	10,179,807	9,624,545	9,994,720
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	1,308,879	1,237,486	1,285,082
Navy	FL	N0463A	NAVXDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	132,540	125,311	130,311
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	667,776	631,352	655,635
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	7,589	7,175	7,451
				1,347,274	65,245,995	48.43	62,956,662	59,522,662	61,811,995
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	12,328	12,041	12,041
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	287,038	280,363	280,363
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	13,774	13,454	13,454
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	480,612	469,435	469,435
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	825,098	805,910	805,910
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	2,757,388	2,693,263	2,693,263
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	6,173,293	6,029,728	6,029,728
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	2,347,437	2,292,845	2,292,845

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	7,178,820	7,011,871	7,011,871
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	10,060,726	9,826,756	9,826,756
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	1,592,661	1,555,622	1,555,622
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	2,690,009	2,627,451	2,627,451
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	9,404,288	9,185,584	9,185,584
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	2,409,996	2,353,950	2,353,950
Navy	GA	N44466	TRIREFFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	1,034,763	1,010,699	1,010,699
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	1,801,435	1,759,541	1,759,541
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	742,073	724,815	724,815
				1,175,501	52,128,567	44.35	49,811,742	48,653,329	48,653,329
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	228,503	228,503	228,503
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	1,714,451	1,714,451	1,714,451
							1,942,955	1,942,955	1,942,955
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	23,445	23,978	23,978
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	2,241,581	2,292,526	2,292,526
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	6,141,577	6,281,158	6,281,158
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	3,722,985	3,807,598	3,807,598
				283,579	13,232,277	46.66	12,129,587	12,405,260	12,405,260
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	10,873,985	10,873,985	10,873,985
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	251,671	251,671	251,671
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	6,458,558	6,458,558	6,458,558
				482,250	19,538,014	40.51	17,584,213	17,584,213	17,584,213
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	34,100	34,875	34,875
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	233,228	238,528	238,528
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	192,822	197,204	197,204
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	1,365,059	1,396,083	1,396,083
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	2,158,181	2,207,230	2,207,230
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	9,529,981	9,746,572	9,746,572
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	2,691,176	2,752,339	2,752,339
				341,867	17,677,686	51.71	16,204,546	16,572,831	16,572,831
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	48,781	48,781	48,781
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	245,395	245,395	245,395
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	222,941	222,941	222,941
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	1,280,566	1,280,566	1,280,566
				40,909	1,986,912	48.57	1,797,682	1,797,682	1,797,682
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	4,228,506	4,326,844	4,326,844
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	2,230,483	2,282,354	2,282,354
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	90,601	92,708	92,708
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	3,009,885	3,079,883	3,079,883
				182,557	10,004,102	54.80	9,559,475	9,781,789	9,781,789
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	12,528	12,237	12,237
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	194,921	190,388	190,388
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	1,609,101	1,571,680	1,571,680
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	1,238,290	1,209,493	1,209,493
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	420,572	410,792	410,792
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	1,096,817	1,071,310	1,071,310
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	5,353,185	5,228,692	5,228,692
				228,380	10,387,062	45.48	9,925,415	9,694,591	9,694,591
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	211,056	206,148	206,148
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	5,544,059	5,415,127	5,415,127
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	2,320,440	2,266,476	2,266,476
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	897,064	876,202	876,202
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	23,553,978	23,006,211	23,006,211
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	11,402,650	11,137,472	11,137,472
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	2,751,590	2,687,600	2,687,600
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	3,349,863	3,271,960	3,271,960
				996,095	52,357,710	52.56	50,030,701	48,867,196	48,867,196
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	1,503,957	1,503,957	1,503,957
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	14,812	14,812	14,812
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	4,526,559	4,526,559	4,526,559
				144,801	6,681,678	46.14	6,045,328	6,045,328	6,045,328
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	16,615	16,615	16,254
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	272,452	272,452	266,529
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	5,061,869	5,061,869	4,951,828
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	3,488,540	3,488,540	3,412,702
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	6,347,110	6,209,129	6,209,129
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	1,861,179	1,861,179	1,820,719
				319,277	18,900,782	59.20	17,047,764	17,047,764	16,677,161
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	755,530	755,530	755,530
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	327,527	327,527	327,527
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	3,384,000	3,384,000	3,384,000
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	14,180,833	14,180,833	14,180,833
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	1,568,963	1,568,963	1,568,963
				507,754	22,463,170	44.24	20,216,853	20,216,853	20,216,853
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	1,606,759	1,643,276	1,643,276
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	409,866	419,182	419,182
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	10,329,150	10,563,904	10,563,904

USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	619,259	633,333	633,333
				429,572	16,049,660	37.36	12,965,035	13,259,694	13,259,694
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	122,632	122,632	122,632
				2,324	98,897	42.55	122,632	122,632	122,632
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	160,782	157,043	157,043
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	2,866,989	2,800,315	2,800,315
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	715,038	698,410	698,410
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	218,777	213,689	213,689
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	426,926	416,997	416,997
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	1,558,068	1,521,834	1,521,834
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	2,426,823	2,370,385	2,370,385
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	616,714	602,371	602,371
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	1,942,127	1,896,961	1,896,961
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	1,973,087	1,927,202	1,927,202
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	4,134,180	4,038,036	4,038,036
				422,647	17,832,045	42.19	17,039,510	16,643,242	16,643,242
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
				53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	248,466	242,688	242,688
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	218,183	213,109	213,109
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	1,381,770	1,349,635	1,349,635
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	426,694	416,771	416,771
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	30,322	29,617	29,617
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	17,628,231	17,218,272	17,218,272
				651,021	20,860,813	32.04	19,933,666	19,470,092	19,470,092
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	280,702	280,702	280,702
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	10,043,894	10,043,894	10,043,894
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	210,717	210,717	210,717
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	1,048,418	1,048,418	1,048,418
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	2,648,562	2,648,562	2,648,562
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	1,669,550	1,669,550	1,669,550
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	5,424,886	5,424,886	5,424,886
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	4,016,747	4,016,747	4,016,747
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	460,326	460,326	460,326
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	1,665,266	1,665,266	1,665,266
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	4,771,689	4,771,689	4,771,689
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	419,026	419,026	419,026
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	649,283	649,283	649,283
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	7,095,632	7,095,632	7,095,632
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	18,390,154	18,390,154	18,390,154
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	1,232,467	1,232,467	1,232,467
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	396,638	396,638	396,638
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	2,002,670	2,002,670	2,002,670
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	1,304,863	1,304,863	1,304,863
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	1,884,732	1,884,732	1,884,732
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	1,954,000	1,954,000	1,954,000
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	2,168,430	2,168,430	2,168,430
				1,690,623	77,487,401	45.83	69,738,661	69,738,661	69,738,661
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	1,525,876	1,525,876	1,525,876
Army	UT	NA	TOOLEE AD	55,582	2,120,292	38.15	2,629,162	2,629,162	2,629,162
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	9,405,993	9,405,993	9,405,993
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	411,366	411,366	411,366
				305,259	11,268,062	36.91	13,972,397	13,972,397	13,972,397
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	1,216,041	1,187,761	1,187,761
Army	VA	NA	FT A P HILL	11,791	762,518	64.67	728,628	711,683	711,683
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	2,734,921	2,671,319	2,671,319
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	24,046	23,486	23,486
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	11,382	11,117	11,117
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	4,092,944	3,997,759	3,997,759
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	2,297,156	2,243,733	2,243,733
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	1,720,000	1,680,000	1,680,000
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	795,403	776,906	776,906
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	142,548	139,233	139,233
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	2,467,414	2,410,032	2,410,032
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	83,048	81,117	81,117
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	6,364	6,216	6,216
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	63,626	62,146	62,146
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	1,493,318	1,458,590	1,458,590
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	602,868	588,847	588,847
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	3,336,763	3,259,164	3,259,164
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	3,063,489	2,992,245	2,992,245
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	1,940,085	1,894,966	1,894,966
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	1,512,693	1,477,514	1,477,514
USMC	VA	M67353	HQB N ARLINGTON TOTAL	8,438	371,044	43.97	354,553	346,308	346,308
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	58,849	57,480	57,480
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	179,923	175,738	175,738
Navy	VA	N4500A	MARENVIRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	270,127	263,845	263,845
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	247,321	241,569	241,569
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	344,980	336,958	336,958
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	2,009,376	1,962,646	1,962,646
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	3,106,940	3,034,686	3,034,686

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	8,379,528	8,184,655	8,184,655
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	3,723,455	3,636,863	3,636,863
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	191,946	187,482	187,482
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	37,630	36,755	36,755
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	19,265,955	18,817,910	18,817,910
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	1,390,553	1,358,215	1,358,215
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	44,675	43,636	43,636
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	153,791	150,214	150,214
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	741,567	724,321	724,321
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	136,285	133,116	133,116
USMC	VA	N67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	146,737	143,325	143,325
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	263,706	257,573	257,573
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	804,341	785,635	785,635
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	104,085	101,664	101,664
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	112,976	110,349	110,349
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	2,607,040	2,546,411	2,546,411
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	739,152	721,962	721,962
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	112,507	109,891	109,891
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	1,838,279	1,795,528	1,795,528
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	222,506	217,331	217,331
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	69,252	67,641	67,641
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	17,267	16,865	16,865
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	56,131	54,826	54,826
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	767,063	749,224	749,224
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	4,089,924	3,994,809	3,994,809
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	3,255,359	3,179,653	3,179,653
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	1,589,137	1,552,180	1,552,180
				2,076,168	89,754,749	43.23	85,765,649	83,771,099	83,771,099
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	201,301	205,983	205,983
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	1,043,535	1,067,803	1,067,803
				32,608	1,302,735	39.95	1,244,836	1,273,785	1,273,785
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	835,812	835,812	835,812
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	172,800	172,800	172,800
				26,676	1,120,680	42.01	1,008,612	1,008,612	1,008,612
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	2,574,859	2,574,859	2,518,884
				51,369	2,854,735	55.57	2,574,859	2,574,859	2,518,884
Total for 31 states				13,619,940	617,417,083	45.33	579,666,730	571,282,006	572,726,733

DOD Electric Power Usage and Cost Baseline
Group of 31 - Main Base Only

				MWh	FY 1996 \$	\$/MWh	Total Baseline Cost (\$)		
							2009	2010	2011
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	49,713	49,713	48,529
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	20,014,184	20,014,184	19,537,656
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	3,126,210	3,126,210	3,051,777
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	1,601,040	1,601,040	1,562,920
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	2,661,534	2,661,534	2,598,165
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	4,948,483	4,948,483	4,830,662
				722,916	34,715,534	48.02	32,401,165	32,401,165	31,629,709
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	13,506	13,506	13,206
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	1,352,808	1,352,808	1,322,745
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	2,349,728	2,349,728	2,297,512
				74,574	3,963,778	53.15	3,716,042	3,716,042	3,633,463
Army	CO	NA	PUEBLO AD	776	85,274	109.89	73,570	73,570	71,898
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	2,969,193	2,969,193	2,901,712
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	3,819,149	3,819,149	3,732,350
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	2,617,480	2,617,480	2,557,992
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	1,991,927	1,991,927	1,946,656
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	1,035,233	1,035,233	1,011,705
				324,570	14,496,231	44.66	12,506,552	12,506,552	12,222,312
Navy	DC	N62285	NAOBSERV TOTAL	5,097	380,377	74.63	342,339	334,732	327,124
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	174,066	170,198	166,330
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	4,892,350	4,783,631	4,674,912
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	7,221,011	7,060,544	6,900,078
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	4,204,773	4,111,334	4,017,894
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	9,260,125	9,054,345	8,848,564
				601,394	28,994,072	48.21	26,094,665	25,514,783	24,934,902
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	2,497,363	2,541,959	2,452,767
				53,261	2,854,129	53.59	2,497,363	2,541,959	2,452,767
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	56,306	56,306	55,263
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	113,452	113,452	111,351
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	101,541	101,541	99,660
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	3,212,824	3,212,824	3,153,327
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	285,188	285,188	279,907
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	61,389	61,389	60,253
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	19,204	19,204	18,848
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	65,545	65,545	64,331
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	4,077,865	4,077,865	4,002,349
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	327,176	327,176	321,117
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	25,636	25,636	25,161
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	3,443,604	3,443,604	3,379,833
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	6,886,817	6,886,817	6,759,283
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	167,440	167,440	164,339
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	3,043,957	3,043,957	2,987,588
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	160,020	160,020	157,057
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	48,801	48,801	47,897
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	139,520	139,520	136,936
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	83,090	83,090	81,551
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	545,697	545,697	535,592
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	861,067	861,067	845,121
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	2,630,097	2,630,097	2,581,392
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	704,765	704,765	691,714
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	1,158,748	1,158,748	1,137,290
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	66,998	66,998	65,757
Navy	FL	D61331	NSC PANAMA CITY MB	24,151	1,138,573	47.14	1,078,648	1,078,648	1,058,673
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	7,670,967	7,670,967	7,528,912
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	22,909	22,909	22,485
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	2,883,714	2,883,714	2,830,312
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	3,422,655	3,422,655	3,359,273
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	844,026	844,026	828,396
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	105,900	105,900	103,939
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	4,686,807	4,686,807	4,600,014
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	125,039	125,039	122,724
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	38,121	38,121	37,415
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	573,444	573,444	562,825
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	9,994,720	9,994,720	9,809,632
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	1,285,082	1,285,082	1,261,284
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	130,131	130,131	127,721
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	655,635	655,635	643,493
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	7,451	7,451	7,313
				1,347,274	65,245,995	48.43	61,811,995	61,811,995	60,667,329
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	12,041	12,041	11,754
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	280,363	280,363	273,688
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	13,454	13,454	13,134
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	469,435	469,435	458,258
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	805,910	805,910	786,722
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	2,693,263	2,693,263	2,629,138
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	6,029,728	6,029,728	5,886,163
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	2,292,845	2,292,845	2,238,254

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	7,011,871	7,011,871	6,844,922
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	9,826,756	9,826,756	9,592,785
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	1,555,622	1,555,622	1,518,584
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	2,627,451	2,627,451	2,564,893
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,689	43.16	9,185,584	9,185,584	8,966,879
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,087	31.97	2,353,950	2,353,950	2,297,903
Navy	GA	N44466	TRIREFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	1,010,699	1,010,699	986,635
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	1,759,541	1,759,541	1,717,648
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	724,815	724,815	707,558
				1,175,501	52,128,567	44.35	48,653,329	48,653,329	47,494,917
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	221,132	221,132	221,132
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	1,659,146	1,659,146	1,659,146
							1,880,279	1,880,279	1,880,279
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	23,978	23,978	23,445
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	2,292,526	2,292,526	2,241,581
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	6,281,158	6,281,158	6,141,577
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	3,807,598	3,807,598	3,722,985
				283,579	13,232,277	46.66	12,405,260	12,405,260	12,129,587
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	10,873,985	10,632,340	10,390,696
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	251,671	246,078	240,485
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	6,458,558	6,315,034	6,171,511
				482,250	19,538,014	40.51	17,584,213	17,193,452	16,802,692
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	34,875	34,875	34,100
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	238,528	238,528	233,228
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	197,204	197,204	192,322
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	1,396,083	1,396,083	1,365,059
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	2,207,230	2,207,230	2,158,181
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	9,746,572	9,746,572	9,529,981
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	2,752,339	2,752,339	2,691,176
				341,867	17,677,686	51.71	16,572,831	16,572,831	16,204,546
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	48,781	48,781	48,781
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	245,395	245,395	245,395
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	222,941	222,941	222,941
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	1,280,566	1,280,566	1,280,566
				40,909	1,986,912	48.57	1,797,682	1,797,682	1,797,682
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	4,228,506	4,228,506	4,130,169
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	2,230,483	2,230,483	2,178,611
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	90,601	90,601	88,494
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	3,009,885	3,009,885	2,939,888
				182,557	10,004,102	54.80	9,559,475	9,559,475	9,337,162
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	12,237	12,237	11,946
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	190,388	190,388	185,855
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	1,571,680	1,571,680	1,534,259
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	1,209,493	1,209,493	1,180,695
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	410,792	410,792	401,011
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	1,071,310	1,071,310	1,045,802
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	5,228,692	5,228,692	5,104,199
				228,380	10,387,062	45.48	9,694,591	9,694,591	9,463,768
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	206,148	206,148	201,240
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	5,415,127	5,415,127	5,286,196
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	2,266,476	2,266,476	2,212,512
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	876,202	876,202	855,340
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	23,006,211	23,006,211	22,458,444
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	11,137,472	11,137,472	10,872,294
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	2,687,600	2,687,600	2,623,609
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	3,271,960	3,271,960	3,194,056
				996,095	52,357,710	52.56	48,867,196	48,867,196	47,703,691
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	1,503,957	1,503,957	1,503,957
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	14,812	14,812	14,812
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	4,526,559	4,526,559	4,526,559
				144,801	6,681,678	46.14	6,045,328	6,045,328	6,045,328
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	15,893	15,893	15,531
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	260,606	260,606	254,683
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	4,841,788	4,841,788	4,731,747
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	3,336,864	3,336,864	3,261,026
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	6,071,148	6,071,148	5,933,168
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	1,780,258	1,780,258	1,739,798
				319,277	18,900,782	59.20	16,306,557	16,306,557	15,935,953
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	755,530	738,741	721,951
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	327,527	320,249	312,970
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	3,384,000	3,308,800	3,233,600
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	14,180,833	13,865,703	13,550,574
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	1,568,963	1,534,097	1,499,231
				507,754	22,463,170	44.24	20,216,853	19,767,590	19,318,326
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	1,643,276	1,643,276	1,606,759
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	419,182	419,182	409,866
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	10,563,904	10,563,904	10,329,150

USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	633,333	633,333	619,259
				429,572	16,049,660	37.36	13,259,694	13,259,694	12,965,035
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	118,676	118,676	118,676
				2,324	98,897	42.55	118,676	118,676	118,676
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	157,043	157,043	153,304
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	2,800,315	2,800,315	2,733,640
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	698,410	698,410	681,781
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	213,689	213,689	208,602
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	416,997	416,997	407,069
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	1,521,834	1,521,834	1,485,599
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	2,370,385	2,370,385	2,313,947
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	602,371	602,371	588,029
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	1,896,961	1,896,961	1,851,795
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	1,927,202	1,927,202	1,881,316
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	4,038,036	4,038,036	3,941,892
				422,647	17,832,045	42.19	16,643,242	16,643,242	16,246,974
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
				53,613	1,592,708	29.71	1,441,022	1,441,022	1,441,022
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	242,588	242,588	236,910
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	213,109	213,109	208,035
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	1,349,635	1,349,635	1,317,501
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	416,771	416,771	406,848
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	29,617	29,617	28,911
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	17,218,272	17,218,272	16,808,314
				651,021	20,860,813	32.04	19,470,092	19,470,092	19,006,519
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	280,702	274,464	268,225
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	10,043,894	9,820,696	9,597,499
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	210,717	206,034	201,352
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	1,048,418	1,025,120	1,001,322
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	2,648,562	2,589,705	2,530,848
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	1,669,550	1,632,449	1,595,348
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	5,424,886	5,304,333	5,183,780
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	4,016,747	3,927,486	3,838,225
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	460,326	450,096	439,867
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	1,665,266	1,628,260	1,591,255
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	4,771,689	4,665,552	4,559,614
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	419,026	409,714	400,402
Navy	TX	N66082	NWSPURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	649,283	634,855	620,426
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	7,095,632	6,937,952	6,780,271
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	18,390,154	17,981,484	17,572,814
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	1,232,467	1,205,079	1,177,691
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	396,638	387,824	379,010
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	2,002,670	1,958,166	1,913,863
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	1,304,863	1,275,866	1,246,869
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	1,884,732	1,842,849	1,800,966
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	1,954,006	1,910,584	1,867,161
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	2,168,430	2,120,243	2,072,056
				1,690,623	77,487,401	45.83	69,738,661	68,188,913	66,639,165
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	1,476,654	1,476,654	1,476,654
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	2,544,350	2,544,350	2,544,350
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	9,102,574	9,102,574	9,102,574
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	398,096	398,096	398,096
				305,259	11,268,062	36.91	13,521,674	13,521,674	13,521,674
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	1,187,761	1,187,761	1,159,481
Army	VA	NA	FT A P HILL	11,791	762,518	64.67	711,683	711,683	694,739
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	2,671,319	2,671,319	2,607,716
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	23,486	23,486	22,927
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	11,117	11,117	10,852
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	3,997,759	3,997,759	3,902,574
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	2,243,733	2,243,733	2,190,311
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	1,680,000	1,680,000	1,640,000
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	776,906	776,906	758,408
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	139,233	139,233	135,918
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	2,410,032	2,410,032	2,352,650
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	81,117	81,117	79,186
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	6,216	6,216	6,068
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	62,146	62,146	60,666
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	1,458,590	1,458,590	1,423,862
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	588,847	588,847	574,827
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	3,259,164	3,259,164	3,181,564
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	2,992,245	2,992,245	2,921,001
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	1,894,966	1,894,966	1,849,848
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	1,477,514	1,477,514	1,442,335
USMC	VA	M67353	HQBN ARLINGTON TOTAL	8,438	371,044	43.97	346,308	346,308	338,062
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	57,480	57,480	56,112
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	175,738	175,738	171,554
Navy	VA	N45004	MARENVIROX SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	263,845	263,845	257,563
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	241,569	241,569	235,817
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	336,958	336,958	328,935
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	1,962,646	1,962,646	1,915,916
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	3,034,686	3,034,686	2,962,431

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	8,184,655	8,184,655	7,989,782
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	3,636,863	3,636,863	3,550,271
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	187,482	187,482	183,019
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	36,755	36,755	35,880
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	18,817,910	18,817,910	18,369,864
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	1,358,215	1,358,215	1,325,876
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	43,636	43,636	42,597
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	150,214	150,214	146,638
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	724,321	724,321	707,075
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	133,116	133,116	129,946
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	143,325	143,325	139,912
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	257,573	257,573	251,440
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	785,635	785,635	766,930
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	101,664	101,664	99,244
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	110,349	110,349	107,722
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	2,546,411	2,546,411	2,485,783
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	721,962	721,962	704,773
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	109,891	109,891	107,274
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	1,795,528	1,795,528	1,752,777
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	217,331	217,331	212,157
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	67,641	67,641	66,031
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	16,865	16,865	16,464
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	54,826	54,826	53,520
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	749,224	749,224	731,385
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	3,994,809	3,994,809	3,899,695
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	3,179,653	3,179,653	3,103,947
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	1,552,180	1,552,180	1,515,223
				2,076,168	89,754,749	43.23	83,771,099	83,771,099	81,776,549
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	201,301	201,301	196,620
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	1,043,535	1,043,535	1,019,266
				32,608	1,302,735	39.95	1,244,836	1,244,836	1,215,886
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	835,812	817,238	798,665
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	172,800	168,960	165,120
				26,676	1,120,680	42.01	1,008,612	986,198	963,785
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	2,462,909	2,462,909	2,406,933
				51,369	2,854,735	55.57	2,462,909	2,462,909	2,406,933
Total for 31 states				13,619,940	617,417,083	45.33	571,291,893	568,344,422	555,956,631

DOD Electric Power Usage and Cost Baseline
Group of 31 - Main Base Only

				FY 1996			Total Baseline Cost (\$)	
				MWh	\$	\$/MWh	Total	NPV
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	765,818	570,082
Army	AL	NA	REDSTONE ARS	407,407	21,443,769	52.63	308,313,745	229,511,793
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	48,158,525	35,849,681
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	24,663,640	18,359,857
Army	AL	NA	ANNISTON AD	68,258	2,851,644	41.78	41,000,304	30,521,030
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	76,230,201	56,746,514
				722,916	34,715,534	48.02	499,132,233	371,558,957
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	203,485	151,263
Army	AR	NA	PINE BLUFF ARS	24,287	1,442,995	59.41	20,382,304	15,151,485
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	35,402,575	26,317,024
				74,574	3,963,778	53.15	55,988,364	41,619,772
Army	CO	NA	PUEBLO AD	776	85,274	109.89	1,170,427	873,512
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	47,237,167	35,253,983
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	60,759,190	45,345,722
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	41,641,724	31,077,999
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	31,689,755	23,650,658
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	16,469,614	12,291,581
				324,570	14,496,231	44.66	198,967,876	148,493,454
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	5,256,810	3,919,448
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	2,672,885	1,992,888
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	75,124,746	56,012,592
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	110,882,642	82,573,479
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	64,566,625	48,140,516
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	142,194,367	106,019,327
				601,394	28,994,072	48.21	400,698,075	298,758,250
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	39,511,848	29,476,724
				53,261	2,854,129	53.59	39,511,848	29,476,724
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	867,528	646,348
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	1,748,003	1,302,343
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	1,564,481	1,165,611
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	49,501,285	36,880,740
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	4,394,011	3,273,741
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	945,855	704,704
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	295,885	220,448
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	1,009,873	752,402
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	62,829,327	46,810,745
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	5,040,927	3,755,723
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	394,981	294,279
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	53,057,005	39,529,915
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	106,107,996	79,055,349
Navy	FL	N0610A	NAVDIVSALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	6,879,813	1,922,080
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	46,899,490	34,942,282
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	2,465,493	1,836,906
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	751,894	560,196
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	2,149,640	1,601,581
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	1,280,200	953,808
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	8,407,783	6,264,186
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	13,266,809	9,884,385
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	40,522,983	30,191,491
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	10,858,607	8,090,163
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	17,853,304	13,301,535
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	1,032,264	769,084
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	16,619,171	12,382,048
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	118,189,716	88,056,788
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	352,972	262,981
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	44,430,552	33,102,809
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	52,734,247	39,289,446
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	13,004,248	9,688,764
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	1,631,640	1,215,647
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	72,211,542	53,800,928
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	1,926,532	1,435,356
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	587,348	437,601
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	8,835,285	6,582,695
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	153,992,720	114,731,676
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	19,799,775	14,751,746
Navy	FL	N0463A	NAVXDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	2,004,974	1,493,798
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	10,101,633	7,526,182
Navy	FL	B61331	NAVCOASTSYSCEAN PANAMA CITY TOTAL	219	7,865	35.91	114,801	85,532
				1,347,274	65,245,995	48.43	952,362,594	709,554,040
Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	185,488	138,079
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	4,318,926	3,215,051
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	207,256	154,283
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	7,231,533	5,383,225
USAF	GA	FP6703	FT DOBBINS ARB	16,097	863,475	53.64	12,414,852	9,241,738
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	41,489,076	30,884,878
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	92,886,526	69,145,646
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	35,320,736	26,293,105

Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	108,016,204	80,408,328
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	151,378,834	112,687,897
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	23,963,989	17,839,029
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	40,475,256	30,130,180
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	141,501,732	105,335,285
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	36,262,035	26,993,817
Navy	GA	N44466	TRIREFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	15,569,581	11,590,149
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	27,105,317	20,177,466
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	11,165,610	8,311,790
				1,175,501	52,128,567	44.35	749,492,952	557,929,946
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	3,375,955	2,498,523
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	25,329,635	18,746,302
							28,705,590	21,244,824
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	361,261	268,549
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	34,540,724	25,676,354
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	94,636,116	70,349,145
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	57,367,812	42,645,204
				283,579	13,232,277	46.66	186,905,913	138,939,252
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	166,976,073	124,496,429
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	3,864,542	2,881,381
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	99,174,739	73,944,132
				482,250	19,538,014	40.51	270,015,353	201,321,941
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	525,450	390,601
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	3,593,824	2,671,522
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	2,971,208	2,208,691
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	21,034,314	15,636,166
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	33,255,603	24,721,041
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	146,848,345	109,161,871
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	41,468,571	30,826,270
				341,867	17,677,686	51.71	249,697,315	185,616,162
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	745,838	555,300
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	3,751,960	2,793,455
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	3,408,644	2,537,846
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	19,579,174	14,577,328
				40,909	1,986,912	48.57	27,485,616	20,463,929
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	65,099,329	48,383,563
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	34,339,058	25,521,707
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	1,394,834	1,036,678
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	46,338,235	34,439,816
				182,557	10,004,102	54.80	147,171,456	109,381,764
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	188,507	140,327
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	2,932,880	2,183,265
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	24,211,358	18,023,174
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	18,631,947	13,869,805
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	6,328,149	4,710,736
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	16,503,273	12,285,200
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	80,546,755	59,959,799
				228,380	10,387,062	45.48	149,342,869	111,172,305
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	3,175,663	2,363,995
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	83,418,745	62,097,737
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	34,914,521	25,990,714
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	13,497,685	10,047,810
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	354,405,206	263,822,731
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	171,570,108	127,718,481
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	41,401,832	30,819,932
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	50,403,759	37,521,055
				996,095	52,357,710	52.56	752,787,519	560,382,454
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	22,994,707	17,120,302
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	226,465	168,611
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	69,208,706	51,528,117
				144,801	6,681,678	46.14	92,429,879	68,817,031
Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	252,837	188,697
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	4,146,004	3,094,240
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	77,028,439	57,487,768
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	53,086,476	39,619,432
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	96,586,453	72,084,280
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	28,322,288	21,137,454
				319,277	18,900,782	59.20	259,422,498	193,611,871
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	11,601,586	8,650,078
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	5,029,361	3,749,863
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	51,963,200	38,743,472
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	217,754,567	162,356,591
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	24,092,295	17,963,081
				507,754	22,463,170	44.24	310,441,009	231,463,085
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	24,758,696	18,404,739
Army	OK	NA	MCALISTER AAP	13,317	447,127	33.58	6,315,669	4,694,845
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	159,162,817	118,316,014

USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	9,542,215	7,093,345
				429,572	16,049,660	37.36	199,779,395	148,508,944
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	1,811,793	1,340,897
				2,324	98,897	42.55	1,811,793	1,340,897
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	2,419,205	1,800,880
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	43,138,179	32,112,486
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	10,758,834	8,008,982
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	3,291,835	2,450,475
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	6,423,747	4,781,900
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	23,443,484	17,451,561
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	36,515,213	27,182,285
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	9,279,389	6,907,669
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	29,222,229	21,753,316
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	29,688,084	22,100,102
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	62,204,981	46,306,001
				422,647	17,832,045	42.19	256,385,180	190,855,657
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	22,032,461	16,403,879
				53,613	1,592,708	29.71	22,032,461	16,403,879
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	3,738,553	2,783,016
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	3,282,892	2,443,817
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	20,790,813	15,476,886
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	6,420,253	4,779,300
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	456,236	339,626
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	265,243,387	197,449,793
				651,021	20,860,813	32.04	299,932,134	223,272,438
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	4,310,334	3,213,761
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	154,229,569	114,992,707
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	3,235,677	2,412,502
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	16,099,042	12,003,356
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	40,670,146	30,323,434
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	25,636,874	19,114,710
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	83,302,137	62,109,609
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	61,679,379	45,987,801
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	7,068,557	5,270,277
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	25,571,091	19,065,663
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	73,271,940	54,631,150
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	6,434,371	4,797,431
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	9,970,107	7,433,656
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	108,957,378	81,238,013
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	282,391,039	210,549,184
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	18,925,219	14,110,537
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	6,090,598	4,541,116
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	30,752,112	22,928,603
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	20,036,899	14,939,400
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	28,941,112	21,578,331
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	30,004,851	22,371,449
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	33,297,452	24,826,394
				1,690,623	77,487,401	45.83	1,070,875,882	798,439,084
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	22,543,584	16,684,363
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	38,843,749	28,748,012
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	138,965,957	102,847,821
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	6,077,605	4,497,997
				305,259	11,268,062	36.91	206,430,896	152,778,193
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	18,297,174	13,620,597
Army	VA	NA	FT A P HILL	11,791	762,518	64.67	10,963,314	8,161,199
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	41,151,026	30,633,230
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	361,802	269,329
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	171,254	127,483
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	61,584,522	45,844,126
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	34,564,178	25,729,915
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	25,880,000	19,265,327
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	11,968,048	8,909,133
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	2,144,848	1,596,646
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	37,125,967	27,636,936
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	1,249,587	930,205
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	95,756	71,282
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	957,344	712,657
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	22,469,232	16,726,318
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	9,071,055	6,752,583
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	50,206,639	37,374,317
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	46,094,825	34,313,442
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	29,191,504	21,730,444
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	22,760,755	16,943,331
USMC	VA	M67353	HQBN ARLINGTON TOTAL	8,438	371,044	43.97	5,334,788	3,971,269
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	885,470	659,152
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	2,707,206	2,015,271
Navy	VA	N45004	MARENIVRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	4,064,468	3,025,630
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	3,721,314	2,770,183
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	5,190,752	3,864,047
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	30,234,094	22,506,558
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	46,748,611	34,800,127

Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	126,082,658	93,857,174
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	56,025,010	41,705,570
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	2,888,122	2,149,946
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	566,197	421,483
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	289,885,417	215,793,563
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	20,922,974	15,575,268
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	672,204	500,395
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	2,314,017	1,722,577
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	11,157,989	8,306,117
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	2,050,616	1,526,499
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	2,207,880	1,643,568
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	3,967,850	2,953,706
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	12,102,523	9,009,238
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	1,566,114	1,165,831
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	1,699,899	1,265,422
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	39,226,862	29,200,863
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	11,121,657	8,279,071
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	1,692,840	1,260,166
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	27,659,681	20,590,140
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,070	232,855	40.80	3,347,937	2,492,238
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	1,042,001	775,676
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	259,806	193,402
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	844,579	628,713
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	11,541,617	8,591,694
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	61,539,089	45,810,305
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	48,981,796	36,462,532
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	23,910,963	17,799,557
				2,076,168	89,754,749	43.23	1,290,473,836	960,641,451
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	3,099,102	2,303,335
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	16,065,578	11,940,367
				32,608	1,302,735	39.95	19,164,679	14,243,702
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	12,834,358	9,569,225
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	2,653,440	1,978,390
				26,676	1,120,680	42.01	15,487,798	11,547,616
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	39,182,637	29,242,736
				51,369	2,854,735	55.57	39,182,637	29,242,736
Total for 31 states				13,619,940	617,417,083	45.33	8,792,115,651	6,547,080,359

APPENDIX A-4

**USAGE AND COST BASELINE
MILITARY FAMILY HOUSING**

31-STATE SUBGROUP

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	1997	1998
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	480,365	480,365
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	218,579	218,579
				12,278	698,944	56.93	698,944	698,944
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,301,749	2,270,218
				38,625	2,333,280	60.41	2,301,749	2,270,218
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	269,536	265,894
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	433,007	427,156
				14,768	721,531	48.86	702,543	693,050
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	46,340	45,739
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,073,288	1,059,350
				18,645	1,148,710	61.61	1,119,629	1,105,088
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,186,752	1,172,953
				22,541	1,214,351	53.87	1,186,752	1,172,953
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,867,327	1,842,093
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	365,639	360,698
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	705,174	695,644
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	98,244	96,917
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,346,312	1,328,118
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,490,438	1,470,297
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	899,040	886,891
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	357,738	352,903
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	578,607	570,788
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	515,664	508,695
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,695,465	1,672,554
				181,672	9,651,550	53.13	9,919,649	9,785,599
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,124	9,124
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	42,945	42,945
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	510,317	510,317
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,421,262	1,421,262
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	214,289	214,289
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	393,647	393,647
				56,039	2,591,584	46.25	2,591,584	2,591,584
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	770,259	801,698
				24,634	707,381	28.72	770,259	801,698
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	342,389	337,698
				5,819	347,079	59.65	342,389	337,698
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	294,896	290,857
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	179,655	177,194
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	325,031	320,578
				16,023	810,535	50.59	799,582	788,629
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	485,572	485,572
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	163,522	163,522
				25,216	649,094	25.74	649,094	649,094
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	393,024	393,024
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	853,842	853,842
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	74,671	74,671
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,088,680	1,088,680
				49,387	2,410,217	48.80	2,410,217	2,410,217
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	391,541	391,541
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,349,992	6,349,992
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,702,230	3,702,230
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,409,012	2,409,012
				204,175	12,852,775	62.95	12,852,775	12,852,775
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,579,760	1,554,685
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	603,473	593,894
				66,557	2,217,888	33.32	2,183,234	2,148,579

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	908,898	896,616
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	900,593	888,422
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	646,180	637,448
				45,290	2,522,040	55.69	2,455,671	2,422,486
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,450,674	1,431,834
				29,630	1,488,354	50.23	1,450,674	1,431,834
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	540,977	533,567
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	210,081	207,203
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	751,059	740,770
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,993,249	1,993,249
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,212,181	1,212,181
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	738,401	738,401
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,249,713	1,249,713
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	24,640	24,640
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	251,674	251,674
				107,319	5,469,858	50.97	5,469,858	5,469,858
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	589,753	580,392
				19,517	599,114	30.70	589,753	580,392
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	47,467	47,467
				1,257	47,467	37.77	47,467	47,467
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	240,597	237,472
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	281,251	277,598
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	158,393	156,336
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,191,908	1,176,429
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	480,637	474,395
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	561,734	554,438
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	107,073	105,682
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	426,061	420,528
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	472,066	465,935
				86,926	4,021,530	46.26	3,919,719	3,868,814
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	370,697	385,827
				9,757	340,436	34.89	370,697	385,827
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	402,196	402,196
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	82,673	82,673
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,185,767	1,185,767
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,420,632	1,420,632
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	106,074	106,074
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,090,306	1,090,306
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	134,613	134,613
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,370	14,370
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	492,452	492,452
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	105,307	105,307
				99,970	5,034,390	50.36	5,034,390	5,034,390
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	46,785	46,177
				1,200	48,000	40.00	46,785	46,177
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	215,662	212,748
				6,168	221,491	35.91	215,662	212,748
Total for 31 states				1,161,752	58,908,946	50.71	58,880,134	58,546,890

DOD Electric Power Usage and Costs Baseline
 Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	1999	2000
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	488,113	488,113
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	222,104	222,104
				12,278	698,944	56.93	710,217	710,217
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,238,688	2,207,157
				38,625	2,333,280	60.41	2,238,688	2,207,157
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	265,894	262,251
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	427,156	421,304
				14,768	721,531	48.86	693,050	683,556
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	45,739	45,137
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,059,350	1,045,411
				18,645	1,148,710	61.61	1,105,088	1,090,547
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,172,953	1,172,953
				22,541	1,214,351	53.87	1,172,953	1,172,953
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,842,093	1,816,859
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	360,698	355,757
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	695,644	686,115
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	96,917	95,589
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,328,118	1,309,925
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,470,297	1,450,156
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	886,891	874,742
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	352,903	348,069
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	570,788	562,969
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	508,695	501,727
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,672,554	1,649,642
				181,672	9,651,550	53.13	9,785,599	9,651,550
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,271	9,271
Navy	GA	D62741	NCSB ATHENS MFH	722	42,945	59.48	43,638	43,638
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	518,548	518,548
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,444,186	1,444,186
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	217,745	217,745
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	399,996	399,996
				56,039	2,591,584	46.25	2,633,384	2,633,384
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	880,296	864,577
				24,634	707,381	28.72	880,296	864,577
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	333,008	328,318
				5,819	347,079	59.65	333,008	328,318
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	286,817	282,777
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	174,733	172,272
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	316,126	311,673
				16,023	810,535	50.59	777,675	766,722
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	491,878	491,878
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	165,646	165,646
				25,216	649,094	25.74	657,524	657,524
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	399,363	399,363
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	867,614	867,614
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	75,875	75,875
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,106,239	1,106,239
				49,387	2,410,217	48.80	2,449,091	2,449,091
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	397,856	397,856
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,452,411	6,452,411
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,761,943	3,761,943
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,447,867	2,447,867
				204,175	12,852,775	62.95	13,060,078	13,060,078
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,529,609	1,479,458
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	584,315	565,157
				66,557	2,217,888	33.32	2,113,925	2,044,616

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	896,616	884,333
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	888,422	876,252
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	637,448	628,715
				45,290	2,522,040	55.69	2,422,486	2,389,301
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,431,834	1,412,994
				29,630	1,488,354	50.23	1,431,834	1,412,994
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	526,156	518,745
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	204,326	201,448
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	730,482	720,193
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	2,025,398	2,025,398
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,231,732	1,231,732
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	750,311	750,311
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,269,870	1,269,870
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	25,037	25,037
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	255,733	255,733
				107,319	5,469,858	50.97	5,558,082	5,558,082
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	571,031	552,308
				19,517	599,114	30.70	571,031	552,308
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	48,233	48,233
				1,257	47,467	37.77	48,233	48,233
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	237,472	234,347
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	277,598	273,946
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	156,336	154,279
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,176,429	1,160,950
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	474,395	468,153
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	554,438	547,143
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	105,682	104,292
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	420,528	414,995
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	465,935	459,804
				86,926	4,021,530	46.26	3,868,814	3,817,908
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	423,654	416,088
				9,757	340,436	34.89	423,654	416,088
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	408,683	408,683
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	84,006	84,006
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,204,892	1,204,892
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,443,545	1,443,545
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	107,785	107,785
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,107,892	1,107,892
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	136,784	136,784
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,602	14,602
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	500,395	500,395
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	107,006	107,006
				99,970	5,034,390	50.36	5,115,590	5,115,590
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	46,177	45,570
				1,200	48,000	40.00	46,177	45,570
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	212,748	209,834
				6,168	221,491	35.91	212,748	209,834
Total for 31 states				1,161,752	58,908,946	50.71	59,039,704	58,606,390

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	2001	2002
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	488,113	480,365
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	222,104	218,579
				12,278	698,944	56.93	710,217	698,944
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,207,157	2,175,626
				38,625	2,333,280	60.41	2,207,157	2,175,626
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	262,251	258,609
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	421,304	415,453
				14,768	721,531	48.86	683,556	674,062
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	45,137	44,535
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,045,411	1,031,472
				18,645	1,148,710	61.61	1,090,547	1,076,007
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,159,153	1,159,153
				22,541	1,214,351	53.87	1,159,153	1,159,153
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,816,859	1,766,391
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	355,757	345,875
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	686,115	667,056
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	95,589	92,934
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,309,925	1,273,538
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,450,156	1,409,874
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	874,742	850,444
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	348,069	338,400
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	562,969	547,331
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	501,727	487,790
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,649,642	1,603,819
				181,672	9,651,550	53.13	9,651,550	9,383,451
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,271	9,124
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	43,638	42,945
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	518,548	510,317
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,444,186	1,421,262
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	217,745	214,289
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	399,996	393,647
				56,039	2,591,584	46.25	2,633,384	2,591,584
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	864,577	864,577
				24,634	707,381	28.72	864,577	864,577
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	328,318	323,628
				5,819	347,079	59.65	328,318	323,628
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	282,777	278,738
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	172,272	169,811
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	311,673	307,221
				16,023	810,535	50.59	766,722	755,769
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	485,572	479,266
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	163,522	161,398
				25,216	649,094	25.74	649,094	640,664
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	399,363	393,024
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	867,614	853,842
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	75,875	74,671
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,106,239	1,088,680
				49,387	2,410,217	48.80	2,449,091	2,410,217
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	397,856	391,541
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,452,411	6,349,992
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,761,943	3,702,230
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,447,867	2,409,012
				204,175	12,852,775	62.95	13,060,078	12,852,775
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,479,458	1,454,383
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	565,157	555,578
				66,557	2,217,888	33.32	2,044,616	2,009,961

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	884,333	872,051
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	876,252	864,082
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	628,715	619,983
				45,290	2,522,040	55.69	2,389,301	2,356,116
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,412,994	1,394,154
				29,630	1,488,354	50.23	1,412,994	1,394,154
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	518,745	511,335
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	201,448	198,570
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	720,193	709,905
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	2,025,398	1,993,249
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,231,312	1,212,181
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	750,311	738,401
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,269,870	1,249,713
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	25,037	24,640
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	255,733	251,674
				107,319	5,469,858	50.97	5,558,082	5,469,858
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	552,308	542,947
				19,517	599,114	30.70	552,308	542,947
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	48,233	47,467
				1,257	47,467	37.77	48,233	47,467
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	234,347	231,223
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	273,946	270,293
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	154,279	152,222
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,160,950	1,145,470
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	468,153	461,911
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	547,143	539,848
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	104,292	102,901
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	414,995	409,462
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	459,804	453,673
				86,926	4,021,530	46.26	3,817,908	3,767,003
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	416,088	416,088
				9,757	340,436	34.89	416,088	416,088
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	408,683	402,196
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	84,006	82,673
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,204,892	1,185,767
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,443,545	1,420,632
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	107,785	106,074
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,107,892	1,090,306
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	136,784	134,613
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,602	14,370
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	500,395	492,452
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	107,006	105,307
				99,970	5,034,390	50.36	5,115,590	5,034,390
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	45,570	44,962
				1,200	48,000	40.00	45,570	44,962
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	209,834	206,919
				6,168	221,491	35.91	209,834	206,919
Total for 31 states				1,161,752	58,908,946	50.71	58,584,161	57,606,228

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	2003	2004
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	480,365	472,617
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	218,579	215,054
				12,278	698,944	56.93	698,944	687,671
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,175,626	2,144,095
				38,625	2,333,280	60.41	2,175,626	2,144,095
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	258,609	254,967
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	415,453	409,601
				14,768	721,531	48.86	674,062	664,568
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	43,933	43,933
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,017,533	1,017,533
				18,645	1,148,710	61.61	1,061,466	1,061,466
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,145,354	1,117,755
				22,541	1,214,351	53.87	1,145,354	1,117,755
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,766,391	1,766,391
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	345,875	345,875
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	667,056	667,056
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	92,934	92,934
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,273,538	1,273,538
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,409,874	1,409,874
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	850,444	850,444
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	338,400	338,400
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	547,331	547,331
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	487,790	487,790
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,603,819	1,603,819
				181,672	9,651,550	53.13	9,383,451	9,383,451
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,124	8,977
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	42,945	42,252
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	510,317	502,086
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,421,262	1,398,338
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	214,289	210,833
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	393,647	387,298
				56,039	2,591,584	46.25	2,591,584	2,549,784
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	880,296	880,296
				24,634	707,381	28.72	880,296	880,296
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	323,628	318,937
				5,819	347,079	59.65	323,628	318,937
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	278,738	274,698
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	169,811	167,350
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	307,221	302,768
				16,023	810,535	50.59	755,769	744,816
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	485,572	485,572
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	163,522	163,522
				25,216	649,094	25.74	649,094	649,094
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	393,024	386,685
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	853,842	840,070
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	74,671	73,467
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,088,680	1,071,121
				49,387	2,410,217	48.80	2,410,217	2,371,343
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	391,541	385,226
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,349,992	6,247,573
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,702,230	3,642,517
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,409,012	2,370,157
				204,175	12,852,775	62.95	12,852,775	12,645,472
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,454,383	1,479,458
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	555,578	565,157
				66,557	2,217,888	33.32	2,009,961	2,044,616

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	872,051	859,769
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	864,082	851,912
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	619,983	611,251
				45,290	2,522,040	55.69	2,356,116	2,322,932
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,375,314	1,375,314
				29,630	1,488,354	50.23	1,375,314	1,375,314
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	511,335	503,924
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	198,570	195,692
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	709,905	699,616
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,993,249	1,961,100
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,212,181	1,192,630
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	738,401	726,491
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,249,713	1,229,556
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	24,640	24,243
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	251,674	247,615
				107,319	5,469,858	50.97	5,469,858	5,381,634
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	542,947	552,308
				19,517	599,114	30.70	542,947	552,308
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	47,467	46,701
				1,257	47,467	37.77	47,467	46,701
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	228,098	228,098
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	266,640	266,640
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	150,165	150,165
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,129,991	1,129,991
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	455,669	455,669
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	532,553	532,553
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	101,511	101,511
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	403,928	403,928
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	447,543	447,543
				86,926	4,021,530	46.26	3,716,097	3,716,097
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	423,654	423,654
				9,757	340,436	34.89	423,654	423,654
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	402,196	395,709
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	82,673	81,340
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,185,767	1,166,642
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,420,632	1,397,719
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	106,074	104,363
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,090,306	1,072,720
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	134,613	132,442
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,370	14,138
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	492,452	484,509
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	105,307	103,609
				99,970	5,034,390	50.36	5,034,390	4,953,190
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	44,354	44,354
				1,200	48,000	40.00	44,354	44,354
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	206,919	204,005
				6,168	221,491	35.91	206,919	204,005
Total for 31 states				1,161,752	58,908,946	50.71	57,539,250	56,983,171

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	2005	2006
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	464,869	480,365
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	211,528	218,579
				12,278	698,944	56.93	676,397	698,944
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,144,095	2,144,095
				38,625	2,333,280	60.41	2,144,095	2,144,095
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	258,609	254,967
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	415,453	409,601
				14,768	721,531	48.86	674,062	664,568
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	43,331	43,331
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,003,594	1,003,594
				18,645	1,148,710	61.61	1,046,926	1,046,926
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,117,755	1,131,554
				22,541	1,214,351	53.87	1,117,755	1,131,554
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,741,157	1,741,157
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	340,934	340,934
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	657,527	657,527
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	91,606	91,606
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,255,345	1,255,345
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,389,733	1,389,733
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	838,294	838,294
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	333,566	333,566
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	539,512	539,512
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	480,822	480,822
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,580,907	1,580,907
				181,672	9,651,550	53.13	9,249,402	9,249,402
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	8,830	9,124
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	41,560	42,945
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	493,855	510,317
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,375,415	1,421,262
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	207,376	214,289
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	380,949	393,647
				56,039	2,591,584	46.25	2,507,985	2,591,584
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	864,577	864,577
				24,634	707,381	28.72	864,577	864,577
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	318,937	318,937
				5,819	347,079	59.65	318,937	318,937
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	274,698	274,698
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	167,350	167,350
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	302,768	302,768
				16,023	810,535	50.59	744,816	744,816
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	479,266	466,654
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	161,398	157,151
				25,216	649,094	25.74	640,664	623,805
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	380,346	393,024
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	826,299	853,842
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	72,262	74,671
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,053,561	1,088,680
				49,387	2,410,217	48.80	2,332,468	2,410,217
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	378,911	391,541
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,145,154	6,349,992
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,582,803	3,702,230
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,331,302	2,409,012
				204,175	12,852,775	62.95	12,438,169	12,852,775
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,454,383	1,454,383
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	555,578	555,578
				66,557	2,217,888	33.32	2,009,961	2,009,961

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	872,051	859,769
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	864,082	851,912
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	619,983	611,251
				45,290	2,522,040	55.69	2,356,116	2,322,932
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,356,475	1,356,475
				29,630	1,488,354	50.23	1,356,475	1,356,475
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	503,924	503,924
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	195,692	195,692
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	699,616	699,616
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,928,951	1,993,249
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,173,078	1,212,181
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	714,582	738,401
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,209,400	1,249,713
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	23,845	24,640
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	243,555	251,674
				107,319	5,469,858	50.97	5,293,411	5,469,858
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	542,947	542,947
				19,517	599,114	30.70	542,947	542,947
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	45,936	47,467
				1,257	47,467	37.77	45,936	47,467
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	224,974	224,974
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	262,988	262,988
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	148,108	148,108
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,114,512	1,114,512
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	449,427	449,427
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	525,257	525,257
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	100,120	100,120
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	398,395	398,395
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	441,412	441,412
				86,926	4,021,530	46.26	3,665,192	3,665,192
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	416,088	416,088
				9,757	340,436	34.89	416,088	416,088
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	389,222	402,196
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	80,006	82,673
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,147,516	1,185,767
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,374,805	1,420,632
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	102,652	106,074
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,055,135	1,090,306
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	130,271	134,613
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	13,906	14,370
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	476,566	492,452
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	101,910	105,307
				99,970	5,034,390	50.36	4,871,990	5,034,390
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	43,747	43,747
				1,200	48,000	40.00	43,747	43,747
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	206,919	204,005
				6,168	221,491	35.91	206,919	204,005
Total for 31 states				1,161,752	58,908,946	50.71	56,264,652	57,154,877

DOD Electric Power Usage and Costs Baseline
 Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	2007	2008
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	480,365	472,617
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	218,579	215,054
				12,278	698,944	56.93	698,944	687,671
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,144,095	2,144,095
				38,625	2,333,280	60.41	2,144,095	2,144,095
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	251,324	247,682
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	403,750	397,898
				14,768	721,531	48.86	655,074	645,580
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	43,331	43,331
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	1,003,594	1,003,594
				18,645	1,148,710	61.61	1,046,926	1,046,926
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,131,554	1,062,557
				22,541	1,214,351	53.87	1,131,554	1,062,557
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,690,688	1,741,157
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	331,052	340,934
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	638,468	657,527
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	88,951	91,606
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,218,958	1,255,345
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,349,451	1,389,733
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	813,996	838,294
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	323,898	333,566
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	523,874	539,512
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	466,885	480,822
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,535,084	1,580,907
				181,672	9,651,550	53.13	8,981,303	9,249,402
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,124	8,977
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	42,945	42,252
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	510,317	502,086
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,421,262	1,398,338
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	214,289	210,833
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	393,647	387,298
				56,039	2,591,584	46.25	2,591,584	2,549,784
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	848,857	848,857
				24,634	707,381	28.72	848,857	848,857
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	318,937	318,937
				5,819	347,079	59.65	318,937	318,937
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	274,698	274,698
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	167,350	167,350
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	302,768	302,768
				16,023	810,535	50.59	744,816	744,816
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	472,960	472,960
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	159,275	159,275
				25,216	649,094	25.74	632,234	632,234
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	393,024	386,685
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	853,842	840,070
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	74,671	73,467
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,088,680	1,071,121
				49,387	2,410,217	48.80	2,410,217	2,371,343
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	391,541	385,226
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,349,992	6,247,573
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,702,230	3,642,517
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,409,012	2,370,157
				204,175	12,852,775	62.95	12,852,775	12,645,472
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,454,383	1,454,383
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	555,578	555,578
				66,557	2,217,888	33.32	2,009,961	2,009,961

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	847,486	835,204
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	839,742	827,572
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	602,519	593,787
				45,290	2,522,040	55.69	2,289,747	2,256,562
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,356,475	1,356,475
				29,630	1,488,354	50.23	1,356,475	1,356,475
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	503,924	503,924
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	195,692	195,692
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	699,616	699,616
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,993,249	1,961,100
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,212,181	1,192,630
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	738,401	726,491
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,249,713	1,229,556
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	24,640	24,243
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	251,674	247,615
				107,319	5,469,858	50.97	5,469,858	5,381,634
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	542,947	542,947
				19,517	599,114	30.70	542,947	542,947
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	47,467	46,701
				1,257	47,467	37.77	47,467	46,701
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	224,974	224,974
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	262,988	262,988
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	148,108	148,108
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,114,512	1,114,512
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	449,427	449,427
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	525,257	525,257
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	100,120	100,120
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	398,395	398,395
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	441,412	441,412
				86,926	4,021,530	46.26	3,665,192	3,665,192
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	408,523	408,523
				9,757	340,436	34.89	408,523	408,523
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	402,196	395,709
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	82,673	81,340
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,185,767	1,166,642
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,420,632	1,397,719
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	106,074	104,363
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,090,306	1,072,720
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	134,613	132,442
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,370	14,138
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	492,452	484,509
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	105,307	103,609
				99,970	5,034,390	50.36	5,034,390	4,953,190
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	43,747	43,747
				1,200	48,000	40.00	43,747	43,747
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	201,091	198,176
				6,168	221,491	35.91	201,091	198,176
Total for 31 states				1,161,752	58,908,946	50.71	56,826,331	56,510,400

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)		
				MWh	\$	\$/MWh	2009	2010	2011
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	480,365	472,617	464,869
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	218,579	215,054	211,528
				12,278	698,944	56.93	698,944	687,671	676,397
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	2,144,095	2,144,095	2,112,564
				38,625	2,333,280	60.41	2,144,095	2,144,095	2,112,564
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	244,040	247,682	240,397
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	392,047	397,898	386,196
				14,768	721,531	48.86	636,087	645,580	626,593
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	42,729	42,729	42,128
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	989,656	989,656	975,717
				18,645	1,148,710	61.61	1,032,385	1,032,385	1,017,844
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	1,076,357	1,090,156	1,062,557
				22,541	1,214,351	53.87	1,076,357	1,090,156	1,062,557
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	1,741,157	1,715,922	1,690,688
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	340,934	335,993	331,052
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	657,527	647,998	638,468
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	91,606	90,279	88,951
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	1,255,345	1,237,151	1,218,958
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	1,389,733	1,369,592	1,349,451
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	838,294	826,145	813,996
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	333,566	328,732	323,898
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	539,512	531,693	523,874
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	480,822	473,853	466,885
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	1,580,907	1,557,995	1,535,084
				181,672	9,651,550	53.13	9,249,402	9,115,353	8,981,303
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	9,124	8,977	8,830
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	42,945	42,252	41,560
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	510,317	502,086	493,855
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	1,421,262	1,398,338	1,375,415
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	214,289	210,833	207,376
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	393,647	387,298	380,949
				56,039	2,591,584	46.25	2,591,584	2,549,784	2,507,985
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	848,857	848,857	833,138
				24,634	707,381	28.72	848,857	848,857	833,138
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	318,937	318,937	314,247
				5,819	347,079	59.65	318,937	318,937	314,247
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	274,698	274,698	270,658
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	167,350	167,350	164,889
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	302,768	302,768	298,316
				16,023	810,535	50.59	744,816	744,816	733,863
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	472,960	460,347	454,041
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	159,275	155,027	152,904
				25,216	649,094	25.74	632,234	615,375	606,945
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	393,024	386,685	380,346
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	853,842	840,070	826,299
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	74,671	73,467	72,262
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	1,088,680	1,071,121	1,053,561
				49,387	2,410,217	48.80	2,410,217	2,371,343	2,332,468
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	391,541	385,226	378,911
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	6,349,992	6,247,573	6,145,154
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	3,702,230	3,642,517	3,582,803
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	2,409,012	2,370,157	2,331,302
				204,175	12,852,775	62.95	12,852,775	12,645,472	12,438,169
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	1,479,458	1,454,383	1,454,383
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	565,157	555,578	555,578
				66,557	2,217,888	33.32	2,044,616	2,009,961	2,009,961

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	822,921	835,204	810,639
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	815,401	827,572	803,231
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	585,055	593,787	576,322
				45,290	2,522,040	55.69	2,223,377	2,256,562	2,190,193
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	1,337,635	1,337,635	1,318,795
				29,630	1,488,354	50.23	1,337,635	1,337,635	1,318,795
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	503,924	503,924	496,513
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	195,692	195,692	192,814
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0	0
				18,342	761,347	41.51	699,616	699,616	689,328
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,993,249	1,961,100	1,928,951
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	1,212,181	1,192,630	1,173,078
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	738,401	726,491	714,582
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	1,249,713	1,229,556	1,209,400
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	24,640	24,243	23,845
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	251,674	247,615	243,555
				107,319	5,469,858	50.97	5,469,858	5,381,634	5,293,411
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	552,308	542,947	542,947
				19,517	599,114	30.70	552,308	542,947	542,947
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	47,467	46,701	45,936
				1,257	47,467	37.77	47,467	46,701	45,936
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	221,849	221,849	218,724
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	259,335	259,335	255,683
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	146,051	146,051	143,994
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	1,099,032	1,099,032	1,083,553
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	443,185	443,185	436,943
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	517,962	517,962	510,667
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	98,730	98,730	97,339
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	392,862	392,862	387,329
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	435,281	435,281	429,151
				86,926	4,021,530	46.26	3,614,286	3,614,286	3,563,381
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	408,523	408,523	400,958
				9,757	340,436	34.89	408,523	408,523	400,958
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	402,196	395,709	389,222
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	82,673	81,340	80,006
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	1,185,767	1,166,642	1,147,516
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	1,420,632	1,397,719	1,374,805
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	106,074	104,363	102,652
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	1,090,306	1,072,720	1,055,135
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	134,613	132,442	130,271
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	14,370	14,138	13,906
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	492,452	484,509	476,566
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	105,307	103,609	101,910
				99,970	5,034,390	50.36	5,034,390	4,953,190	4,871,990
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	43,139	43,139	42,532
				1,200	48,000	40.00	43,139	43,139	42,532
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	195,262	198,176	192,347
				6,168	221,491	35.91	195,262	198,176	192,347
Total for 31 states				1,161,752	58,908,946	50.71	56,907,168	56,302,196	55,405,852

DOD Electric Power Usage and Costs Baseline
Group of 31 - Military Family Housing Only

				FY 1996			Baseline Total Costs (1996 \$)	
				MWh	\$	\$/MWh	Total	NPV
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	7,174,484	5,326,297
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	3,264,583	2,423,608
				12,278	698,944	56.93	10,439,067	7,749,906
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	32,697,451	24,328,281
				38,625	2,333,280	60.41	32,697,451	24,328,281
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	3,842,713	2,863,290
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	6,173,277	4,599,844
				14,768	721,531	48.86	10,015,990	7,463,134
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	661,403	492,531
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	15,318,752	11,407,503
				18,645	1,148,710	61.61	15,980,156	11,900,034
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	16,959,516	12,641,340
				22,541	1,214,351	53.87	16,959,516	12,641,340
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	26,546,329	19,772,336
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	5,198,005	3,871,598
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	10,024,903	7,466,785
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	1,396,662	1,040,267
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	19,139,460	14,255,524
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	21,188,390	15,781,616
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	12,780,953	9,519,557
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	5,085,675	3,787,931
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	8,225,603	6,126,624
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	7,330,789	5,460,146
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	24,103,103	17,952,563
				181,672	9,651,550	53.13	141,019,869	105,034,948
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	136,271	101,167
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	641,404	476,175
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	7,621,831	5,658,405
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	21,227,236	15,758,982
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	3,200,510	2,376,041
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	5,879,308	4,364,766
				56,039	2,591,584	46.25	38,706,561	28,735,537
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	12,764,297	9,445,277
				24,634	707,381	28.72	12,764,297	9,445,277
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	4,863,796	3,618,869
				5,819	347,079	59.65	4,863,796	3,618,869
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	4,189,144	3,116,899
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	2,552,085	1,898,859
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	4,617,214	3,435,402
				16,023	810,535	50.59	11,358,443	8,451,160
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	7,170,070	5,331,860
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	2,414,604	1,795,566
				25,216	649,094	25.74	9,584,674	7,127,426
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	5,870,004	4,357,858
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	12,752,543	9,467,418
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	1,115,248	827,954
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	16,259,963	12,071,306
				49,387	2,410,217	48.80	35,997,757	26,724,536
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	5,847,854	4,341,415
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	94,840,203	70,408,843
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	55,294,596	41,050,403
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	35,979,760	26,711,175
				204,175	12,852,775	62.95	191,962,414	142,511,835
USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	22,216,948	16,525,984
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	8,486,939	6,312,974
				66,557	2,217,888	33.32	30,703,887	22,838,957

USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	12,957,940	9,655,246
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	12,839,530	9,567,017
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	9,212,427	6,864,382
				45,290	2,522,040	55.69	35,009,897	26,086,645
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	20,705,077	15,418,568
				29,630	1,488,354	50.23	20,705,077	15,418,568
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	7,684,843	5,717,847
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	2,984,304	2,220,448
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	10,669,146	7,938,294
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	29,770,138	22,101,186
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	18,104,510	13,440,688
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	11,028,376	8,187,406
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	18,665,068	13,856,844
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	368,010	273,209
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	3,758,873	2,790,567
				107,319	5,469,858	50.97	81,694,976	60,649,899
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	8,293,984	6,169,445
				19,517	599,114	30.70	8,293,984	6,169,445
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	708,943	526,315
				1,257	47,467	37.77	708,943	526,315
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	3,433,972	2,557,195
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	4,014,216	2,989,289
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	2,260,699	1,683,487
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	17,011,783	12,668,262
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	6,860,000	5,108,475
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	8,017,469	5,970,415
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	1,528,222	1,138,030
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	6,081,059	4,528,417
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	6,737,663	5,017,374
				86,926	4,021,530	46.26	55,945,082	41,660,946
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	6,142,978	4,545,658
				9,757	340,436	34.89	6,142,978	4,545,658
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	6,006,992	4,459,558
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	1,234,761	916,680
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	17,710,004	13,147,809
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	21,217,826	15,751,997
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	1,584,267	1,176,151
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	16,284,248	12,089,336
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	2,010,510	1,492,592
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	214,623	159,335
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	7,355,009	5,460,318
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	1,572,811	1,167,646
				99,970	5,034,390	50.36	75,191,051	55,821,421
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	667,747	497,255
				1,200	48,000	40.00	667,747	497,255
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	3,074,645	2,290,985
				6,168	221,491	35.91	3,074,645	2,290,985
Total for 31 states				1,161,752	58,908,946	50.71	861,157,403	640,176,672

APPENDIX B

**CURRENT STATUS OF STATE RESTRUCTURING
INITIATIVES**

ALABAMA

STATUS:	REGULATORY:	The Alabama PSC does not see any benefit to the state in retail wheeling. No restructuring activity is anticipated.
	LEGISLATIVE:	The Alabama Electricity Customer Severance Law was enacted on May 6, 1996. Law effectively <u>limits</u> most competition within state by allowing <u>full</u> recovery of stranded costs from departing customers. Law has been revised to expire five years after introduction of retail wheeling in Alabama or a neighboring state.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		On January 27, 1997, several parties filed suit in U.S. District Court claiming that this legislation violates the Commerce Clause of Constitution and is preempted by federal law.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost per MWh
AIR FORCE:			
Maxwell AFB	82,655	\$ 3,829,876	\$46.336
Gunter AFB	43,909	\$ 1,933,979	\$44.045
ARMY:			
Fort Rucker	131,966	\$ 5,301,946	\$40.177
Anniston Army Depot	68,258	\$ 2,851,644	\$41.777
Redstone Arsenal	407,407	\$21,443,769	\$52.635
NAVY:			
NSPASURSTA Wetumpka	999	\$ 53,264	\$53.317
TOTAL	735,194	\$35,414,478	\$48.170

ARIZONA

STATUS:	REGULATORY:	The order implementing the transition to retail electric competition was issued on December 26, 1996.
	LEGISLATIVE:	HB 2504, enacted on April 23, 1996, established a Joint Study Committee on restructuring which will report to the Legislature by December 31, 1997.
COMPETITION MILESTONES:		January 1, 1999 - 20% of all customers January 1, 2001 - 50% of all customers January 1, 2003 - 100% of all customers
NOTES/COMMENTS:		Utilities must file proposals for tariff rates/customer selection for initial phase-in period by December 31, 1997. Stranded costs must be mitigated; some recovery of "unmitigated" stranded costs will be permitted from customer revenues only. Exactly how and how much has yet to be determined.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost per MWh
AIR FORCE:			
Davis-Monthan AFB	85,788	\$ 6,246,871	\$72.818
Luke AFB	75,248	\$ 4,858,799	\$64.570
ARMY:			
Fort Huachuca	107,710	\$ 7,425,621	\$68.941
Yuma Proving Ground	39,946	\$ 896,403	\$22.440
MARINE CORPS:			
MCAS Yuma	51,044	\$ 3,763,550	\$73.731
NAVY:			
NSPASURSTA Maricopa	1,152	\$ 89,168	\$77.403
OTHER (DeCA):			
Fort Huachuca	964	\$ 88,554	\$91.861
Davis-Monthan AFB	995	\$ 77,197	\$77.585
MCAS Yuma	512	\$ 35,714	\$69.754
Luke AFB	2,375	\$ 156,267	\$65.797
Yuma Proving Ground	240	\$ 7,809	\$32.538
TOTAL	365,974	\$23,645,953	\$64.611

ARKANSAS

STATUS:	REGULATORY:	No activity.		
	LEGISLATIVE:	No activity. Earlier legislative efforts to introduce retail wheeling in 1995 were quickly aborted		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		Individual customers have expressed interest in retail wheeling, however the surplus energy in the state and the potentially large stranded costs have prohibited the Public Service Commission from seriously considering any changes.		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost per MWh
AIR FORCE: Little Rock AFB		88,688	\$4,839,657	\$54.569
ARMY: Pine Bluff Arsenal		24,287	\$1,442,995	\$59.414
NAVY: NSPASURSTA Lewisville		224	\$ 14,406	\$64.313
OTHER (DeCA): Little Rock AFB		868	\$ 51,737	\$59.605
	TOTAL	114,067	\$6,348,795	\$55.658

CALIFORNIA

STATUS:	REGULATORY:	On May 6, 1997, the Commission unanimously voted to grant immediate access to all customers beginning January 1, 1998.
	LEGISLATIVE:	Assembly Bill 1890 was signed into law in September 1996. The bill provides full recovery of utility stranded costs through a CTC by March 31, 2002 and a 10% rate reduction for residential and small commercial customers to be funded by state-issued rate reduction bonds.

COMPETITION MILESTONES:	January 1, 1998 - 100% eligible. Supplier selection can begin in November 1997.
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NOTES/COMMENTS:	<p>The May 1997 CPUC ruling eliminates the four-year phase-in period outlined in their original plan during which time the information systems for the ISO and power exchange would have been tested.</p> <p>A recent decision by an administrative law judge adopted an hourly calculation of the CTC that is backed by the utilities. Opponents argue that consumers who shift load to periods where generation is less expensive end up paying a higher transition charge than those who use power at peak hours where energy costs are higher. CPUC President Greg Conlon has suggested an alternate method whereby the CTC and energy prices are averaged over some time period.</p> <p>The CPUC also will allow competitive suppliers for metering and billing services to begin competing for commercial business beginning January 1, 1998. All other customer classes will be able to competitively access these services starting January 1, 1999.</p>
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Anderson Peak	39	\$ 5,199	\$133.308
Santa Ynez Peak	60	\$ 6,596	\$109.933
Pillar Point AFS	884	\$ 88,697	\$100.336
Los Angeles AFS	31,984	\$ 2,892,314	\$ 90.430
Point Arena AFS	2,191	\$ 198,108	\$ 90.419
Onizuka AFB	22,941	\$ 1,657,861	\$ 72.266
Edwards AFB	114,620	\$ 8,057,367	\$ 70.296
Travis AFB	29,757	\$ 1,923,418	\$ 64.637
Vandenberg AFB	196,904	\$10,106,520	\$ 51.327
ARMY:			
Sierra Army Depot	12,914	\$ 1,476,389	\$114.325
Fort Irwin	100,266	\$ 8,955,336	\$ 89.316
Sharpe Army Depot	41,803	\$ 1,673,000	\$ 40.021

CALIFORNIA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
MARINE CORPS:			
MCLB Barstow	36,197	\$ 3,154,612	\$ 87.151
MC Combat Center 29 Palms	91,120	\$ 7,528,838	\$ 82.626
Camp Pendleton	162,824	\$11,570,688	\$ 71.063
MCRD San Diego	16,937	\$ 1,201,316	\$ 70.929
NAVY:			
NRRC San Francisco	9,480	\$ 1,151,240	\$121.439
NWS Concord	5,161	\$ 588,730	\$114.073
NRRC San Diego	1,276	\$ 141,836	\$111.157
NFEC San Bruno	1,716	\$ 182,096	\$106.117
NARF Alameda	28,244	\$ 2,944,948	\$104.268
NARU Alameda	496	\$ 50,664	\$102.145
NAB Coronado	22,013	\$ 1,793,018	\$ 81.453
NSWSES Port Hueneme	8,402	\$ 672,980	\$ 80.098
NRMC Camp Pendleton	9,406	\$ 752,476	\$ 80.000
NSC San Diego	20,012	\$ 1,551,449	\$ 77.526
NMC San Diego	34,495	\$ 2,654,954	\$ 76.966
FAWTC San Diego	11,687	\$ 894,527	\$ 76.540
NSPASURSTA Chula Vista	198	\$ 14,981	\$ 75.662
NAF El Centro	5,583	\$ 408,671	\$ 73.199
NPGS Monterey	22,802	\$ 1,646,079	\$ 72.190
NAS Miramar	45,393	\$ 3,263,336	\$ 71.891
NAVSUBASE San Diego	50,011	\$ 3,457,214	\$ 69.129
NCBC Port Hueneme	38,409	\$ 2,650,867	\$ 69.017
FNOC Monterey	13,542	\$ 931,889	\$ 68.815
NSB San Diego	10,893	\$ 749,179	\$ 68.776
NOSC San Diego	62,212	\$ 4,219,380	\$ 67.823
FCTCPAC San Diego	9,381	\$ 631,393	\$ 67.306
ICSTF San Diego	3,635	\$ 240,168	\$ 66.071
PMTC Point Mugu	71,497	\$ 4,633,271	\$ 64.804
NCS San Diego	17,623	\$ 1,080,902	\$ 61.335
NWS Seal Beach Det Fallbrook	2,483	\$ 151,360	\$ 60.959
NWC China Lake	123,187	\$ 7,492,099	\$ 60.819
NIROP Sunnyvale	28,383	\$ 1,702,670	\$ 59.989
PWC San Diego	384,635	\$21,578,762	\$ 56.102
NAS North Island	54,661	\$ 3,052,213	\$ 55.839
NARF San Diego	63,901	\$ 3,524,273	\$ 55.152
NAS North Island San Diego	46,417	\$ 2,546,356	\$ 54.858
Shipbuilding C&R San Diego	1,181	\$ 64,126	\$ 54.298
FACNWC Corona	13,029	\$ 706,320	\$ 54.211
NRDC San Diego	5,111	\$ 274,526	\$ 53.713
FTC San Diego	8,279	\$ 443,952	\$ 53.624
SIMA San Diego	5,764	\$ 308,437	\$ 53.511
NS San Diego	263,321	\$13,887,957	\$ 52.742
NWS Seal Beach	20,552	\$ 997,765	\$ 48.548
NH Lemoore	2,797	\$ 109,014	\$ 38.975
NDCB Lemoore	461	\$ 17,873	\$ 38.770

CALIFORNIA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY (cont.): MB Vallejo	300	\$ 10,392	\$ 34.640
OTHER (DeCA):			
Imperial Beach	660	\$ 86,270	\$130.712
Sierra Herlong	138	\$ 18,010	\$130.507
Point Mugu	161	\$ 20,865	\$129.596
San Diego	322	\$ 39,274	\$121.969
Barstow	230	\$ 27,689	\$120.387
North Island	295	\$ 33,854	\$114.759
Twenty Nine Palms	301	\$ 31,375	\$104.236
Fort Irwin	400	\$ 38,366	\$ 95.915
Hunter-Leggett	126	\$ 11,997	\$ 95.214
Hamilton Housing	229	\$ 21,746	\$ 94.961
Camp Pendleton	1,199	\$ 111,502	\$ 92.996
Miramar	930	\$ 85,361	\$ 91.786
San Diego NS	1,195	\$ 100,524	\$ 84.121
March AFB	1,079	\$ 89,895	\$ 83.313
San Onofre Camp Pendleton	210	\$ 17,008	\$ 80.990
Los Angeles AFS El Segundo	635	\$ 49,479	\$ 77.920
El Centro	127	\$ 9,714	\$ 76.488
China Lake	798	\$ 56,883	\$ 71.282
Vandenberg AFB	814	\$ 52,087	\$ 63.989
Edwards AFB	119	\$ 6,873	\$ 57.756
Travis AFB	745	\$ 37,808	\$ 50.749
Lemoore	113	\$ 5,669	\$ 50.168
Beale AFB	827	\$ 31,426	\$ 38.000
TOTAL	2,108,228	\$140,333,231	\$66.565

COLORADO

STATUS:	REGULATORY:	The Colorado PUC opened an inquiry into electric industry restructuring in July 1996 and issued a report that was presented to the General Assembly in December 1996. The Commission does not consider itself to have any authority to undertake any further action regarding electric utility restructuring absent a legislative mandate.
	LEGISLATIVE:	<p>Out of six deregulation bills introduced in the Legislature in 1997, only one (SB 149) passed initial committee review. However, this bill was eventually killed. SB 149 called for the establishment of an advisory panel of 26 stakeholders to evaluate the retail choice process through public hearings and examination of other states' deregulation programs. This panel would not be required to present its findings until September 30, 1999.</p> <p>In response to the perceived delay tactics of this bill, HB 1277 was introduced and is still in committee. This bill would require full retail competition by July 1, 2000 and filing of transition plans by the state's electric utilities in early 1998.</p>

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Peterson AFB	48,311	\$ 3,718,386	\$76.968
U.S. Air Force Academy	87,476	\$ 3,478,607	\$39.766
Falcon AFB	64,710	\$ 2,308,825	\$35.680
Cheyenne Mountain AS	35,421	\$ 1,199,929	\$33.876
ARMY:			
Fort Carson	102,645	\$ 4,426,741	\$43.127
Pueblo Army Depot	6,865	\$ 258,323	\$37.629
OTHER (DeCA):			
La Junta AFS	33	\$ 2,172	\$65.818
Fort Carson	782	\$ 36,597	\$46.799
USAF Academy	755	\$ 30,877	\$40.897
Peterson AFB	860	\$ 32,101	\$37.327
TOTAL	347,858	\$15,492,558	\$44.537

CONNECTICUT

STATUS:	REGULATORY:	On July 14, 1995, the DPUC issued its final report to the Legislature on industry restructuring. The report said that full access will benefit customers under certain circumstances, but that wholesale restructuring must precede retail wheeling. No timetable for competition was proposed.
	LEGISLATIVE:	The Connecticut Legislature has dropped its efforts to pass a retail choice measure in 1997. Attempts to pass a bill which survived committee hearings in late March fell apart over the issue of securitization of stranded costs for nuclear facilities and the removal of a guaranteed 10% rate reduction.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		Legislators are expected to revive the bill in early 1998 to avoid falling too far behind other New England states which have already passed restructuring legislation.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NWIRP Bloomfield	7,080	\$ 739,904	\$104.506
NUSC New London	22,220	\$ 1,914,418	\$ 86.157
NAVSUBMEDCTR New London	5,367	\$ 326,254	\$ 60.789
NAVSUBASE New London	135,343	\$ 8,219,249	\$ 60.729
SUBSCOL Groton	16,858	\$ 1,020,833	\$ 60.555
OTHER (DeCA):			
New London	634	\$ 50,326	\$ 79.379
TOTAL	187,502	\$12,270,984	\$ 65.445

DELAWARE

STATUS:	REGULATORY:	Delaware PSC staff and case participants issued a report on December 31, 1996 outlining various positions on restructuring issues. The PSC staff recommended further analysis before proceeding with retail competition.
	LEGISLATIVE:	<p>A resolution was passed by the State House of Representatives on July 15, 1997 requiring the PSC to formulate a definitive restructuring report for the legislature by January 1998.</p> <p>A bill was passed in June 1995 allowing the deregulation of services provided by electric utilities when found to be in "the public interest." A legislative study group continues to meet.</p>
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		Delmarva Power & Light has presented a plan to the Delaware PSC under which retail wheeling would be phased in over 6 to 8 years, starting in 1997. Significant differences exist between DP&L and other interested parties regarding the length of the phase-in period and stranded cost issues.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Dover AFB	75,802	\$4,068,480	\$53.672
OTHER (DeCA): Dover AFB	567	\$ 35,901	\$63.317
TOTAL	76,369	\$4,104,381	\$53.744

DISTRICT OF COLUMBIA

STATUS:	REGULATORY:	PSC docket No. 945 initiated investigation into the restructuring of the electric utility industry in 1995. There has been only limited activity on the docket, and no schedule for a draft or final ruling has been given.		
	LEGISLATIVE:	No activity.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Bolling AFB		95,292	\$ 5,773,136	\$ 60.584
ARMY: Walter Reed Army Medical Center		131,063	\$ 8,023,346	\$ 61.217
NAVY: Naval Observatory NRRC Washington ND Washington NRL Washington		5,097 2,605 85,214 300,768	\$ 380,377 \$ 193,407 \$ 5,435,944 \$10,336,572	\$ 74.628 \$ 74.245 \$ 63.792 \$ 34.367
OTHER (DeCA): Walter Reed Army Medical Center		608	\$ 79,823	\$131.288
	TOTAL	620,647	\$30,222,605	\$ 48.695

FLORIDA

STATUS:	REGULATORY:	No activity.
	LEGISLATIVE:	A legislative committee killed an effort to get the Florida Public Service Commission to study retail wheeling in 1996. Additional efforts to introduce measures calling for limited direct access have been unsuccessful.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		An effort to force retail wheeling through use of an antitrust claim was rejected by the U.S. Court of Appeals, 11th Circuit.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
MacDill AFB	91,353	\$ 4,990,528	\$54.629
Patrick AFB	97,253	\$ 4,663,222	\$47.949
Cape Canaveral	172,672	\$ 8,097,132	\$46.893
Tyndall AFB	97,968	\$ 4,487,545	\$45.806
Hurlburt Field	66,477	\$ 3,043,920	\$45.789
Eglin AFB	272,060	\$12,199,624	\$44.842
NAVY:			
NCU Key West	607	\$ 59,434	\$97.914
NRMC Key West	1,224	\$ 119,755	\$97.839
NRTF Saddlebunch Keys	1,228	\$ 107,182	\$87.282
NAS Key West	61,724	\$ 5,208,173	\$84.378
NRRC Jacksonville	4,376	\$ 301,032	\$68.792
NSWC Fort Lauderdale	1,080	\$ 64,800	\$60.000
NCB Mayport	363	\$ 20,271	\$55.843
SIMA NAS Mayport	1,239	\$ 69,186	\$55.840
NTEC Orlando	6,497	\$ 345,352	\$53.156
NAS Whiting Field	30,965	\$ 1,578,880	\$50.989
NRMC Orlando	533	\$ 27,060	\$50.769
NAS Jacksonville	80,479	\$ 3,982,984	\$49.491
NAVDIVESALVTRACEN Panama City	3,591	\$ 176,742	\$49.218
NS Mayport	173,156	\$ 8,579,343	\$49.547
NARU Jacksonville	3,548	\$ 168,910	\$47.607
SUPSHIP Jacksonville	1,083	\$ 51,512	\$47.564
NCSC Panama City	25,964	\$ 1,234,162	\$47.534
NSC Jacksonville	3,099	\$ 147,271	\$47.522
FTC Mayport	1,846	\$ 87,706	\$47.511
NARDAC Jacksonville	12,127	\$ 576,014	\$47.498
NRMC Jacksonville	19,137	\$ 908,904	\$47.495
NARF Jacksonville	58,455	\$ 2,776,214	\$47.493
NETPDC Ellyson Field Pensacola	15,706	\$ 743,919	\$47.365
NAVCOMSTA Jacksonville	1,496	\$ 70,720	\$47.273
NSC Pensacola	517	\$ 24,182	\$46.774
NARF Pensacola	19,638	\$ 890,916	\$45.367

FLORIDA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY (cont.):			
NAVAEROMEDRSCHLAB Pensacola	2,468	\$ 111,783	\$45.293
NAS Pensacola	109,562	\$ 4,947,185	\$45.154
NAMI NAS Pensacola	2,930	\$ 131,986	\$45.046
NRDC Pensacola	896	\$ 40,239	\$44.910
PWC Pensacola	25,365	\$ 1,168,271	\$46.058
NTTC Pensacola	30,529	\$ 1,356,475	\$44.432
NAVXIDIVINGV Panama City	3,121	\$ 137,360	\$44.012
NARMC Pensacola	15,769	\$ 692,059	\$43.887
NAVCOASTSYSCEN Panama City	219	\$ 7,865	\$35.913
OTHER (DeCA):			
Corozal APO	381	\$ 31,824	\$83.528
Howard APO	102	\$ 8,190	\$80.294
Roosevelt Roads APO	534	\$ 42,771	\$80.096
Buchanan APO	1,014	\$ 81,027	\$79.908
TOTAL	1,520,351	\$74,559,630	\$49.041

GEORGIA

STATUS:	REGULATORY:	The Georgia Public Service Commission began a series of informal workshops on retail restructuring issues in April 1997. A commission staff report will be issued at the conclusion of the process.		
	LEGISLATIVE:	No activity.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		Existing state law gives new industrial customers with over 900kW of load a one-time choice among state suppliers of electricity.		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use	Annual Electricity Cost	Cost Per MWh
AIR FORCE:				
	Dobbins ARB	16,097	\$ 863,475	\$53.642
	Moody AFB	41,788	\$ 1,881,027	\$45.014
	Robins AFB	256,440	\$11,262,959	\$43.920
ARMY:				
	Fort McPherson	57,119	\$ 2,885,639	\$50.520
	Fort Gordon	128,177	\$ 6,460,423	\$50.402
	Hunter Army Airfield	50,750	\$ 2,456,620	\$48.406
	Fort Stewart	158,054	\$ 7,512,719	\$47.533
	Fort Benning	225,399	\$10,528,667	\$46.711
MARINE CORPS:				
	MCLB Albany	74,108	\$ 3,325,443	\$44.873
NAVY:				
	NSPASURSTA Savannah	164	\$ 12,901	\$78.665
	NSCS Athens	5,562	\$ 343,334	\$61.729
	NSPASURSTA Hawkinsville	234	\$ 14,415	\$61.603
	NAS Atlanta	9,256	\$ 512,090	\$55.325
	NAVSUBASE Kings Bay	91,210	\$ 2,915,736	\$31.967
	TRIREFFAC Kings Bay	33,880	\$ 1,082,892	\$31.963
	SWFATLANT Kingsbury	58,992	\$ 1,885,223	\$31.957
	TRITRAFAC Kings Bay	24,310	\$ 776,588	\$31.945
TOTAL		1,231,540	\$54,720,151	\$44,432

IDAHO

STATUS:	REGULATORY:	<p>In September 1996, the IPUC approved a retail wheeling pilot program voluntarily proposed by Washington Water Power. The two-year pilot, which began in September 1996, allows the utility's largest end-users to choose competing suppliers for up to 1/3 of their total 1995 load.</p> <p>A second two-year WWP pilot program targeted towards smaller residential and commercial customers was approved April 11, 1997 and began on July 1, 1997. Participants in the pilot were randomly selected by WWP.</p> <p>These plans were approved despite an August 16, 1996 IPUC order which rejected the introduction of retail competition into the state. The IPUC feared its already low rates would rise under the assumption that competition would level rates nationally.</p>
	LEGISLATIVE:	<p>On February 28, 1997, a state law passed requiring a legislative committee to develop recommendations and propose legislation for retail competition by 1998 for consideration in the 1999 session. The bill was passed in response to recent state and federal activity which may impact the state's already low rates.</p>

COMPETITION MILESTONES:

N/A

NOTES/COMMENTS:

On December 5, 1996, a steering committee formed by the governors of Idaho, Montana, Oregon, and Washington finalized an electricity restructuring plan. The plan focused primarily on the role of the Bonneville Power Administration in a competitive market and repayment of the Agency's large debt through a "subscription" system. The plan calls for some degree of customer choice by July 1, 1999.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Mt. Home AFB	71,685	\$2,090,003	\$29.155
NAVY: NSRDC Bayview	4,049	\$ 184,277	\$45.512
TOTAL	75,734	\$2,274,280	\$30.030

ILLINOIS

STATUS:	REGULATORY:	The ICC has approved two retail wheeling pilot programs. The Illinois Power program began on April 25, 1996 and will run through December 31, 1999. The CILCO program began May 1, 1996. The industrial-specific portion will run for two years, and the portion open to all customer classes will run for five years.
	LEGISLATIVE:	Electric restructuring legislation is on hold until Fall 1997 after the Senate failed to vote on a proposed bill before the end of the spring legislative session on May 30, 1997. The House approved the bill, which called for a 15% rate reduction for all customers, full stranded cost recovery by utilities, and a four-year phase-in period beginning in October 1999.

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
O'Hare ARFF	11,837	\$ 888,064	\$75.024
Scott AFB	134,201	\$ 6,993,691	\$52.114
ARMY:			
C.M. Price Supply Center	8,368	\$ 501,847	\$59.972
Rock Island Arsenal	81,114	\$ 3,981,075	\$49.080
Savanna Army Depot	4,897	\$ 204,845	\$41.831
NAVY:			
NRRC Great Lakes	4,008	\$ 288,916	\$72.085
NTC Great Lakes	86,046	\$ 4,302,747	\$50.005
NRDC Great Lakes	1,487	\$ 67,452	\$45.361
NRMC Great Lakes	15,579	\$ 706,502	\$45.350
PWC Great Lakes	26,054	\$ 872,315	\$33.481
OTHER (DeCA):			
Great Lakes	89	\$ 7,107	\$79.854
C.M. Price Granite City	956	\$ 64,961	\$67.951
Rock Island	291	\$ 15,434	\$53.038
Scott AFB	991	\$ 49,453	\$49.902
TOTAL	375,918	\$18,944,409	\$50.395

INDIANA

STATUS:	REGULATORY:	The IURC rejected a proposed tariff by PSI Energy that would have allowed customers to purchase power directly from competitive suppliers for new load over 2 MW. The IURC argued that a rate case was not the proper forum for such a change in traditional regulation.
	LEGISLATIVE:	<p>A bill was introduced on January 16, 1997 which would initiate choice for all customers beginning October 1, 1999. All consumers choosing a new supplier would be subject to a market access charge calculated in relation to the state national average charge per kWh. Utilities would be required to lower their rates to the state average by July 2004. The bill assumes the creation of a Midwestern ISO.</p> <p>Controversy surrounding the bill's introduction has forced the bill's author to call for a study investigating the aggressive plan. The bill is not expected to be reintroduced until the 1998 session.</p>

COMPETITION MILESTONES:	N/A
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NOTES/COMMENTS:	A key Indiana utility, Indianapolis Power & Light, has publicly favored a plan calling on federal legislation to lead the restructuring effort. Citing the need for common rules on independent system operators and stranded investment, IPALCO does not believe direct access can be implemented on a state-by-state basis.
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Grissom AFB/ARB	44,390	\$1,595,556	\$35.944
ARMY: Newport AAP	3,217	\$ 119,325	\$37.092
NAVY: NSWC Crane	81,676	\$2,983,490	\$36.528
OTHER (DeCA): Crane	56	\$ 2,333	\$41.661
TOTAL	129,339	\$4,700,704	\$36.344

IOWA

STATUS:	REGULATORY:	On February 10, 1997, the IUB issued a staff report on electric industry restructuring which recommends a "wait-and-see" approach and the monitoring of developments in other states.		
	LEGISLATIVE:	Legislative hearings have been held to review bills in parallel with IUB actions. No proposals, however, are expected until the 1998 session.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use	Annual Electricity Cost	Cost Per MWh
NONE				

KANSAS

STATUS:	REGULATORY:	The KCC opened a general investigation into restructuring the state's electric industry on January 17, 1996. On April 10, 1996, the Governor signed HB 2600 which blocks the Commission from implementing retail wheeling before July 1999.
	LEGISLATIVE:	<p>The April 1996 bill also created a task force of legislators, regulators, and stakeholders to study retail competition issues. The preliminary report was to be issued January 15, 1997, and a final report is due January 11, 1998.</p> <p>In February 1997, a restructuring bill was introduced which would bring retail competition to the state by January 1, 1999. The proposal would break the state into blocks that would go out to bid for competitive suppliers. Under this plan, utilities would only be allowed to recover 50% of stranded costs.</p> <p>Other legislative activity is expected, but final passage of any bill is not expected until after the release of the task force report in 1998.</p>
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		Utilicorp has also issued a proposal which would bring competition to all customers by the end of 2000.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: McConnell AFB	47,307	\$ 2,792,440	\$ 59.028
ARMY: Fort Riley Fort Leavenworth	150,150 91,709	\$ 6,699,902 \$ 4,061,438	\$ 44.621 \$ 44.286
NAVY: NARC Olathe	232	\$ 25,576	\$110.241
OTHER (DeCA): McConnell AFB Fort Leavenworth Fort Riley	550 937 836	\$ 37,106 \$ 50,504 \$ 37,440	\$ 67.465 \$ 53.900 \$ 44.785
TOTAL	291,721	\$13,704,406	\$ 46.978

KENTUCKY

STATUS:	REGULATORY:	The PSC is sponsoring legislation that will allow for alternative ratemaking to facilitate competition. Some end-user groups have opposed the plan, arguing that it would retard competition rather than promote it.
	LEGISLATIVE:	See above.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		Kentucky Utilities, one of the lowest cost suppliers in the nation, supports retail competition for all customers by January 1, 1999. However, they argue for federal legislation to ensure open access is evenly implemented across the country.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
ARMY:			
Fort Campbell	252,775	\$12,082,205	\$47.798
Bluegrass Army Depot	8,070	\$ 279,634	\$34.651
Fort Knox	221,405	\$ 7,176,175	\$32.412
OTHER (DeCA):			
Fort Campbell	1,176	\$ 62,916	\$53.500
Fort Knox	1,172	\$ 52,954	\$45.183
TOTAL	484,598	\$19,653,884	\$40.557

LOUISIANA

STATUS:	REGULATORY:	The PSC has been studying electric competition issues since 1992, but did not open a formal investigation into retail wheeling until June 22, 1995.
	LEGISLATIVE:	Two restructuring bills died in the Louisiana Legislature in 1997 that would have brought retail choice to consumers beginning January 1, 1999. The Legislature will not be able to debate the deregulation issue again until 1999, as the 1998 session has been set aside for fiscal policy only.

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

Entergy has proposed a plan to the PSC similar to that employed by Alabama Power in Alabama. The plan, supposedly designed to protect residential and small commercial customers, would allow the utility to recover all of its stranded costs over a seven-year period through exit fees. This would provide a strong disincentive for larger customers to leave the utility.

In January 1996, the New Orleans City Council reopened its investigation of retail wheeling for electricity service within the city. New Orleans is unique in that it has its own regulatory agency separate from the state PSC.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Barksdale AFB	84,471	\$ 3,265,311	\$38.656
ARMY: Fort Polk	193,064	\$10,396,343	\$53.849
MARINE CORPS: MAW 4 New Orleans Fourth MARDIV New Orleans	480 3,375	\$ 37,200 \$ 254,430	\$77.500 \$75.387
NAVY: NRRC New Orleans NSA New Orleans NAS New Orleans	3,445 44,741 28,314	\$ 210,351 \$ 2,653,315 \$ 1,671,271	\$61.060 \$59.304 \$59.026
TOTAL	357,890	\$18,848,221	\$52.665

MAINE

STATUS:	REGULATORY:	On December 31, 1996, the PUC presented its final electric industry restructuring plan, which was used in large part as the basis for the legislation adopted in May 1997.
	LEGISLATIVE:	Under terms of legislation enacted on May 29, 1997, consumers will be allowed to choose alternate suppliers beginning March 2000. The law requires utilities to sell off all generation assets before the start of competition. Metering and billing services will be opened to competition two years from the start date. Utilities will be allowed to establish affiliates, but will be unable to serve more than 33% of the load in their transmission and service area. Stranded costs will be recovered (not through an exit fee), the exact amount of which will be determined by regulators.
COMPETITION MILESTONES:		March 1, 2000 - 100% of generation services March 1, 2002 - 100% of metering and billing services
NOTES/COMMENTS:		Utilities will be allowed a reasonable opportunity to recover stranded investments made before March 1995. An assessment of each utility's stranded costs will be made by 2000, and will be collected through 2006.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NASTROGRPDET Alpha Prospect Har	877	\$ 81,561	\$93.000
NCU East Machias	4,148	\$ 381,008	\$91.853
NSGA Winter Harbor	11,898	\$ 992,800	\$83.443
NAS Brunswick	35,345	\$2,542,111	\$71.923
OTHER (DeCA):			
Cutler E. Machias	79	\$ 7,393	\$93.582
Winter Harbor	41	\$ 3,302	\$80.537
Bangor ANGB	249	\$ 19,949	\$80.116
Brunswick	423	\$ 33,156	\$78.383
TOTAL	53,060	\$4,061,280	\$76.541

MARYLAND

STATUS:	REGULATORY:	<p>The Maryland PSC issued a staff report on May 30, 1997 which recommends the introduction of retail choice to the state by April 2001. The plan would require utilities to unbundle their rates by April 1, 1998. Pilot programs for 10% of each customer class would begin in April 1999, and would be expanded to 20% of each class a year later.</p> <p>Roundtable discussions regarding retail choice issues and their effects on utilities are anticipated.</p>
	LEGISLATIVE:	<p>The president of the Maryland Senate introduced a bill that would create a task force to study retail electricity competition. The bill requires a report by the end of 1997, so that restructuring legislation could be introduced in the 1998 session.</p>

COMPETITION MILESTONES:	N/A
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NOTES/COMMENTS:	<p>Delmarva Power & Light has presented a plan to the Maryland PSC under which retail wheeling would be phased in over 6 to 8 years, starting in 1997.</p>
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost per MWh
AIR FORCE: Andrews AFB	141,910	\$ 7,504,159	\$52.880
ARMY: Aberdeen Army Proving Ground Fort Meade Fort Detrick	263,402 421,883 140,222	\$14,023,828 \$20,537,233 \$ 5,672,013	\$53.241 \$48.680 \$40.450
NAVY: EMCAC Annapolis NSRDC Bethesda NRTF Annapolis NSRDC Annapolis NOS Indian Head NSEOD Indian Head NRMC Annapolis NEODTC Indian Head NCS Cheltenham NRC Solomons Island UNISURUOSHEASCN Bethesda USNA Annapolis AMSORRDRESINS Bethesda NMC Bethesda NH Patuxent River NATC Patuxent River NSF Thurmont	1,134 30,329 6,923 18,872 30,305 1,792 1,486 17,349 5,720 4,407 17,817 81,096 9,914 79,258 2,911 145,008 9,310	\$ 115,612 \$ 2,277,151 \$ 436,088 \$ 1,178,086 \$ 1,884,104 \$ 109,890 \$ 90,012 \$ 1,043,920 \$ 343,976 \$ 258,034 \$ 1,037,857 \$ 4,683,834 \$ 545,566 \$ 4,354,464 \$ 151,418 \$ 7,512,439 \$ 431,436	\$101.951 \$ 75.082 \$ 62.991 \$ 62.425 \$ 62.171 \$ 61.323 \$ 60.573 \$ 60.172 \$ 60.136 \$ 58.551 \$ 58.251 \$ 57.757 \$ 55.030 \$ 54.940 \$ 52.016 \$ 51.807 \$ 46.341

MARYLAND

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost per MWh
OTHER (DeCA):			
Northeast Region Fort Meade	234	\$ 21,135	\$ 90.321
Bolling AFB	698	\$ 49,117	\$ 70.368
Andrews AFB	696	\$ 48,235	\$ 69.303
Aberdeen	744	\$ 49,073	\$ 65.958
Patuxent River	430	\$ 27,893	\$ 64.867
Annapolis	467	\$ 28,877	\$ 61.835
Fort Detrick	241	\$ 13,995	\$ 58.071
Fort Meade	520	\$ 26,525	\$ 51.010
TOTAL	1,435,078	\$74,455,970	\$ 51.883

MASSACHUSETTS

STATUS:	REGULATORY:	On December 30, 1996, the DPU issued its final plan for restructuring the electric industry. This served as the basis for legislation introduced in February 1997.
	LEGISLATIVE:	<p>On February 24, 1997, Massachusetts Governor William Weld introduced legislation to implement a retail competition plan recently approved by state regulators, the attorney general, and the state's utilities. It calls for creation of an ISO and a separate power exchange, and stranded cost recovery over a 10-year period through incentives for divestiture of generation and functional unbundling.</p> <p>The Joint Committee on Electric Utility Restructuring has developed a new bill which draws heavily on the legislation introduced by Governor Weld. Under the new plan, consumers would be guaranteed a 10% rate cut, even if they do not choose an alternate energy supplier; independent power producers must renegotiate existing contracts to bring prices in line with the market; and utilities must sell off non-nuclear generation assets in order to receive securitization of stranded costs.</p>

COMPETITION MILESTONES:

N/A

NOTES/COMMENTS:

In July 1996, Massachusetts Electric launched a one-year retail wheeling program for 13 of its industrial customers belonging to the Massachusetts High Technology Council, which acted as the group's aggregator and buying agent. The MHTC chose the sole supplier. A pilot for residential and small business customers in four Massachusetts towns was launched in January 1997, and offered a choice of six suppliers.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
L.G. Hanscom AFB	77,004	\$ 6,890,071	\$89.477
Westover ARB	14,782	\$ 1,066,758	\$72.166
ARMY:			
Natick R&D Center	24,917	\$ 1,483,317	\$59.530
NAVY:			
NWIRP Bedford	6,372	\$ 523,060	\$82.087
NIROP Pittsfield	34,651	\$ 1,905,772	\$54.999
OTHER (DeCA):			
L.G. Hanscom AFB	338	\$ 30,644	\$90.663
TOTAL	158,064	\$11,899,622	\$75.284

MICHIGAN

STATUS:	REGULATORY:	In June 1997, the MPSC opened the state electric industry to competition beginning in late 1997. Direct access will be phased in gradually, with new allotments of 2.5% of the total load of the major utilities opening to competition each year through 2001.
	LEGISLATIVE:	No activity.
COMPETITION MILESTONES:		1997 - 2.5% of total load 1998 - 5.0% 1999 - 7.5% 2000 - 10.0% 2001 - 12.5% 2002 - all consumers in all classes
NOTES/COMMENTS:		<p>The allotments will be placed up for bid to all consumer classes. Consumers wishing to select an alternate energy supplier must submit bids detailing the amount the consumer is willing to pay as an exit fee. The commission will select the highest bidders until the 2.5% allocation is filled for that year. These charges will be used to offset utility stranded costs.</p> <p>In anticipation of the June 1997 ruling, Detroit Edison and Consumers Energy have been seeking to lock their largest customers into long-term contracts to slow the advent of competition.</p>

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
ARMY:			
Selfridge Supply Center	27,356	\$1,771,794	\$64.768
Detroit Arsenal	39,109	\$2,390,404	\$61.122
TOTAL	66,465	\$4,162,198	\$62.622

MINNESOTA

STATUS:	REGULATORY:	The PUC has established working groups to investigate the introduction of retail competition in the state. In December 1995, they issued a set of 15 draft principles of restructuring.
	LEGISLATIVE:	Two electricity competition bills are before the state Legislature. Both call for the Department of Public Service to review direct access issues. One calls for full retail access by January 1, 2002. The Governor and other lawmakers have postponed any action on the issue until 1998.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		On October 28, 1996, the Minnesota Chamber of Commerce conducted a state-wide forum on electricity deregulation in an attempt to prod lawmakers into speeding the pace of restructuring.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Minneapolis-St. Paul IAP	4,754	\$ 246,408	\$51.832
NAVY: NASTROGRPDET Bravo Rosemount	599	\$ 53,916	\$90.010
NRRC Minneapolis	4,252	\$ 271,226	\$63.788
NIROP Minneapolis	31,304	\$1,415,362	\$45.213
TOTAL	40,909	\$1,986,912	\$48.569

MISSISSIPPI

STATUS:	REGULATORY:	On July 1, 1997, the Mississippi Public Service Commission ordered its staff to come up with a plan by November 1, 1997 that would allow implementation of retail electric competition. Once the PSC staff comes back with its plan, the commission will review it and hold public hearings, probably in Spring, 1998. No timetable has been set for deregulation.		
	LEGISLATIVE:	A bill filed in the state senate in January 1997 which would have allowed customer choice for all classes before July 1, 2000 died in committee hearings.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		State law limits the PSC's jurisdiction to stockholder-owned public utility companies, basically Entergy and Mississippi Power on the Gulf Coast. Combined, these two companies only provide electricity to about half of the state.		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:				
Columbus AFB		40,504	\$ 2,149,727	\$53.074
Keesler AFB		158,741	\$ 6,690,850	\$42.149
ARMY:				
Mississippi AAP		9,443	\$ 440,134	\$46.610
NAVY:				
NSPASURSTA Hillandale		182	\$ 13,111	\$72.038
Shipbuilding C&R Pascagoula		3,373	\$ 203,987	\$60.476
NAS Meridian		38,154	\$ 2,076,967	\$54.436
NCBC Gulfport		27,370	\$ 1,222,503	\$44.666
TOTAL		277,767	\$12,797,279	\$46.072

MISSOURI

STATUS:	REGULATORY:	<p>In March 1997, the Public Service Commission opened a formal docket to investigate retail competition for the purpose of developing restructuring legislation. They are forming a task force to lead the inquiry.</p> <p>The PSC has approved a two-year program offered by Utilicorp allowing commercial customers with at least 20 delivery points and a combined load of at least 2.5 MW to have access to competitive electricity suppliers.</p>		
	LEGISLATIVE:	No activity.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		<p>As part of a merger settlement between Union Electric and Central Illinois Public Service, a 100 MW retail wheeling pilot may be available in mid-to-late 1997. However, the PSC is not convinced that it has the authority to implement a pilot, even if all parties agree, without legislation to modify existing state laws.</p>		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Whiteman AFB		77,022	\$ 3,635,452	\$47.200
ARMY: Fort Leonard Wood		71,954	\$ 4,425,181	\$61.500
Lake City AAP		43,014	\$ 2,334,226	\$54.267
Aviation/TOP Command		1,786	\$ 94,815	\$53.088
MARINE CORPS: MCF Kansas City		13,997	\$ 163,522	\$11.683
OTHER (DeCA): Fort Leonard Wood		200	\$ 12,295	\$61.475
Whiteman AFB		829	\$ 40,083	\$48.351
TOTAL		208,802	\$10,705,574	\$51.271

MONTANA

STATUS:	REGULATORY:	The PSC opened a formal docket on retail competition, leading to the passage of legislation in 1997.
	LEGISLATIVE:	Montana has passed a law calling for a phased-in approach to retail access. Large industrial customers will gain access starting July 1, 1998, and full direct access for all customer classes will be phased in over a four-year period ending July 1, 2002. Pilot programs designed by each utility would be required during the transition period. A two-year rate freeze will occur at the beginning of the phase-in period, followed by an additional energy component rate freeze for residential and commercial customers. Stranded costs will be recovered through a transition charge based on filings made by the utilities one year before applicable customers gain access under the phase-in plan.

COMPETITION MILESTONES:	Industrial customers - July 1, 1998 Full direct access - July 1, 2002
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NOTES/COMMENTS:	On December 5, 1996, a steering committee formed by the governors of Idaho, Montana, Oregon, and Washington finalized an electricity restructuring plan. The plan focused primarily on the role of the Bonneville Power Administration in a competitive market and repayment of the Agency's large debt through a "subscription" system. The plan calls for some degree of customer choice by July 1, 1999.
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Malmstrom AFB	85,312	\$3,788,743	\$44.410
TOTAL	85,312	\$3,788,743	\$44.410

NEBRASKA

STATUS:	REGULATORY:	No activity.		
	LEGISLATIVE:	On August 7, 1996, the state Legislature announced a three-year study into retail competition, that will review issues within the state and around the country and develop public policy recommendations.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		All state utilities are publicly-owned. While there has been some discussion about privatization, Nebraska's low rates have precluded any action in this regard.		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NONE				

NEVADA

STATUS:	REGULATORY:	The PSC issued a report favoring retail wheeling in December 1996, although it opposes mandating a particular industry structure. The Commission favors introducing competition gradually through unbundling. The PSC focused on developing legislation for the 1997 session, and did in fact propose a bill which was introduced in late April 1997.
	LEGISLATIVE:	<p>The Nevada state legislature passed a deregulation bill on July 6, 1997 which requires full competition in the state by December 31, 1997 and a cap on rates until this date. Other details of implementation, including stranded cost recovery, are to be determined by the PSC, with only broad framework given in the bill.</p> <p>Nevada previously enacted the country's first retail wheeling statute, but it applies only to new load as an incentive for industrial investment in the state. Additional restrictions exist that limit the wide applicability of the law. In addition, the PSC must approve every contract under the statute.</p>

COMPETITION MILESTONES: December 31, 1997 - 100%

NOTES/COMMENTS:

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Nellis AFB	115,908	\$6,030,484	\$ 52.028
ARMY: Hawthorne AAP	10,558	\$ 524,579	\$ 49.685
NAVY: NAS Fallon	30,840	\$1,867,344	\$ 60.549
OTHER (DeCA): Fallon Nellis AFB	146 882	\$ 15,211 \$ 42,002	\$104.185 \$ 47.621
TOTAL	158,334	\$8,479,620	\$ 53.555

NEW HAMPSHIRE

STATUS:	REGULATORY:	The PSC issued its final restructuring plan on February 28, 1997. The plan allows only 60% stranded cost recovery, and requires full divestiture of generation assets if utilities wish to become a distribution service provider.
	LEGISLATIVE:	On May 22, 1996, New Hampshire became the first state to enact legislation mandating the implementation of full retail competition for all customer classes by a set date -- mid-1998. The legislation left the issue of stranded cost recovery unresolved.

COMPETITION MILESTONES:	January 1, 1998 - 100%
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NOTES/COMMENTS:	<p>A judge in Rhode Island has issued an indefinite restraining order preventing the PUC from moving forward with any portion of its restructuring plan that deals with stranded cost recovery for Public Service Company of New Hampshire. PSNH's parent company, Northeast Utilities, claims that the PUC's method of calculation to determine stranded cost recovery -- based on a regional market price of power rather than the cost of generation -- will force the utility into bankruptcy. Negotiations have been reopened over the stranded cost recovery issue, and it continues to be fought in Federal Court.</p> <p>New Hampshire is currently in the middle of a two-year pilot program, which is scheduled to end in July, 1998. The program requires each utility to allow 3% of its load, allocated among all customer classes, to be served by competitive suppliers. The fight for the few large commercial and industrial loads proved so fierce that many received price quotes well below the market cost of power.</p>
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: New Boston	5,294	\$ 506,143	\$95.607
ARMY: Cold Regions Lab	8,934	\$ 620,664	\$69.472
NAVY: Naval Shipyard Portsmouth	59,330	\$3,851,492	\$64.916
TOTAL	73,558	\$4,978,299	\$67.679

NEW JERSEY

STATUS:	REGULATORY:	<p>The BPU has completed its final plan to begin retail choice throughout the state. The plan requires a 5-10% rate reduction for all customer classes starting in October 1998 when 10% of customers will be able to choose an alternate energy supplier. Retail choice will be available to all customers by June 2000, by which time customers should see rate decreases of up to 15% as utility assets are paid off and proposed state energy tax cuts are made. Stranded costs are to be evaluated on an utility-by-utility basis, and will be awarded provided the utilities have made every effort to mitigate stranded investments.</p>
	LEGISLATIVE:	<p>On July 15, 1997, Governor Christine Whitman signed a bill into law which eliminates the gross receipts and franchise tax placed on utilities, replacing it with a straight sales tax against all electricity suppliers. The intent was to simplify tax collection in a competitive environment and provide a tax break to consumers.</p> <p>In January 1997, the New Jersey Legislature proposed its plans for restructuring the electric industry. The "Energy Master Plan" combines the use of bilateral contracts and the establishment of a power pool coordinated by an ISO. This plan calls for 5% of utility load to be made available for competition by October 1998, with full direct retail access by April 2001.</p>
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		<p>Under the EMP, state utilities would be able to recover stranded costs, estimated at \$7 - \$17 billion, over an eight-year period through a market transition charge. Utilities could also elect to recover costs through securitization.</p> <p>Rejecting the fairness of a phased-in transition, Public Service Electric & Gas has offered a plan which would allow all of its customers access to competition beginning January 1, 1999. Customers would submit their choice of energy supplier beginning in October 1998; capacity would be opened for competitive bidding once trading began on the PJM interconnection. The plan also includes a seven-year rate cap and a 5-10% rate cut for consumers, to be financed by securitizing \$2.5 billion of its estimated \$5.5 billion in stranded costs.</p> <p>GPU Energy has filed a proposal with the BPU to allow the town of Monroe (pop. 11,000) to conduct a retail wheeling pilot. The GPU plan would allow all customers in the town to choose their supplier by mid-1997. The pilot is in response to a municipalization threat by the town.</p>

NEW JERSEY

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Gibbsboro AFS	50	\$ 5,738	\$114.760
McGuire AFB	83,745	\$7,180,900	\$ 85.747
ARMY:			
Fort Dix	87,995	\$7,436,173	\$ 84.507
Bayonne Military Ocean Terminal	24,675	\$2,041,778	\$ 82.747
Picatinny Arsenal	51,393	\$4,099,100	\$ 79.760
Fort Monmouth	97,036	\$7,323,895	\$ 75.476
NAVY:			
NWS Colts Neck	31,086	\$2,904,451	\$ 93.433
NATTC Lakehurst	650	\$ 57,658	\$ 88.705
NAEC Lakehurst	36,205	\$3,213,043	\$ 88.746
OTHER (DeCA):			
Lakehurst	183	\$ 21,362	\$116.732
McGuire AFB	1,370	\$ 126,407	\$ 92.268
Fort Monmouth	624	\$ 52,506	\$ 84.144
TOTAL	415,012	\$34,463,011	\$ 83.041

NEW MEXICO

STATUS:	REGULATORY:	The stakeholder group established by the PUC to create an electric restructuring plan has been ordered back into negotiations after disbanding earlier this year citing disagreements on stranded costs. Public Service of New Mexico has proclaimed that it will not settle for less than 100% recovery of an estimated \$1 billion in stranded costs. The group now has until September 15 to present its plan to the PSC staff.
	LEGISLATIVE:	The legislative committee responsible for electric restructuring issues recommended that retail competition proposals not be considered in the 1997 session, and a bill which was introduced to bring full direct access by January 1, 2000 was tabled indefinitely. A series of retail wheeling bills introduced in 1995 were killed early by utility opposition.

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

In March 1997, Texas-New Mexico Power had a retail competition plan approved by the PUC which would implement retail wheeling over the next three years. Beginning in April 1997, the utility instituted a rate freeze until 2000, during which time it will recover its stranded costs. In 2000, all customers will have access to competitive generation. A limited pilot program covering only 1% of the utility's customers is expected at some point during the three year transition period.

The PUC approved a negotiated agreement for large industrial customers of the Plains Electric Generation and Transmission Cooperative that will allow 1% of existing load and all new load to purchase electricity on the open market.

The U.S. Army and Air Force have notified El Paso Electric that they intend to seek competitive bids for retail service to bases in New Mexico. El Paso is attempting to fight this through the PSC, but the Army claims that the PSC lacks jurisdiction.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Kirtland AFB	102,367	\$6,537,005	\$ 63.859
Holloman AFB	75,876	\$4,801,192	\$ 63.277
Cannon AFB	67,203	\$2,727,125	\$ 40.580
ARMY:			
White Sands	115,342	\$7,037,013	\$ 61.010

NEW MEXICO

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NSPASURSTA Truth or Consequences	182	\$ 18,421	\$101.214
NAVORDMISTESTSTA White Sands	3,597	\$ 302,066	\$ 83.977
OTHER (DeCA):			
White Sands	373	\$ 31,728	\$85.062
Holloman AFB	479	\$ 33,327	\$69.576
Kirtland AFB	1,011	\$ 64,954	\$64.247
Cannon AFB	539	\$ 21,995	\$40.807
TOTAL	366,969	\$21,574,826	\$58.792

NEW YORK

STATUS:	REGULATORY:	On May 16, 1996, the PSC issued its plan to introduce retail competition to all customer classes in the state by 1998. The PSC's plan called for establishment of an ISO and recovery of stranded costs and social programs costs through a wires charge, but otherwise left the details of implementing retail wheeling to individual utility plans. The state's IOUs lost a subsequent lawsuit challenging the PSC's authority to mandate retail competition. The PSC has since negotiated a series of restructuring agreements with Consolidated Edison, Rochester Gas & Electric, Orange & Rockland Utilities, Central Hudson Gas & Electric, and New York State Electric & Gas.
	LEGISLATIVE:	A joint legislative conference committee has been established to forge consensus on electric deregulation. The committee began meetings in June 1997 and hopes to draft a bill in the coming months.

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

On January 29, 1997, NYPA approved agreements which will eliminate the New York Power Pool and create a non-profit ISO. In addition, the agreements established the New York State Reliability Council to set standards in accordance with all applicable regulations. NYPA's plan has been submitted to the FERC, and the agency hopes to complete the implementation process by mid-1998.

New York became the third state to implement a retail wheeling pilot program when O&R introduced a two-phase pilot program known as "PowerPick." The industrial phase began on July 1, 1996, and the residential phase began on January 1, 1997. A retail competition pilot for agricultural customers of CHG&E, NYSE&G, Niagara Mohawk, and RG&E is scheduled to begin November 1, 1997 and run for two years or until full retail competition begins in each participating utility's service territory.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Niagara Falls	5,137	\$ 488,894	\$95.171
ARMY: Fort Drum	114,109	\$9,417,847	\$82.534
Watervliet Arsenal	44,140	\$3,504,816	\$79.402
U.S. Military Academy	85,636	\$5,271,259	\$61.554
Fort Hamilton	24,598	\$1,433,115	\$58.261

NEW YORK

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
OTHER (DeCA):			
Mitchel Field	364	\$ 44,401	\$121.981
Governor's Island	92	\$ 10,481	\$113.924
ARDEC Picatinny	76	\$ 7,899	\$103.934
Scotia	174	\$ 17,654	\$101.460
Hamilton	451	\$ 44,762	\$ 99.251
Fort Drum	790	\$ 63,944	\$ 80.942
West Point	1,080	\$ 80,088	\$ 74.156
Carlisle	548	\$ 36,865	\$ 67.272
TOTAL	277,195	\$20,422,025	\$ 73.674

NORTH CAROLINA

STATUS:	REGULATORY:	The Utilities Commission has declined to initiate a formal investigation into retail wheeling.
	LEGISLATIVE:	<p>The General Assembly approved a bill to establish a commission to study electric industry restructuring. The commission will be composed of utility representatives, consumer groups, and state legislators. They are scheduled to issue an interim report in January 1998 and a final report in January 1999.</p> <p>Another bill has been introduced to bring retail choice to the state starting in October 1998 for residential customers, January 1999 for commercial customers, and July 1999 for industrial customers. IOUs would be granted 50% stranded cost recovery over five years. Consumer groups have praised the bill, while the state's largest utilities advocate waiting until the study report is concluded before proceeding with competition.</p>

COMPETITION MILESTONES: N/A

NOTES/COMMENTS: Recognizing its inevitability, Duke Power and North Carolina Power have taken a neutral stand on retail access; Carolina Power & Light continues to oppose even an investigation into the matter.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Pope AFB	43,933	\$ 2,819,908	\$64.187
Seymour Johnson AFB	100,144	\$ 5,288,583	\$52.810
ARMY:			
Sunny Point Military Ocean Terminal	3,110	\$ 220,873	\$71.020
Fort Bragg	454,348	\$24,649,512	\$54.252
MARINE CORPS:			
Camp Lejeune	341,417	\$18,282,998	\$53.550
MCAS Cherry Point	156,733	\$ 7,207,901	\$45.988
NAVY:			
NARF Cherry Point	85,868	\$ 5,801,922	\$67.568
NRMC Camp Lejeune	14,717	\$ 938,788	\$63.789
OTHER (DeCA):			
Pope AFB	72	\$ 5,211	\$72.375
Cherry Point	470	\$ 31,732	\$67.515
Fort Bragg	1,665	\$ 107,255	\$64.417
New River	246	\$ 15,544	\$63.187

NORTH CAROLINA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
OTHER (DeCA) (cont.):			
Hadnot Point Camp Lejeune	1,017	\$ 64,252	\$63.178
Seymour Johnson AFB	493	\$ 30,060	\$60.974
TOTAL	1,204,233	\$65,464,539	\$54.362

NORTH DAKOTA

STATUS:	REGULATORY:	In February 1996, the PSC opened a formal investigation into retail competition. The PSC issued a second order in September 1996, calling for continuance of its investigation.		
	LEGISLATIVE:	Each branch of the state legislature has introduced a bill mandating the study of retail competition in preparation for considering legislation in the 1999 session.		
COMPETITION MILESTONES:				
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:				
	Minot AFB	35,708	\$2,275,320	\$63.720
	Grand Forks AFB	175,392	\$6,607,875	\$37.675
ARMY:				
	S.R. Mickelson	257	\$ 16,371	\$63.700
OTHER (DeCA):				
	Grand Forks AFB	617	\$ 26,195	\$42.455
	Minot AFB	457	\$ 11,598	\$25.379
TOTAL		212,431	\$8,937,359	\$42.072

OHIO

STATUS:	REGULATORY:	<p>On December 24, 1996, the PUCO issued guidelines on a two-year conjunctive billing pilot program which will allow small load customers or end-users with multiple facilities to aggregate their load for greater purchasing power. This program does not include supplier choice.</p> <p>PUCO has also initiated a two-year pilot program which will enable interruptible customers to purchase off-system supplies during capacity shortages. The native utility, however, must actually purchase the power and then resell it to the customer.</p>
	LEGISLATIVE:	<p>On January 6, 1997, the Ohio General Assembly announced the formation of a joint legislative committee to study restructuring issues. The committee must issue its recommendation by October 1, 1997.</p> <p>A "placeholder" bill was introduced in February 1997 to ensure that the restructuring issue is addressed in the next legislative session.</p>

COMPETITION MILESTONES:

N/A

NOTES/COMMENTS:

Centerior Energy has submitted its own competition plan calling for full direct access by 2002, provided that it gets full stranded cost recovery and tax relief. They call for ten-year stranded cost recovery through a surcharge on all customer bills.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Youngstown MAP	4,896	\$ 363,919	\$74.330
Wright-Patterson AFB	414,204	\$17,244,835	\$41.634
Newark AFB	46,138	\$ 1,743,292	\$37.784
ARMY:			
Columbus DCSC	61,885	\$ 3,760,000	\$60.758
NAVY:			
NWIRP Toledo	10,260	\$ 839,478	\$81.820
OTHER (DeCA):			
Wright-Patterson AFB	1,365	\$ 67,028	\$49.105
TOTAL	538,748	\$24,018,552	\$44.582

OKLAHOMA

STATUS:	REGULATORY:	The OCC has launched an inquiry into electric restructuring in June 1996. The key issue for the state is how to protect its already low rates in the face of competition.
	LEGISLATIVE:	A bill requiring the phase-in of direct access starting in July 2002 was passed in March 1997. Rates will be frozen until competition. Stranded costs will be recovered over seven years, and utilities are prohibited from using energy rate increases for cost recovery purposes. The bill also requires several studies, the results from which may lengthen the implementation period for competition if a method is not found to tax in-state and out-of-state providers on an equal basis.
COMPETITION MILESTONES:		Start of competition in July 2002
NOTES/COMMENTS:		Existing law allows new load of over 1 MW to be fed from a choice of suppliers.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Altus AFB	57,403	\$ 2,301,216	\$40.089
Tinker AFB	352,817	\$11,481,123	\$32.541
Vance AFB	20,351	\$ 541,687	\$26.617
ARMY:			
McAlester AAP	13,317	\$ 447,127	\$33.576
Fort Sill	165,763	\$ 4,593,569	\$27.712
OTHER (DeCA):			
Tinker AFB	709	\$ 34,101	\$48.097
Altus AFB	593	\$ 25,418	\$42.863
Fort Sill	1,270	\$ 31,252	\$24.608
Vance AFB	513	\$ 9,022	\$17.587
TOTAL	612,736	\$19,464,515	\$31.767

OREGON

STATUS:	REGULATORY:	<p>In June 1996, the PUC began its investigation into electric industry restructuring. The Commission hopes to develop consensus on key issues so that it can propose legislation for the 1999 session.</p> <p>The Commission opened an investigation to develop a policy for the treatment of transition costs for electric utilities on February 7, 1997.</p>
	LEGISLATIVE:	<p>Electricity restructuring bills failed to gain passage in the state Legislature in the 1997 session. Restructuring will not be revisited until the next legislative session in 1999.</p>

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

Portland General Electric has filed a proposal with the PUC to offer customer choice to 50,000 of its customers (all classes included) in Hillsboro, Oregon City, Sandy, and St. Helens. If approved, participants would be able to choose their electric suppliers this fall and would begin receiving power from alternative providers December 1. The utility also plans to take up its Schedule 77 with the Commission again. Schedule 77 is a special industrial tariff that would give about 25 of PGE's largest customers the opportunity to purchase their electricity needs from other suppliers. The program would be open to customers having at least 5 MW of aggregated load.

On December 5, 1996, a steering committee formed by the governors of Idaho, Montana, Oregon, and Washington finalized an electricity restructuring plan. The plan focused primarily on the role of the Bonneville Power Administration in a competitive market and repayment of the Agency's large debt through a "subscription" system. The plan calls for some degree of customer choice by July 1, 1999.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
ARMY: Umatilla DA	2,324	\$98,897	\$42.555
TOTAL	2,324	\$98,897	\$42.555

PENNSYLVANIA

STATUS:	REGULATORY:	The PUC has mandated that utilities put pilot programs in place by the end of 1997 which will run until the start of direct access in January 1999. The utilities have until September 30, 1997 to submit detailed restructuring plans to the PUC, including their stranded cost recovery requirements.
	LEGISLATIVE:	In December 1996, Pennsylvania became the fourth state to pass legislation necessary for retail competition. Retail competition will be phased in over a three-year period beginning on January 1, 1999, and customers will be eligible for direct access on a first come-first served basis. Rate caps have been put in place to ensure customers do not pay for more for power than they do now. Stranded cost decisions will be left to the PUC.

COMPETITION MILESTONES:	January 1, 1999 - 1/3 of total load January 1, 2000 - 2/3 of total load January 1, 2001 - full direct access
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NOTES/COMMENTS:	A settlement effort by the Pennsylvania Electric Association and the PUC over energy credits in the pilot programs is currently before the PUC for approval. The settlement proposes a 2.7¢/kWh credit for energy for utilities in the PJM interconnection and 2.1¢/kWh for utilities in western Pennsylvania. A participation credit has also been suggested that would give participants a 10% discount on the non-energy portion of their bill. Utilities have asked for language that would allow them recovery in their rate base if the pilots provide artificially low prices to consumers.
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Willow Grove ARS	7,073	\$ 580,008	\$82.003
Pittsburgh IAP	5,363	\$ 376,823	\$70.263
ARMY:			
Philadelphia DCS	22,795	\$ 1,700,000	\$74.578
Kelly Support Facility	4,463	\$ 318,812	\$71.434
Carlisle Barracks	21,435	\$ 1,440,437	\$67.200
New Cumberland Army Depot	47,040	\$ 2,848,942	\$60.564
Tobyhanna Army Depot	40,554	\$ 2,420,454	\$59.685
Scranton AAP	34,400	\$ 1,876,157	\$54.539
Letterkenny Army Depot	57,658	\$ 2,839,192	\$49.242
NAVY:			
NAS Willow Grove	24,705	\$ 1,759,182	\$71.208
SPCC Mechanicsburg	58,995	\$ 3,484,777	\$59.069
Defense Depot Mechanicsburg	21,593	\$ 1,272,238	\$58.919

PENNSYLVANIA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost per kWh
OTHER (DeCA):			
Charles E. Kelly Oakdale	273	\$ 23,653	\$86.641
DDRE New Cumberland	130	\$ 7,996	\$61.508
Tobyhanna	222	\$ 13,326	\$60.027
TOTAL	346,699	\$20,961,997	\$60.462

RHODE ISLAND

STATUS:	REGULATORY:	In July 1995, the Rhode Island PUC issued its restructuring proposal developed by a task force composed of industry stakeholders
	LEGISLATIVE:	<p>On August 9, 1996, legislation was signed requiring full retail competition for end-users and direct access for some customers beginning in July 1, 1997. Full direct access will be phased in by July 1, 1998. The bill grants a 2.8¢/kWh stranded investment rate to utilities over three years, after which 15% of generation assets must be sold. The value of assets (as determined by the sale) will be used to adjust the cost recovery rate in later years.</p> <p>An additional bill is under consideration which would provide exemptions for some of the smaller, non-competitive utilities, and give the PUC the flexibility to grant alternative stranded cost recovery methods if this would lower the cost to consumers.</p>
COMPETITION MILESTONES:		July 1, 1997 - 10% of load January 1, 1998 - 20% July 1, 1998 - 100%
NOTES/COMMENTS:		The initial customers eligible for direct access will be selected on a first-come, first-served basis.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NRRC Newport	2,564	\$ 278,715	\$108.703
NETC Newport	40,752	\$3,778,089	\$ 92.709
NRMC Newport	3,780	\$ 334,181	\$ 88.408
NWC Newport	7,601	\$ 670,869	\$ 88.261
NUSC Newport	52,794	\$4,436,280	\$ 84.030
OTHER (DeCA):			
Newport	431	\$ 48,152	\$111.722
TOTAL	107,922	\$9,546,286	\$ 88.455

SOUTH CAROLINA

STATUS:	REGULATORY:	On May 15, 1997, the PSC voted to begin accepting proposals for deregulating the state's electric industry. Plans were received from the state's major public utilities and consumer groups in June 1997.
	LEGISLATIVE:	The South Carolina Legislature was not able to reach a consensus on an electric restructuring bill before the end of its session on June 5, 1997. The bill would have brought retail competition to all customer classes in the state by 1999, beginning with residential customers on January 1, 1998.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		Duke Power was the only state utility to offer a proactive plan for deregulation, albeit with no suggested dates for implementation. Carolina Power & Light and South Carolina Electric & Gas both proposed that the Legislature and the PSC observe the effects of competition in other states before proceeding further.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Charleston AFB	31,439	\$ 2,803,260	\$89.165
Shaw AFB	90,593	\$ 4,993,586	\$55.121
ARMY:			
Fort Jackson	118,522	\$ 4,326,467	\$36.503
MARINE CORPS:			
MCAS Beaufort	59,174	\$ 2,842,717	\$48.040
MCRD Parris Island	56,913	\$ 2,284,132	\$40.134
NAVY:			
NRRC Charleston	2,833	\$ 168,260	\$59.393
NRMC Charleston	14,784	\$ 748,296	\$50.615
NAVCONBRIG Charleston	4,882	\$ 228,953	\$46.897
NH Beaufort	10,423	\$ 471,423	\$45.229
NWS Charleston	86,525	\$ 3,789,411	\$43.796
PMFLANT Charleston	15,094	\$ 645,398	\$42.759
TOTAL	534,836	\$23,301,903	\$43.568

SOUTH DAKOTA

STATUS:	REGULATORY:	The PUC is on the record as favoring retail wheeling provided true competition exists. No formal activity.		
	LEGISLATIVE:	Existing law allows new customers with loads greater than 2 MW to petition the PUC to select their electric supplier.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Ellsworth AFB		73,130	\$2,191,822	\$29.972
OTHER (DeCA): Ellsworth AFB		611	\$ 16,270	\$26.628
	TOTAL	73,741	\$2,208,092	\$29.944

TENNESSEE

STATUS:	REGULATORY:	No activity.
	LEGISLATIVE:	No activity.
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		<p>Tennessee customers receive a majority of their power from the Tennessee Valley Authority as opposed to investor-owned utilities.</p> <p>American Electric Power Company issued a position statement October 26, 1995, stating its support for retail competition and direct access in the region its serves. AEP favors direct access for all customer classes, stranded cost recovery through an access fee (decided on a utility-by-utility basis), and formation of a regional PX and ISO.</p>

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Arnold AFB	602,674	\$18,495,616	\$30.689
ARMY: Volunteer AAP	4,596	\$ 228,331	\$49.680
NAVY: NRRC Memphis	3,215	\$ 260,023	\$80.878
Raytheon Co Bristol	31,340	\$ 1,446,038	\$46.140
NRMC Memphis	9,758	\$ 446,540	\$45.761
NARU Millington	695	\$ 31,732	\$45.658
TOTAL	652,278	\$20,908,280	\$32.054

TEXAS

STATUS:	REGULATORY:	In November 1995, the PUC opened an investigation into retail competition issues, and has accepted comments on unbundling and stranded costs for developing its recommendation for the state legislature. A report issued by PUC staff claimed that industry restructuring could cost ratepayers as much as \$22 billion unless retail competition is phased in over an eight-year period due to stranded cost recovery.
	LEGISLATIVE:	<p>Efforts by Governor George Bush to push through electric restructuring legislation failed in the 1997 session due to resistance to the proposed 100% stranded cost recovery and the delayed 2002 start date. The deregulation issue will not be addressed again until the next legislative session in 1999.</p> <p>In previous sessions, the Texas legislature substantially deregulated the wholesale electricity market, and became the first state to approve an ISO. In addition to implementing non-discriminatory retail access, the ISO will also implement a transmission information system.</p>

COMPETITION MILESTONES:	N/A
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NOTES/COMMENTS:	<p>The PUC and Texas stakeholders claim that FERC has no jurisdiction in Texas, because it is almost entirely electrically isolated from the rest of the country.</p> <p>Texas-New Mexico Power Company ("TNP") is planning to submit a retail wheeling transition plan to the PUC by the end of July 1997.</p>
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Eldorado AFS	3,513	\$ 234,130	\$66.647
Laughlin AFB	37,710	\$ 2,017,563	\$53.502
Sheppard AFB	113,381	\$ 5,685,919	\$50.149
Lackland AFB	130,824	\$ 5,878,201	\$44.932
Wilford Hall	10,468	\$ 465,584	\$44.477
Goodfellow AFB	44,106	\$ 1,738,404	\$39.414
Dyess AFB	70,912	\$ 2,709,516	\$38.210
Brooks AFB	62,008	\$ 2,280,972	\$36.785
Randolph AFB	82,869	\$ 2,846,495	\$34.349
ARMY:			
Fort Bliss	158,731	\$11,159,882	\$70.307
Corpus Christi Army Depot	54,212	\$ 2,942,847	\$54.284
Fort Sam Houston	114,921	\$ 6,027,651	\$52.450
Fort Hood	493,897	\$20,433,505	\$41.372
Lone Star AAP	11,513	\$ 440,709	\$38.279
Red River Army Depot	57,154	\$ 2,094,147	\$36.640

TEXAS

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NRRC Dallas	4,367	\$ 311,891	\$71.420
NAS Kingsville	24,875	\$ 1,411,755	\$56.754
NRMC Corpus Christi	10,887	\$ 511,473	\$46.980
NAS Corpus Christi	50,973	\$ 2,343,417	\$45.974
NSPASURSTA Archer City	17,024	\$ 721,426	\$42.377
NWIRP Dallas	189,192	\$ 7,884,036	\$41.672
NIRP McGregor	34,012	\$ 1,369,408	\$40.262
OTHER (DeCA):			
Fort Hood II	1,218	\$ 82,058	\$67.371
Kingsville	182	\$ 11,674	\$64.143
Sheppard AFB	927	\$ 57,441	\$61.964
Fort Hood	750	\$ 46,059	\$61.412
Laughlin AFB	407	\$ 21,587	\$53.039
Goodfellow AFB	528	\$ 25,077	\$47.494
Lackland AFB	1,631	\$ 76,074	\$46.643
Dyess AFB	645	\$ 29,998	\$46.509
Corpus Christi	678	\$ 31,105	\$45.878
Fort Bliss	671	\$ 29,516	\$43.988
Brooks AFB	582	\$ 23,212	\$39.883
Randolph AFB	1,054	\$ 40,116	\$38.061
Fort Sam Houston	1,390	\$ 51,687	\$37.185
TOTAL	1,788,212	\$82,034,535	\$45.875

UTAH

STATUS:	REGULATORY:	In January 1996, the PSC formally opened an investigation into retail competition. Technical sessions have been held and comments received, but no formal report has yet been issued.
	LEGISLATIVE:	Legislation has been introduced requiring the PSC to create a task force to study electric industry restructuring and develop an implementation plan. A final report and recommendations for implementing legislation are due in November 1997.

COMPETITION MILESTONES: N/A

NOTES/COMMENTS:

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Hill AFB	217,957	\$ 7,925,914	\$36.365
ARMY: Dugway Army Proving Ground Tooele Army Depot	31,166 55,582	\$ 1,230,545 \$ 2,120,292	\$39.484 \$38.147
NAVY: NSSPO Magna	10,311	\$ 331,747	\$32.174
OTHER (DeCA): Dugway Hill AFB	284 455	\$ 11,784 \$ 17,921	\$41.493 \$39.387
TOTAL	315,755	\$11,638,203	\$36.858

VERMONT

STATUS:	REGULATORY:	The Vermont Public Service Board issued its final restructuring report in December 1996 which called for full access for all end-users by the end of 1998. A final decision regarding stranded cost recovery will not be made before December 2001.		
	LEGISLATIVE:	The Vermont House of Representatives rejected passage of an electric restructuring bill that had already passed the Senate in the 1997 session. The House plans to introduce its own restructuring bill in the next session.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:		The PSB is forcing utilities to renegotiate long-term high-cost power purchase contracts with Hydro-Québec, which are estimated to account for up to 60% of all stranded costs.		
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NONE				

VIRGINIA

STATUS:	REGULATORY:	In August 1996, the SCC issued a report which expressed concern that the state's relatively low electric rates would be jeopardized by competition. While not ruling out competition, the Commission would prefer to monitor developments in other states first, as well as investigate interim measures such as flexible rate-making and real-time pricing.
	LEGISLATIVE:	A joint legislative committee has endorsed a resolution that will require the SCC to develop a plan for the implementation of full retail competition by November 1997. Legislation is expected to be introduced in the 1998 session.

COMPETITION MILESTONES:

N/A

NOTES/COMMENTS:

The Department of Defense has been pressuring state legislators into allowing it to retail wheel its load in the state. The Pentagon claims that it is a wholesale customer under state law, and that therefore it should have access to competitive suppliers. The state disagrees; however, the Legislature has passed a law allowing full stranded cost recovery in the event that a federal facility ceases to take service from a state utility.

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: Langley AFB	118,988	\$ 5,317,271	\$44.687
ARMY: Fort Monroe Fort A.P. Hill Richmond DCSC Fort Belvoir Fort Eustis Fort Lee Fort Myer	14,188 11,791 47,236 205,169 117,402 95,150 50,997	\$ 1,272,601 \$ 762,518 \$ 2,404,000 \$ 8,769,273 \$ 4,280,153 \$ 3,406,771 \$ 1,663,050	\$89.696 \$64.669 \$50.893 \$42.742 \$36.457 \$35.804 \$32.611
MARINE CORPS: MCB Quantico HQBN Arlington MCB Camp Elmore	104,908 8,438 3,734	\$ 5,469,080 \$ 371,044 \$ 153,562	\$52.132 \$43.973 \$41.125
NAVY: Naval Shipyard Portsmouth NISMF Portsmouth NSRDC Portsmouth GMSCOL Virginia Beach St. Juliens Creek Annex Portsmouth SATCOMDET Northwest Chesapeake NSC Norfolk Naval Medical Clinic Norfolk NWS Yorktown	52,069 447 215 36,000 16,910 3,067 54,459 1,852 42,481	\$ 2,944,800 \$ 25,164 \$ 11,911 \$ 1,800,000 \$ 832,399 \$ 149,178 \$ 2,582,177 \$ 86,911 \$ 1,985,247	\$56.556 \$56.295 \$55.400 \$50.000 \$49.225 \$48.640 \$47.415 \$46.928 \$46.733

VIRGINIA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY (cont.):			
NRTF Driver	144	\$ 6,660	\$46.250
NCB Norfolk	1,485	\$ 66,585	\$44.838
Naval Hospital Portsmouth	35,117	\$ 1,562,775	\$44.502
AEGISTRACEN Dahlgren	14,211	\$ 630,908	\$44.396
NAS Oceana	75,446	\$ 3,340,590	\$44.278
FCTC Virginia Beach	46,301	\$ 2,044,691	\$44.161
NSWC Dahlgren	81,602	\$ 3,597,268	\$44.083
TACTGRULANT Dam Neck	1,401	\$ 61,586	\$43.959
COMBTDIRSYS Virginia Beach	8,339	\$ 361,026	\$43.294
NPB Little Creek	60,243	\$ 2,595,287	\$43.080
NAB Little Creek	75,623	\$ 3,251,449	\$42.996
PWC Norfolk	506,699	\$21,252,352	\$41.943
LANTFLT Norfolk	4,793	\$ 200,874	\$41.910
NEOC Norfolk	944	\$ 39,380	\$41.716
NARF Norfolk	35,021	\$ 1,455,230	\$41.553
NAVCOMM Norfolk	1,128	\$ 46,753	\$41.448
Naval Comm System Norfolk	3,885	\$ 160,944	\$41.427
OSFLANT Norfolk	18,791	\$ 776,058	\$41.299
NSGA Northwest Chesapeake	22,023	\$ 908,814	\$41.267
SACLANT	3,465	\$ 142,624	\$41.161
NCAMSLANT Norfolk	6,714	\$ 275,971	\$41.104
HQSALANT Norfolk	20,486	\$ 841,752	\$41.089
Naval Dental Clinic Norfolk	2,651	\$ 108,926	\$41.089
NARDA Norfolk	2,878	\$ 118,231	\$41.081
Naval Station Norfolk	66,426	\$ 2,728,298	\$41.073
FTC Norfolk	18,835	\$ 773,531	\$41.069
AIRPAC Norfolk	2,868	\$ 117,740	\$41.053
NAS Norfolk	47,078	\$ 1,923,780	\$40.864
AFSC Norfolk	5,707	\$ 232,855	\$40.802
FAADCLANT Norfolk	1,777	\$ 72,473	\$40.784
FAWTC Norfolk	444	\$ 18,070	\$40.698
MB Norfolk	1,447	\$ 58,742	\$40.596
OTHER (DeCA):			
Portsmouth	540	\$ 49,711	\$92.057
Fort Monroe	331	\$ 29,721	\$89.792
Oceana-NAVRESSO	1,014	\$ 76,717	\$75.658
Central Region Little Creek	207	\$ 15,360	\$74.203
Norfolk	877	\$ 57,989	\$66.122
Little Creek	1,260	\$ 83,231	\$66.056
Dahlgren	66	\$ 3,894	\$59.000
Fort Belvoir	699	\$ 40,958	\$58.595
Fort Eustis	903	\$ 52,117	\$57.715
Quantico	886	\$ 51,081	\$57.653
DGSC Richmond	344	\$ 19,217	\$55.863
Langley AFB	1,126	\$ 60,744	\$53.947
Fort Myer	1,320	\$ 67,158	\$50.877

VIRGINIA

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
OTHER (DeCA) (cont.)			
DeCA Headquarters Fort Lee	810	\$ 38,361	\$47.359
Fort Lee	935	\$ 44,198	\$47.271
TOTAL	2,170,791	\$94,749,790	\$43.648

WASHINGTON

STATUS:	REGULATORY:	<p>The WUTC approved two Washington Water Power pilot programs in July 1996. Direct Access and Delivery Service began September 1, 1996 and will run until August 31, 1998. The pilot is being offered to 15 of WWP's largest customers in the state who can contract for alternate capacity and energy for up to 1/3 of their 1995 load. More Options for Power Service began July 1, 1997 and is slated to run through June 30, 1999. The residential and commercial participants were randomly selected by the utility.</p>
	LEGISLATIVE:	<p>Heavy utility opposition killed an attempt to bring legislation to a vote which would have brought full retail competition to the state beginning in July 1999. A considerably weakened version of the bill (SB 6006) was passed that will require utilities to show separate charges for transmission, generation, and distribution on their billing statements beginning October 1, 1998.</p> <p>Companion retail competition bills calling for a five-year phase-in of competition beginning in mid-1999 were introduced in both houses of the legislature in February. The bills would split stranded cost recovery 50/50 between shareholders and ratepayers.</p>

COMPETITION MILESTONES:	N/A
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NOTES/COMMENTS:	<p>Clark Public Utility District, a municipal electric company, was to propose a retail wheeling program for its customers in early 1997. Puget Sound Power & Light has proposed a pilot that would allow customers with over 2.4 MW of load access to competitive suppliers, provided the WUTC approves its proposed merger with Washington Power. All other customers would be phased into the pilot over five years.</p> <p>On December 5, 1996, a steering committee formed by the governors of Idaho, Montana, Oregon, and Washington finalized an electricity restructuring plan. The plan focused primarily on the role of the Bonneville Power Administration in a competitive market and repayment of the Agency's large debt through a "subscription" system. The plan calls for some degree of customer choice by July 1, 1999.</p>
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POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE:			
Fairchild AFB	65,892	\$ 2,120,808	\$32.186
McChord AFB	81,406	\$ 2,159,963	\$26.533
ARMY:			
Fort Lewis	236,235	\$ 7,710,716	\$32.640

WASHINGTON

POTENTIALLY AFFECTED INSTALLATIONS (cont.)

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:			
NRRC Seattle	2,048	\$ 146,104	\$71.340
NRMC Bremerton	10,065	\$ 655,538	\$65.130
Naval Hospital Whidbey Island	3,819	\$ 189,463	\$49.611
NAS Whidbey Island	86,337	\$ 4,269,839	\$49.455
NARU Whidbey Island	1,566	\$ 70,464	\$44.996
NAVUNWARENGSTA Keyport	47,575	\$ 1,927,344	\$40.512
NSB Bremerton	74,447	\$ 2,579,989	\$34.655
NAVSUBASE Bangor Bremerton	20,568	\$ 709,736	\$34.507
SWFPAC Bremerton	29,663	\$ 1,023,326	\$34.498
NSC Puget Sound	8,734	\$ 277,836	\$31.811
NTF Bremerton	20,732	\$ 648,198	\$31.266
Naval Shipyard Puget Sound	234,038	\$ 7,291,793	\$31.156
NISMF Bremerton	1,886	\$ 47,454	\$25.161
TRIREFAC Bremerton	33,597	\$ 799,972	\$23.811
NRS Jim Creek OSO	8,891	\$ 207,798	\$23.372
TOTAL	967,499	\$32,836,341	\$33.939

WEST VIRGINIA

STATUS:	REGULATORY:	The Public Service Commission has initiated a formal investigation into retail competition. Hearings began in April 1997.		
	LEGISLATIVE:	No activity.		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
NAVY:				
Allegheny Ballistics Lab		21,756	\$ 928,680	\$42.686
NRS Sugar Grove		6,120	\$ 240,000	\$39.216
	TOTAL	27,876	\$1,168,680	\$41.924

WISCONSIN

STATUS:	REGULATORY:	<p>In December 1995, the PSC approved a plan to introduce retail competition to the state by 2000, assuming the resolution of several key issues. The plan is comprised of a 32-step process which would phase in competition over five years.</p> <p>The PSC has formed a task force to develop their own proposal for the development of an ISO, following the submission of an ISO structuring plan developed by a coalition of state industry stakeholders.</p>
	LEGISLATIVE:	<p>A joint legislative committee has been established to review retail wheeling issues, including the December 1995 PSC proposal.</p>
COMPETITION MILESTONES:		N/A
NOTES/COMMENTS:		<p>An Indian nation located near Madison has claimed the right to retail wheel the load for its new casino, arguing that it is a sovereign nation not subject to Wisconsin state law.</p>

POTENTIALLY AFFECTED INSTALLATIONS

	Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: General Mitchell Field	4,983	\$ 210,664	\$42.277
ARMY: Fort McCoy	27,625	\$1,092,071	\$39.532
OTHER (DeCA): Fort McCoy	120	\$ 5,913	\$49.275
TOTAL	32,728	\$1,308,648	\$39.986

WYOMING

STATUS:	REGULATORY:	<p>The PSC has begun an investigation into retail competition issues, but it does not have the legal authority to mandate restructuring. Legislative changes will be necessary.</p> <p>The Commission is currently working on the final version of a report on the economic impact of electric restructuring to be presented to an interim legislative committee studying these issues.</p>		
	LEGISLATIVE:	<p>An interim legislative committee has been formed to examine electric competition issues.</p>		
COMPETITION MILESTONES:		N/A		
NOTES/COMMENTS:				
POTENTIALLY AFFECTED INSTALLATIONS				
		Annual Energy Use (MWh)	Annual Electricity Cost	Cost Per MWh
AIR FORCE: F.E. Warren AFB		57,537	\$3,076,226	\$53.465
OTHER (DeCA):		703	\$ 31,476	\$44.774
	TOTAL	58,240	\$3,107,702	\$53.360

FEDERAL LEGISLATION IN THE 105th CONGRESS

BILL	SHORT TITLE	SPONSOR	STATUS
HR 338	The Ratepayer Protection Act	Stearns	In Energy & Power Subcommittee
<p>This bill would prospectively repeal section 210 of PURPA covering purchases from cogeneration and small power production facilities effective January 7, 1997. The bill also provides full recovery of costs associated with such purchases prior to January 7, 1997.</p>			
HR 655	Electric Consumers' Power to Choose Act of 1997	Schaefer	In Energy & Power Subcommittee
<p>This bill requires full retail access for all customers by the end of 2000. If a state does not develop a retail wheeling plan within six months of passage of the bill, FERC will impose their own plan. A two-year extension is available to states who need to make state legislative changes to take further action. Both PUHCA and PURPA would be repealed. Renewable energy resources would be encouraged through a credit trading program.</p>			
HR 1171	Omnibus Corporate Welfare Reduction Act of 1997	Kasich	In several committees including Commerce
<p>This bill would repeal the Rural Electrification Act of 1936, and amend other legislation to eliminate programs and subsidies associated with the Rural Electrification Act. The bill also terminates all fossil energy research and development activities of the Department of Energy including the Clean Coal Technology Program.</p>			
HR 1230	The Consumer Electric Power Act of 1997	DeLay	In Energy & Power Subcommittee
<p>This bill mandates full retail access for all customers by January 1, 1999, and eliminates stranded cost recovery and exit fees. The bill would repeal PURPA and PUHCA once the market is competitive.</p>			
HR 1359	Amendment to Public Utility Regulatory Policies Act of 1978	DeFazio	In Energy & Power Subcommittee
<p>This bill would amend PURPA to provide for the establishment of a National Electric System Public Benefits Fund to be administered by a board of the same name. The fund would provide matching grants to states for the support of conservation, energy efficiency, renewable energy, and universal service programs. The program would be funded by charges (to be determined by the Board) collected by transmission utilities from generators. The charges, which cannot exceed 2 mills per kWh, are intended to provide half of the aggregate cost of carrying out the eligible programs.</p>			

FEDERAL LEGISLATION IN THE 105th CONGRESS

BILL	SHORT TITLE	SPONSOR	STATUS
HR 1960	The Electric Power Competition and Consumer Choice Act of 1997	Markey	In Commerce Committee
<p>This bill grants exemption from PURPA and PUHCA for states that deregulate their electricity industry. No deadline is given for competition, and the bill does not provide a plan for the implementation of retail wheeling or stranded cost recovery. The bill includes a requirement that generators provide credits constituting up to 10% of total sales for the development of renewable energy technology.</p>			
S 237	The Electric Consumers Protection Act of 1997	Bumpers	In Energy & Natural Resources Committee
<p>This bill requires full competition by 2003, and provides for full stranded cost recovery. The bill gives FERC the authority to hear appeals from utilities who have been denied stranded cost recovery by state regulators. An additional provision allows the Tennessee Valley Authority to enter the retail market.</p>			
S 621	The Public Utility Holding Company Act of 1997	D'Amato	Left Banking Committee in June 1997; reported to Senate with amendments and placed on legislative calendar.
<p>This bill would repeal the Public Utility Holding Company Act of 1935 effective 18 months after passage, and enact another bill of the same name in 1997. The legislation is intended to eliminate unnecessary regulation that might prove restrictive in a competitive energy market, while retaining some measures for customer protection, including improved federal and state access to the books and records of all companies in a holding company system.</p>			
S 687	The Electric System Public Benefits Protection Act of 1997	Jeffords	In Energy & Natural Resources Committee
<p>The bill would establish the National Electric System Public Benefits Board which would administer a fund to provide matching grants to states for programs relating to renewable energy, universal electric service, and energy conservation and efficiency. The plan would be funded through a nonbypassable, competitively neutral wires charge paid by transmission operators. In addition, the bill would require a percentage of the total amount of electricity sold by covered generation facilities to come from renewable energy sources. The percentage would increase gradually from 2.5% in 2000 to 20% in 2020. The bill would also repeal the cogeneration and small power production provision of PURPA effective January 1, 2000 and enact nationwide emissions standards.</p>			

FEDERAL LEGISLATION IN THE 105th CONGRESS

BILL	SHORT TITLE	SPONSOR	STATUS
S 722	The Electric Utility Restructuring Empowerment and Competitiveness Act of 1997	Thomas	In Energy & Natural Resources Committee

This bill supports the legal authority of states to create reliability standards, set stranded cost recovery rates, and maintain assistance to low income and rural consumers.

APPENDIX C

ESTIMATED COST SAVINGS

APPENDIX C-1

ESTIMATED COST SAVINGS -- MAIN BASE

17-STATE SUBGROUP

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				FY 1996			Total Cost Savings (\$)		
				MWh	\$	\$/MWh	1997	1998	1999
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	0	0	0
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	0	0	0
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	0	0	0
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	0	0	0
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	0	0	0
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	0	0	0
				290,929	19,959,861	68.66	0	0	0
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	260,835	396,240	642,102
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	33,996	51,644	83,688
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	43,002	65,325	105,858
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	33,531	50,938	82,544
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	493,007	748,937	1,213,644
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	404,504	614,489	995,773
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	7,996	12,147	19,684
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	4,131	6,276	10,170
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	1,476	2,242	3,633
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	5,304	8,057	13,056
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	12,931	19,643	31,832
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	8,707	13,226	21,433
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	8,984	13,647	22,115
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	77,329	117,472	190,361
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	52,224	79,334	128,560
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	521	791	1,282
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	21,917	33,294	53,953
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	303	460	745
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	19,601	29,777	48,253
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	26,054	39,579	64,138
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	45,188	68,646	111,240
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	20,572	31,252	50,643
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	3,175	4,823	7,816
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	436	663	1,074
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	36,627	55,640	90,165
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	10,514	15,972	25,883
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	1,868	2,837	4,598
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	74,166	112,667	182,575
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	92,435	140,419	227,548
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	67,776	102,960	166,845
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	100,696	152,969	247,884
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	21,821	33,148	53,716
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	28,853	43,831	71,027
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	27,142	41,233	66,817
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	4,351	6,610	10,712
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	6,995	10,627	17,220
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	122,895	186,692	302,531
Navy	CA	D63126	PMTTC POINT MUGU MB	64,556	4,163,184	64.49	121,258	184,205	298,502
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	85,775	130,303	211,154
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	102,649	155,936	252,692
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	209,075	317,611	514,684
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	31,483	47,826	77,501
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	88,899	135,049	218,845
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	18,390	27,937	45,271
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	49,592	75,337	122,082
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	280,085	425,482	689,489
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	33,063	50,227	81,392
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	48,287	73,354	118,869
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	206,535	313,751	508,429
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	76,703	116,521	188,821
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	2,583	3,925	6,360
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	151	230	373
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	4,328	6,574	10,653
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	192	292	473
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	34,815	52,889	85,706
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	249,574	379,133	614,380
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	166,248	252,551	409,255
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	85,102	129,280	209,497
				2,175,082	139,964,885	64.46	4,076,647	6,192,914	10,035,545
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	354	21,631	31,523
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	916	55,968	81,563

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	156	9,538	13,900
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	489	29,844	43,492
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	3,677	224,631	327,359
				178,505	11,685,014	65.51	5,592	341,612	497,838
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	0	0	0
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	0	0	0
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	0	0	0
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	0	0	0
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	0	0	0
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	0	0	0
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	0	0	0
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	0	0	0
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	0	0	0
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	0	0	0
				317,802	16,349,891	51.50	0	0	0
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	0	0	0
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	0	0	0
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	0	0	0
				128,585	4,672,999	36.34	0	0	0
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	0	0	0
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	0	0	0
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	0	0	0
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	0	0	0
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	0	0	0
				148,520	11,021,768	74.25	0	0	0
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	0	0	0
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	0	0	0
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	0	0	0
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	0	0	0
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	0	0	0
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	0	0	0
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	0	0	0
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	0	0	0
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	0	0	0
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	0	0	0
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	0	0	0
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	0	0	0
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	0	0	0
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	0	0	0
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	0	0	0
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	0	0	0
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	0	0	0
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	0	0	0
				1,350,082	70,568,929	52.31	0	0	0
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	0	0	0
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	0	0	0
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	0	0	0
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	0	0	0
				41,133	2,954,590	71.99	0	0	0
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	0	0	0
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	0	0	0
				66,465	4,162,198	62.62	0	0	0
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	0	0	0
				70,839	3,213,229	45.36	0	0	0
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	0	1,387	743
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	0	8,738	4,684
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	0	822	440
				70,529	4,592,636	65.12	0	10,946	5,868
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	0	49,449	249,647
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	0	180,095	909,217
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	0	177,376	895,488
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	0	99,275	501,195
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	0	62,628	316,181
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	0	58,023	292,930

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	0	1,396	7,050
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	0	139	702
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	0	131,457	663,668
				381,254	31,373,968	82.35	0	759,838	3,836,077
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	0	0	0
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	0	0	0
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	0	0	0
				131,804	6,942,960	52.70	0	0	0
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	0	555,368	687,038
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	0	150,990	186,787
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	0	369,260	456,806
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	0	992,243	1,227,490
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	0	51,509	63,721
				273,620	20,115,931	73.52	0	2,119,370	2,621,842
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	0	0	0
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	0	0	0
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	0	0	0
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	0	0	0
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	0	0	0
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	0	0	0
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	0	0	0
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	0	0	0
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	0	0	0
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	0	0	0
				340,761	20,543,518	60.31	0	0	0
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	0	34,187	37,155
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	0	40,990	44,549
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	0	319,748	347,508
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	0	82,288	89,432
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	0	544,146	591,387
				96,233	8,326,867	86.64	0	1,021,359	1,110,029
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	0	0	877,375
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	0	0	73,756
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	0	0	31,614
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	0	0	196,568
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	0	0	91,026
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	0	0	23,645
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	0	0	753,712
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	0	0	5,400
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	0	0	8,018
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	0	0	16,625
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	0	0	21,558
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	0	0	74,591
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	0	0	80,758
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	0	0	116,441
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	0	0	309,343
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	0	0	219,306
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	0	0	182,223
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	0	0	128,538
				858,221	28,215,108	32.88	0	0	3,210,496
			TOTAL	6,920,366	404,664,352		4,082,240	10,446,040	21,317,694

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				FY 1996			Total Cost Savings (\$)		
				MWh	\$	\$/MWh	2000	2001	2002
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	0	0	0
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	0	0	0
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	0	0	0
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	0	0	0
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	0	0	0
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	0	0	0
				290,929	19,959,861	68.66	0	0	0
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	527,302	759,051	121,598
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	68,726	98,930	24,699
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	86,932	125,138	15,661
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	67,787	97,579	11,497
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	996,661	1,434,691	389,706
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	817,742	1,177,138	319,343
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	16,164	23,269	6,198
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	8,351	12,022	1,547
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	2,983	4,294	602
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	10,722	15,434	2,081
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	26,141	37,629	10,040
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	17,601	25,337	2,848
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	18,161	26,143	6,990
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	156,327	225,033	41,834
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	105,575	151,976	26,696
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	1,052	1,515	559
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	44,307	63,780	11,407
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	612	881	364
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	39,626	57,042	10,190
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	52,671	75,820	14,173
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	91,351	131,500	24,270
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	41,589	59,867	15,801
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	6,419	9,240	3,392
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	882	1,270	240
Navy	CA	D62271	NPMS MONTEREY MB	16,947	1,257,519	74.20	74,044	106,587	20,552
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	21,255	30,597	5,966
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	3,776	5,435	1,432
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	149,933	215,828	56,292
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	186,865	268,992	53,659
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	137,015	197,233	40,792
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	203,566	293,032	60,651
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	44,113	63,500	13,210
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	58,328	83,964	24,857
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	54,871	78,987	16,423
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	8,797	12,663	2,997
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	14,141	20,357	4,408
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	248,443	357,633	75,448
Navy	CA	D63126	PMTG POINT MUGU MB	64,556	4,163,184	64.49	245,134	352,870	78,290
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	173,403	249,613	34,253
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	207,514	298,716	77,496
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	422,666	608,426	144,059
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	63,645	91,617	21,372
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	179,718	258,704	66,290
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	37,177	53,517	11,377
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	100,256	144,318	34,421
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	566,217	815,069	227,811
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	66,840	96,216	19,068
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	97,617	140,520	27,822
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	417,529	601,032	115,106
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	155,062	223,212	34,830
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	5,223	7,518	1,072
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	306	441	48
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	8,749	12,594	1,993
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	388	559	72
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	70,383	101,316	20,458
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	504,537	726,281	157,282
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	336,086	483,795	84,743
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	172,041	247,653	41,545
				2,175,082	139,964,885	64.46	8,241,325	11,863,373	2,637,831
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	20,412	0	0
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	52,814	0	0

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	9,001	0	0
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	28,162	0	0
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	211,971	0	0
				178,505	11,685,014	65.51	322,360	0	0
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	0	0	0
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	0	0	0
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	0	0	0
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	0	0	0
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	0	0	0
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	0	0	0
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	0	0	0
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	0	0	0
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	0	0	0
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	0	0	0
				317,802	16,349,891	51.50	0	0	0
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	0	0	0
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	0	0	0
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	0	0	0
				128,585	4,672,999	36.34	0	0	0
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	0	0	0
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	0	0	0
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	0	0	0
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	0	0	0
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	0	0	0
				148,520	11,021,768	74.25	0	0	0
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	0	0	0
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	0	0	0
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	0	0	0
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	0	0	0
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	0	0	0
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	0	0	0
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	0	0	0
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	0	0	0
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	0	0	0
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	0	0	0
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	0	0	0
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	0	0	0
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	0	0	0
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	0	0	0
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	0	0	0
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	0	0	0
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	0	0	0
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	0	0	0
				1,350,082	70,568,929	52.31	0	0	0
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	0	0	0
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	0	0	0
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	0	0	0
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	0	0	0
				41,133	2,954,590	71.99	0	0	0
Army	MI	NA	SEFRIDGE SC	27,356	1,771,794	64.77	0	0	0
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	0	0	0
				66,465	4,162,198	62.62	0	0	0
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	0	0	116,051
				70,839	3,213,229	45.36	0	0	116,051
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	339	(836)	(490)
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	2,139	(5,270)	(3,085)
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	201	(496)	(290)
				70,529	4,592,636	65.12	2,680	(6,602)	(3,865)
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	134,042	0	0
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	488,182	0	0
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	480,811	0	0
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	269,104	0	0
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	169,765	0	0
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	157,282	0	0

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	3,785	0	0
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	377	0	0
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	356,341	0	0
				381,254	31,373,968	82.35	2,059,688	0	0
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	0	0	0
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	0	0	0
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	0	0	0
				131,804	6,942,960	52.70	0	0	0
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	814,872	841,368	864,248
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	221,542	228,746	234,966
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	541,802	559,418	574,632
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	1,455,885	1,503,222	1,544,102
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	75,577	78,034	80,157
				273,620	20,115,931	73.52	3,109,678	3,210,789	3,298,104
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	0	0	0
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	0	0	0
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	0	0	0
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	0	0	0
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	0	0	0
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	0	0	0
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	0	0	0
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	0	0	0
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	0	0	0
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	0	0	0
				340,761	20,543,518	60.31	0	0	0
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	39,922	2,055	2,057
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	47,867	3,030	3,033
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	373,389	23,642	23,663
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	96,092	6,093	6,098
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	635,432	42,320	42,357
				96,233	8,326,867	86.64	1,192,701	77,140	77,208
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	1,130,304	1,375,867	1,614,277
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	95,019	115,662	135,704
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	40,728	49,576	58,166
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	253,235	308,251	361,664
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	117,267	142,744	167,478
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	30,461	37,079	43,504
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	970,992	1,181,943	1,386,751
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	6,956	8,467	9,935
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	10,329	12,573	14,752
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	21,417	26,070	30,588
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	27,773	33,807	39,665
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	96,094	116,971	137,240
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	104,039	126,642	148,587
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	150,008	182,598	214,238
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	398,521	485,101	569,159
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	282,527	343,907	403,499
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	234,754	285,755	335,271
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	165,593	201,569	236,497
				858,221	28,215,108	32.88	4,136,017	5,034,582	5,906,975
			TOTAL	6,920,366	404,664,352		19,064,449	20,179,282	12,032,303

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				FY 1996		Total Cost Savings (\$)			
				MWh	\$	\$/MWh	2003	2004	2005
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	0	0	0
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	0	0	0
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	0	0	0
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	0	0	0
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	0	0	0
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	0	0	0
				290,929	19,959,861	68.66	0	0	0
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	154,410	143,882	126,937
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	31,364	29,225	25,783
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	19,888	18,532	16,349
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	14,599	13,604	12,002
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	494,865	461,124	406,318
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	405,514	377,866	333,364
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	7,871	7,334	6,471
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	1,965	1,831	1,615
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	764	712	628
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	2,643	2,462	2,172
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	12,750	11,880	10,481
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	3,616	3,369	2,973
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	8,877	8,271	7,297
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	53,122	49,500	43,671
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	33,900	31,589	27,868
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	710	662	584
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	14,485	13,498	11,908
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	462	431	380
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	12,939	12,057	10,637
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	17,998	16,771	14,796
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	30,818	28,717	25,335
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	20,065	18,697	16,495
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	4,307	4,014	3,541
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	305	284	251
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	26,098	24,319	21,455
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	7,575	7,059	6,227
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	1,819	1,695	1,495
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	71,482	66,608	58,764
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	68,139	63,493	56,015
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	51,799	48,268	42,583
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	77,017	71,766	63,314
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	16,775	15,631	13,791
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	31,564	29,412	25,948
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	20,855	19,433	17,144
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	3,805	3,546	3,128
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	5,598	5,216	4,602
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	95,806	89,274	78,760
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	99,416	92,638	81,728
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	43,496	40,530	35,757
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	98,408	91,698	80,899
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	182,932	170,459	150,384
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	27,139	25,289	22,311
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	84,178	78,439	69,201
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	14,447	13,462	11,876
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	43,710	40,730	35,933
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	289,284	269,560	237,814
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	24,213	22,562	19,905
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	35,330	32,921	29,044
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	146,166	136,200	120,160
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	44,228	41,213	36,359
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	1,361	1,269	1,119
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	60	56	50
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	2,530	2,358	2,080
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	92	86	76
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	25,978	24,207	21,356
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	199,723	186,105	164,188
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	107,611	100,273	88,464
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	52,756	49,159	43,369
				2,175,082	139,964,885	64.46	3,349,627	3,121,243	2,753,654
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	0	0	0
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	0	0	0

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	0	0	0
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	0	0	0
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	0	0	0
				178,505	11,685,014	65.51	0	0	0
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	38,978	76,112	100,323
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	309,210	603,784	795,846
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	15,910	31,068	40,950
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	7,594	14,830	19,547
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	54,874	107,151	141,235
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	5,239	10,230	13,484
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	22,440	43,818	57,756
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	334,194	652,570	860,151
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	68,976	134,687	177,531
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	412,479	805,435	1,061,641
				317,802	16,349,891	51.50	1,269,894	2,479,685	3,268,464
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	0	0	0
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	0	0	0
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	0	0	0
				128,585	4,672,999	36.34	0	0	0
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	0	0	0
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	0	0	0
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	0	0	0
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	0	0	0
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	0	0	0
				148,520	11,021,768	74.25	0	0	0
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	0	0	0
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	0	0	0
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	0	0	0
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	0	0	0
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	0	0	0
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	0	0	0
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	0	0	0
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	0	0	0
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	0	0	0
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	0	0	0
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	0	0	0
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	0	0	0
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	0	0	0
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	0	0	0
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	0	0	0
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	0	0	0
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	0	0	0
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	0	0	0
				1,350,082	70,568,929	52.31	0	0	0
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	0	0	176
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	0	0	725
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	0	0	2,058
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	0	0	5,308
				41,133	2,954,590	71.99	0	0	8,268
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	0	0	0
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	0	0	0
				66,465	4,162,198	62.62	0	0	0
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	357,250	338,110	444,313
				70,839	3,213,229	45.36	357,250	338,110	444,313
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	(590)	581	1,796
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	(3,716)	3,660	11,317
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	(349)	344	1,064
				70,529	4,592,636	65.12	(4,655)	4,584	14,176
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	0	0	0
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	0	0	0
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	0	0	0
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	0	0	0
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	0	0	0
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	0	0	0

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	0	0	0
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	0	0	0
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	0	0	0
				381,254	31,373,968	82.35	0	0	0
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	0	0	0
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	0	0	0
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	0	0	0
				131,804	6,942,960	52.70	0	0	0
Army	NY	NA	U S MILITARY ACADEMY	85,636	5,271,259	61.55	72,448	45,987	56,177
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	20,810	13,209	16,136
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	37,342	23,703	28,956
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	96,536	61,277	74,856
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	4,346	2,759	3,370
				273,620	20,115,931	73.52	231,483	146,934	179,495
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	0	0	0
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	0	0	0
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	0	0	0
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	0	0	0
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	0	0	0
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	0	0	0
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	0	0	0
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	0	0	0
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	0	0	0
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	0	0	0
				340,761	20,543,518	60.31	0	0	0
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	2,068	2,063	2,049
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	3,048	3,041	3,021
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	23,784	23,728	23,569
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	6,129	6,115	6,074
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	42,573	42,473	42,188
				96,233	8,326,867	86.64	77,602	77,419	76,900
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	2,154,172	(309,232)	(340,178)
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	181,090	(27,138)	(29,854)
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	77,620	(11,433)	(12,577)
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	482,623	(65,574)	(72,137)
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	223,491	(43,978)	(48,380)
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	58,053	(11,638)	(12,803)
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	1,850,549	(294,172)	(323,611)
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	13,257	(2,469)	(2,716)
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	19,686	(2,050)	(2,255)
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	40,818	(2,681)	(2,949)
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	52,931	(4,999)	(5,499)
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	183,140	(13,175)	(14,494)
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	198,282	(26,924)	(29,618)
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	285,890	(38,829)	(42,715)
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	759,515	(83,104)	(91,421)
Navy	WA	N00253	NAVUNWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	538,449	(62,276)	(68,508)
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	447,402	(67,611)	(74,377)
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	315,593	(56,129)	(61,747)
				858,221	28,215,108	32.88	7,882,562	(1,123,412)	(1,235,839)
			TOTAL	6,920,366	404,664,352		13,163,764	5,044,564	5,509,431

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				MWh	FY 1996		Total Cost Savings (\$)		
					\$	\$/MWh	2006	2007	2008
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	0	0	113,634
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	0	0	17,068
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	0	0	1,215
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	0	0	65,112
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	0	0	68,929
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	0	0	40,973
				290,929	19,959,861	68.66	0	0	306,930
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	129,143	119,216	119,216
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	26,231	24,215	24,215
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	16,633	15,355	15,355
Navy	CA	N68308	NRRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	12,210	11,272	11,272
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	413,887	382,074	382,074
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	339,157	313,089	313,089
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	6,583	6,077	6,077
Navy	CA	N68350	NRRRC SAN DIEGO TOTAL	1,276	141,836	111.16	1,643	1,517	1,517
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	639	590	590
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	2,210	2,040	2,040
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	10,663	9,844	9,844
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	3,024	2,792	2,792
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	7,424	6,853	6,853
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	44,430	41,015	41,015
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	28,353	26,173	26,173
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	594	548	548
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	12,115	11,184	11,184
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	386	357	357
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	10,822	9,990	9,990
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	15,053	13,896	13,896
Navy	CA	N00244	NCS SAN DIEGO TOTAL	20,012	1,551,449	77.53	25,775	23,794	23,794
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	16,781	15,491	15,491
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	3,603	3,326	3,326
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	255	235	235
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	21,828	20,150	20,150
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	6,336	5,849	5,849
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	1,521	1,404	1,404
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	59,785	55,190	55,190
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	56,989	52,608	52,608
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	43,323	39,993	39,993
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	64,414	59,463	59,463
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	14,030	12,952	12,952
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	26,399	24,370	24,370
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	17,442	16,101	16,101
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	3,183	2,938	2,938
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	4,682	4,322	4,322
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	80,129	73,970	73,970
Navy	CA	D63126	PMTTC POINT MUGU MB	64,556	4,163,184	64.49	83,148	76,757	76,757
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	36,378	33,582	33,582
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	82,304	75,978	75,978
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	152,998	141,238	141,238
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	22,698	20,954	20,954
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	70,403	64,992	64,992
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	12,083	11,154	11,154
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	36,557	33,747	33,747
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	241,947	223,350	223,350
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	20,251	18,694	18,694
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	29,548	27,277	27,277
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	122,248	112,851	112,851
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	36,991	34,148	34,148
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	1,139	1,051	1,051
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	51	47	47
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	2,116	1,954	1,954
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	77	71	71
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	21,727	20,057	20,057
USMC	CA	K00681	MCCB CAMP PENDLETON MB	129,690	8,568,710	66.07	167,041	154,201	154,201
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	90,002	83,084	83,084
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	44,123	40,732	40,732
				2,175,082	139,964,885	64.46	2,801,506	2,586,173	2,586,173
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	885	396	878
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	2,778	1,244	2,755

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	671	301	666
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	2,107	944	2,090
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	15,873	7,111	15,746
				178,505	11,685,014	65.51	22,313	9,996	22,135
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	100,541	122,732	3,841
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	797,575	973,613	37,231
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	41,039	50,097	2,248
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	19,589	23,913	988
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	141,542	172,782	7,151
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	13,513	16,496	683
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	57,882	70,657	1,840
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	862,019	1,052,281	39,495
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	177,916	217,185	5,433
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	1,063,947	1,298,778	46,962
				317,802	16,349,891	51.50	3,275,563	3,998,534	145,871
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	0	0	1,107
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	0	0	27,856
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	0	0	15,270
				128,585	4,672,999	36.34	0	0	44,233
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	0	0	3,090
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	0	0	790
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	0	0	4,297
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	0	0	8,407
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	0	0	1,833
				148,520	11,021,768	74.25	0	0	18,416
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	108,672	105,587	99,417
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	42,368	41,166	38,760
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	204,137	198,342	186,752
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	5,365	5,213	4,908
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	879	854	804
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	21,261	20,658	19,451
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	23,505	22,838	21,503
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	1,389	1,349	1,271
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	1,152	1,119	1,054
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	13,445	13,064	12,300
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	4,433	4,307	4,055
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	3,415	3,318	3,125
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	13,808	13,416	12,632
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	58,075	56,427	53,130
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	7,683	7,465	7,029
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	2,256	2,192	2,064
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	6,790	6,597	6,212
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	14,326	13,919	13,106
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	101,162	98,291	92,547
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	61,425	59,681	56,194
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	66,175	64,296	60,539
				1,350,082	70,568,929	52.31	761,723	740,100	696,853
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	110	49	109
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	451	202	447
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	1,280	573	1,270
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	3,301	1,479	3,275
				41,133	2,954,590	71.99	5,142	2,303	5,100
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	0	0	9,410
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	0	0	13,453
				66,465	4,162,198	62.62	0	0	22,864
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	547,422	647,528	(119,150)
				70,839	3,213,229	45.36	547,422	647,528	(119,150)
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	1,117	500	1,108
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	7,038	3,153	6,981
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	662	296	657
				70,529	4,592,636	65.12	8,816	3,950	8,746
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	0	0	17,495
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	0	0	62,388
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	0	0	68,799
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	0	0	36,438
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	0	0	21,482
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	0	0	18,413

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	0	0	461
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	0	0	35
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	0	0	44,798
				381,254	31,373,968	82.35	0	0	270,309
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	13,599	12,553	12,553
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	36,713	33,891	33,891
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	119,452	110,270	110,270
				131,804	6,942,960	52.70	169,764	156,715	156,715
Army	NY	NA	U S MILITARY ACADEMY	85,636	5,271,259	61.55	54,550	50,611	46,329
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	15,669	14,537	13,308
Army	NY	NA	WATERVLIET ARs	44,140	3,504,816	79.40	28,117	26,087	23,880
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	72,687	67,438	61,733
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	3,272	3,036	2,779
				273,620	20,115,931	73.52	174,296	161,709	148,028
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	36,456	35,421	33,351
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	16,612	16,141	15,197
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	31,429	30,537	28,753
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	44,685	43,416	40,880
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	26,660	25,903	24,390
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	3,459	3,361	3,164
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	17,666	17,165	16,162
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	16,735	16,260	15,309
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	44,740	43,470	40,930
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	16,010	15,555	14,647
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	5,482	5,326	5,015
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	4,156	4,038	3,802
				340,761	20,543,518	60.31	264,090	256,593	241,600
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	2,047	2,037	2,039
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	3,018	3,004	3,007
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	23,551	23,436	23,460
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	6,069	6,040	6,046
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	42,156	41,950	41,992
				96,233	8,326,867	86.64	76,842	76,467	76,544
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	(348,683)	(386,008)	(397,347)
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	(30,600)	(33,876)	(34,871)
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	(12,891)	(14,271)	(14,691)
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	(73,940)	(81,855)	(84,260)
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	(49,589)	(54,897)	(56,510)
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	(13,123)	(14,528)	(14,955)
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	(331,701)	(367,209)	(377,996)
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	(2,784)	(3,082)	(3,172)
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	(2,311)	(2,559)	(2,634)
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	(3,023)	(3,346)	(3,445)
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	(5,637)	(6,240)	(6,424)
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	(14,856)	(16,446)	(16,929)
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	(30,358)	(33,608)	(34,595)
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	(43,783)	(48,469)	(49,893)
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	(93,707)	(103,738)	(106,785)
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	(70,221)	(77,738)	(80,021)
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	(76,237)	(84,397)	(86,877)
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	(63,290)	(70,065)	(72,123)
				858,221	28,215,108	32.88	(1,266,735)	(1,402,334)	(1,443,528)
			TOTAL	6,920,366	404,664,352		6,840,741	7,237,735	3,187,839

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				FY 1996			Total Cost Savings (\$)		2011
				MWh	\$	\$/MWh	2009	2010	
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	108,679	111,480	92,200
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	16,324	16,744	13,848
Navy	AZ	N66080	NSPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	1,162	1,192	986
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	62,273	63,877	52,830
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	65,923	67,622	55,927
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	39,187	40,196	33,244
				290,929	19,959,861	68.66	293,548	301,112	249,035
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	107,786	100,366	86,229
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	21,893	20,386	17,515
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	13,883	12,927	11,106
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	10,191	9,489	8,153
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	345,442	321,662	276,353
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	283,070	263,584	226,456
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	5,494	5,116	4,395
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	1,372	1,277	1,097
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	533	496	427
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	1,845	1,718	1,476
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	8,900	8,287	7,120
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	2,524	2,350	2,019
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	6,196	5,770	4,957
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	37,082	34,529	29,666
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	23,664	22,035	18,931
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	496	461	396
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	10,111	9,415	8,089
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	322	300	258
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	9,032	8,410	7,226
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	12,564	11,699	10,051
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	21,513	20,032	17,210
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	14,006	13,042	11,205
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	3,007	2,800	2,405
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	213	198	170
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	18,218	16,964	14,574
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	5,288	4,924	4,230
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	1,270	1,182	1,016
Navy	CA	P00246	NAS NORTH ISLAND SAN DIEGO TOTAL	46,417	2,546,356	54.86	49,898	46,463	39,919
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	47,564	44,290	38,052
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	36,159	33,670	28,927
Navy	CA	P63406	NAVSUBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	53,762	50,061	43,009
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	11,710	10,904	9,368
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	22,033	20,516	17,627
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	14,558	13,556	11,646
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	2,656	2,473	2,125
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	3,908	3,639	3,126
Navy	CA	N66001	NOSC SAN DIEGO TOTAL	62,212	4,219,380	67.82	66,878	62,274	53,502
Navy	CA	D63126	PMTTC POINT MUGU MB	64,556	4,163,184	64.49	69,398	64,621	55,518
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	30,362	28,272	24,290
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	68,694	63,965	54,955
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	127,696	118,906	102,157
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	18,945	17,641	15,156
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	58,761	54,716	47,008
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	10,085	9,390	8,068
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	30,512	28,411	24,409
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	201,935	188,035	161,548
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	16,902	15,738	13,521
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	24,662	22,964	19,730
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	102,031	95,008	81,625
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	30,874	28,748	24,699
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	950	885	760
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	42	39	34
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	1,766	1,645	1,413
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	64	60	51
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	18,134	16,886	14,507
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	139,417	129,820	111,533
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	75,118	69,947	60,094
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	36,826	34,291	29,461
				2,175,082	139,964,885	64.46	2,338,214	2,177,257	1,870,571
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	1,862	1,359	1,225
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	5,844	4,266	3,844

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	1,412	1,030	928
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	4,434	3,237	2,916
Navy	CT	B00129	NAV SUBBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	33,396	24,380	21,968
				178,505	11,685,014	65.51	46,947	34,273	30,881
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	3,941	3,699	2,628
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	38,205	35,852	25,470
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	2,306	2,164	1,538
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	1,014	951	676
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	7,338	6,886	4,892
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	700	657	467
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	1,888	1,772	1,259
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	40,528	38,032	27,018
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	5,575	5,232	3,717
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	48,190	45,223	32,127
				317,802	16,349,891	51.50	149,685	140,469	99,790
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	1,046	811	328
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	26,318	20,406	8,260
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	14,427	11,186	4,528
				128,585	4,672,999	36.34	41,790	32,403	13,116
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	6,553	4,784	4,311
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	1,676	1,223	1,102
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	9,113	6,653	5,995
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	17,831	13,017	11,729
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	3,888	2,838	2,557
				148,520	11,021,768	74.25	39,061	28,516	25,694
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	97,034	89,742	78,244
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	37,831	34,988	30,505
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	182,274	168,577	146,978
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	4,791	4,431	3,863
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	785	726	633
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	18,984	17,558	15,308
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	20,988	19,411	16,924
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	1,240	1,147	1,000
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	1,028	951	829
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	12,006	11,103	9,681
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	3,958	3,661	3,192
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	3,050	2,820	2,459
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	12,329	11,403	9,942
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	51,856	47,959	41,814
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	6,860	6,345	5,532
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	2,014	1,863	1,624
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	6,063	5,607	4,889
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	12,792	11,830	10,315
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	90,328	83,540	72,837
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	54,847	50,725	44,226
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	59,088	54,648	47,646
				1,350,082	70,568,929	62.31	680,145	629,036	548,440
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	231	168	152
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	949	693	624
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	2,693	1,966	1,771
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	6,946	5,071	4,569
				41,133	2,954,590	71.99	10,818	7,898	7,116
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	8,891	6,894	2,790
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	12,710	9,855	3,989
				66,465	4,162,198	62.62	21,601	16,749	6,779
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	(113,625)	(117,663)	(118,442)
				70,839	3,213,229	45.36	(113,625)	(117,663)	(118,442)
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	2,350	1,715	1,546
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	14,807	10,810	9,740
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	1,392	1,017	916
				70,529	4,592,636	65.12	18,549	13,542	12,202
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	17,075	15,792	13,769
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	60,893	56,317	49,101
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	67,149	62,103	54,146
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	35,564	32,892	28,677
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	20,967	19,391	16,907
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	17,972	16,621	14,492

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	450	416	363
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	34	32	28
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	43,724	40,438	35,257
				381,254	31,373,968	82.35	263,828	244,002	212,740
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	11,350	10,569	9,080
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	30,642	28,533	24,513
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	99,698	92,835	79,758
				131,804	6,942,960	52.70	141,689	131,936	113,351
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	53,523	44,103	35,710
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	15,374	12,668	10,257
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	27,588	22,732	18,406
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	71,318	58,766	47,583
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	3,211	2,646	2,142
				273,620	20,115,931	73.52	171,013	140,914	114,100
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	32,552	30,106	26,248
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	14,833	13,718	11,961
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	28,063	25,955	22,629
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	39,899	36,901	32,173
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	23,805	22,016	19,195
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	3,088	2,856	2,490
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	15,774	14,589	12,720
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	14,942	13,820	12,049
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	39,948	36,947	32,213
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	14,295	13,221	11,527
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	4,895	4,527	3,947
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	3,711	3,432	2,992
				340,761	20,543,518	60.31	235,807	218,087	190,145
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	2,044	2,039	2,019
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	3,014	3,006	2,976
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	23,516	23,454	23,221
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	6,060	6,044	5,984
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	42,093	41,982	41,565
				96,233	8,326,867	86.64	76,727	76,524	75,764
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	(378,921)	(392,386)	(394,985)
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	(33,254)	(34,436)	(34,664)
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	(14,009)	(14,507)	(14,603)
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	(80,352)	(83,208)	(83,759)
Navy	WA	N68438	TRIREFAC BREMERTON TOTAL	33,597	799,972	23.81	(53,890)	(55,805)	(56,174)
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	(14,261)	(14,768)	(14,866)
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	(360,467)	(373,277)	(375,749)
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	(3,025)	(3,133)	(3,153)
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	(2,512)	(2,601)	(2,618)
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	(3,285)	(3,402)	(3,424)
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	(6,126)	(6,343)	(6,385)
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	(16,144)	(16,718)	(16,829)
Navy	WA	P68436	NAVBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	(32,991)	(34,163)	(34,390)
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	(47,579)	(49,270)	(49,597)
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	(101,833)	(105,452)	(106,150)
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	(76,310)	(79,022)	(79,545)
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	(82,848)	(85,792)	(86,360)
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	(68,779)	(71,223)	(71,695)
				858,221	28,215,108	32.88	(1,376,587)	(1,425,506)	(1,434,946)
			TOTAL	6,920,366	404,664,352		3,039,208	2,649,550	2,016,336

DOD Electric Power Cost Savings
Group of 17 - Main Base Only

				FY 1996			Total Cost Savings (\$)	
				MWh	\$	\$/MWh	Total	NPV
Army	AZ	NA	FT HUACHUCA	107,710	7,425,621	68.94	425,993	251,818
Army	AZ	NA	YUMA PG	16,178	707,822	43.75	63,984	37,823
Navy	AZ	N66080	NYPASURSTA MARICOPA TOTAL	1,152	89,168	77.40	4,556	2,693
USAF	AZ	FP4887	LUKE AFB	61,717	4,060,107	65.79	244,001	144,290
USAF	AZ	FP4877	DAVIS MONTHAN AF	65,335	4,789,947	73.31	258,401	152,749
USMC	AZ	K62974	MCAS YUMA MB	38,837	2,887,196	74.34	153,600	90,798
				290,929	19,959,861	68.66	1,150,625	680,170
Army	CA	NA	FT IRWIN	100,266	8,955,336	89.32	3,794,312	3,080,075
Army	CA	NA	SHARPE AD	20,366	1,167,186	57.31	582,510	460,939
Army	CA	NA	SIERRA AD	12,914	1,476,389	114.32	581,942	478,304
Navy	CA	N68308	NRRC SAN FRANCISCO TOTAL	9,480	1,151,240	121.44	446,667	368,156
Navy	CA	P63387	PWC SAN DIEGO MB+SHIP	321,341	16,926,585	52.67	8,760,947	6,896,480
Navy	CA	P00245	NS SAN DIEGO TOTAL	263,321	13,887,957	52.74	7,184,178	5,655,718
Navy	CA	N66022	NRDC SAN DIEGO TOTAL	5,111	274,526	53.71	140,876	111,030
Navy	CA	N68350	NRRC SAN DIEGO TOTAL	1,276	141,836	111.16	56,333	46,239
Navy	CA	N63139	NARU ALAMEDA TOTAL	496	50,664	102.15	20,607	16,844
Navy	CA	N62474	NFEC SAN BRUNO TOTAL	1,716	182,096	106.12	73,261	59,998
Navy	CA	N61690	FTC SAN DIEGO TOTAL	8,279	443,952	53.62	227,985	179,665
Navy	CA	P60036	NWS CONCORD MB+SHIP	2,348	298,928	127.31	114,612	94,669
Navy	CA	N65918	SIMA SAN DIEGO TOTAL	5,764	308,437	53.51	158,539	124,922
Navy	CA	N00259	NMC SAN DIEGO TOTAL	34,495	2,654,954	76.97	1,182,385	952,024
Navy	CA	N62021	NAB CORONADO TOTAL	22,013	1,793,018	81.45	783,052	632,486
Navy	CA	N35723	NDCB LEMOORE TOTAL	461	17,873	38.77	10,718	8,274
Navy	CA	N68094	NRMC CAMP PENDLETON TOTAL	9,406	752,476	80.00	330,647	266,804
Navy	CA	N67030	MB VALLEJO TOTAL	300	10,392	34.64	6,617	5,071
Navy	CA	N63394	NSWSES PORT HUENEME TOTAL	8,402	672,980	80.10	295,591	238,533
Navy	CA	N00948	FAWTC SAN DIEGO TOTAL	11,687	894,527	76.54	399,158	321,290
Navy	CA	N00244	NSC SAN DIEGO TOTAL	20,012	1,551,449	77.53	689,185	555,139
Navy	CA	N64267	FACNWC CORONA TOTAL	13,029	706,320	54.21	360,999	284,681
Navy	CA	N66095	NH LEMOORE TOTAL	2,797	109,014	38.98	65,194	50,347
Navy	CA	N66079	NSPASURSTA CHULA VISTA TOTAL	198	14,981	75.66	6,712	5,399
Navy	CA	D62271	NPGS MONTEREY MB	16,947	1,257,519	74.20	567,372	455,887
Navy	CA	D60042	NAF EL CENTRO MB	4,919	360,988	73.39	163,524	131,310
Navy	CA	N62791	SHIPBUILDING C&R SAN DIEGO TOTAL	1,181	64,126	54.30	32,752	25,830
Navy	CA	P00245	NAS NORTH ISLAND SAN DIEGO TOTAL	46,217	2,546,356	54.86	1,294,760	1,021,787
Navy	CA	D60259	NAS MIRAMAR MB	44,246	3,173,589	71.73	1,449,678	1,162,560
Navy	CA	P62583	NCBC PORT HUENEME MB+SHIP	33,636	2,326,974	69.18	1,077,337	862,155
Navy	CA	P63406	NAVSUBBASE SAN DIEGO TOTAL	50,011	3,457,214	69.13	1,601,066	1,281,221
Navy	CA	N63406	NSB SAN DIEGO TOTAL	10,893	749,179	68.78	347,622	278,094
Navy	CA	D60701	NWS SEAL BEACH MB	20,496	990,609	48.33	533,097	417,386
Navy	CA	N63134	FNOC MONTEREY TOTAL	13,542	931,889	68.81	432,308	345,854
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MB	2,471	149,396	60.46	72,922	57,892
Navy	CA	N39353	ICSTF SAN DIEGO TOTAL	3,635	240,168	66.07	113,162	90,316
Navy	CA	N66001	NOSTC SAN DIEGO TOTAL	62,212	4,219,380	67.82	1,968,206	1,573,261
Navy	CA	D63126	PMTC POINT MUGU MB	64,556	4,163,184	64.49	1,980,240	1,578,173
Navy	CA	N65885	NARF ALAMEDA TOTAL	28,244	2,944,948	104.27	1,190,750	974,327
Navy	CA	N65888	NARF SAN DIEGO TOTAL	63,901	3,524,273	55.15	1,787,881	1,411,410
Navy	CA	D60530	NWC CHINA LAKE MB	118,787	7,178,257	60.43	3,504,529	2,782,092
Navy	CA	N70240	NCS SAN DIEGO TOTAL	17,623	1,080,902	61.33	524,530	416,775
Navy	CA	N00246	NAS NORTH ISLAND TOTAL	54,661	3,052,213	55.84	1,540,196	1,216,808
Navy	CA	N61665	FCTC PAC SAN DIEGO TOTAL	9,381	631,393	67.31	295,387	236,008
Navy	CA	N91285	NIROP SUNNYVALE TOTAL	28,383	1,702,670	59.99	833,763	661,594
USAF	CA	FB4610	VANDENBERG AFB	187,847	9,616,238	51.19	5,040,975	3,961,106
USAF	CA	FP4427	TRAVIS AFB	15,723	1,135,166	72.20	517,287	414,992
USAF	CA	FY7311	ONIZUKA AFB	22,941	1,657,861	72.27	755,222	605,907
USAF	CA	FP2805	EDWARDS AFB	94,913	7,091,018	74.71	3,191,521	2,565,403
USAF	CA	EY7396	LOS ANGELES AFS	28,720	2,633,469	91.70	1,106,555	899,509
USAF	CA	EY7765	PILLAR POINT AFS	884	88,697	100.34	36,265	29,617
USAF	CA	EY1525	ANDERSON PEAK	39	5,199	132.42	1,974	1,634
USAF	CA	FY9749	POINT ARENA AFS	1,643	148,580	90.43	62,706	50,936
USAF	CA	EY9887	SANTA YNEZ PEAK	60	6,596	110.35	2,625	2,154
USMC	CA	K00243	MCRD SAN DIEGO MB	16,869	1,195,328	70.86	548,476	439,538
USMC	CA	K00681	MCB CAMP PENDLETON MB	129,690	8,568,710	66.07	4,037,416	3,222,288
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MB	69,877	5,707,850	81.68	2,490,355	2,011,822
USMC	CA	K62204	MCLB BARSTOW MB	34,257	2,921,830	85.29	1,256,567	1,017,511
				2,175,082	139,964,885	64.46	66,632,052	53,096,245
Navy	CT	N92782	NWIRP BLOOMFIELD TOTAL	7,080	739,904	104.51	80,526	69,799
Navy	CT	N70024	NUSC NEW LONDON TOTAL	22,220	1,914,418	86.16	211,993	182,795

Navy	CT	N61726	NAVSUBMEDCTR NEW LONDON TOTAL	5,367	326,254	60.79	37,602	32,042
Navy	CT	N00750	SUBSCOL GROTON TOTAL	16,858	1,020,833	60.55	117,716	100,294
Navy	CT	B00129	NAV SUBASE NEW LONDON MB+SHIP	126,980	7,683,605	60.51	886,110	754,944
				178,505	11,685,014	65.51	1,333,948	1,139,874
Army	IL	NA	C. M. PRICE SC	8,368	501,847	59.97	452,794	311,727
Army	IL	NA	ROCK ISLAND Ars	81,114	3,981,075	49.08	3,616,786	2,487,603
Army	IL	NA	SAVANNA AD	4,897	204,845	41.83	187,320	128,722
Navy	IL	D65113	PWC GREAT LAKES MB	2,152	97,779	45.44	89,101	61,258
Navy	IL	N00211	NRMC GREAT LAKES TOTAL	15,579	706,502	45.35	643,850	442,646
Navy	IL	N68326	NRDC GREAT LAKES TOTAL	1,487	67,452	45.36	61,470	42,260
Navy	IL	N68330	NRRC GREAT LAKES TOTAL	4,008	288,916	72.08	259,311	178,654
Navy	IL	N00210	NTC GREAT LAKES TOTAL	86,046	4,302,747	50.01	3,906,289	2,686,982
USAF	IL	FP6618	O'HARE ARFF	11,837	888,064	75.02	796,253	548,662
USAF	IL	FP4407	SCOTT AFB	102,314	5,310,664	51.91	4,814,780	3,312,521
				317,802	16,349,891	51.50	14,827,955	10,201,035
Army	IN	NA	NEWPORT AAP	3,217	119,325	37.09	3,291	1,969
Navy	IN	D00164	NWSC CRANE MB	80,978	2,958,118	36.53	82,840	49,575
USAF	IN	FP4654	GRISSOM AFB/ARB	44,390	1,595,556	35.94	45,411	27,176
				128,585	4,672,999	36.34	131,543	78,721
Army	MA	NA	NATICK R & D CENTER	24,917	1,483,317	59.53	18,738	11,022
Navy	MA	N93880	NWIRP BEDFORD TOTAL	6,372	523,060	82.09	4,792	2,819
Navy	MA	N91041	NIROP PITTSFIELD TOTAL	34,651	1,905,772	55.00	26,058	15,327
USAF	MA	FP2835	L G HANSCOM AFB	67,798	6,042,861	89.13	50,984	29,990
USAF	MA	FP6606	WESTOVER ARB	14,782	1,066,758	72.17	11,116	6,539
				148,520	11,021,768	74.25	111,687	65,696
Army	MD	NA	FT DETRICK	140,222	5,672,013	40.45	578,696	357,644
Army	MD	NA	FT MEADE	54,669	12,786,309	233.89	225,619	139,436
Army	MD	NA	ABERDEEN ARMY PG	263,402	14,023,828	53.24	1,087,060	671,821
Navy	MD	N35328	NRTF ANNAPOLIS TOTAL	6,923	436,088	62.99	28,571	17,657
Navy	MD	N63822	EMCAC ANNAPOLIS TOTAL	1,134	115,612	101.95	4,680	2,892
Navy	MD	D00174	NOS INDIAN HEAD MB	27,434	1,690,400	61.62	113,220	69,972
Navy	MD	N00167	NSRDC BETHESDA TOTAL	30,329	2,277,151	75.08	125,168	77,356
Navy	MD	N62640	NSEOD INDIAN HEAD TOTAL	1,792	109,890	61.32	7,396	4,571
Navy	MD	N00162	NRMC ANNAPOLIS TOTAL	1,486	90,012	60.57	6,133	3,790
Navy	MD	N0464A	NEODTC INDIAN HEAD TOTAL	17,349	1,043,920	60.17	71,599	44,250
Navy	MD	N00788	NCS CHELTENHAM TOTAL	5,720	343,976	60.14	23,606	14,589
Navy	MD	N66843	NRC SOLOMONS ISLAND TOTAL	4,407	258,034	58.55	18,188	11,240
Navy	MD	N68336	UNISURUOSHEASCN BETHESDA TOTAL	17,817	1,037,857	58.25	73,531	45,443
Navy	MD	D00161	USNA ANNAPOLIS MB	74,936	4,311,778	57.54	309,261	191,128
Navy	MD	N0431A	AMSORRDRESINS BETHESDA TOTAL	9,914	545,566	55.03	40,915	25,286
Navy	MD	N66098	NH PATUXENT RIVER TOTAL	2,911	151,418	52.02	12,014	7,425
Navy	MD	D0417A	NSF THURMONT MB	8,761	395,849	45.18	36,157	22,345
Navy	MD	D61533	NSRDC ANNAPOLIS MB	18,485	1,156,329	62.55	76,288	47,147
Navy	MD	D00421	NATC PATUXENT RIVER MB	130,532	6,767,973	51.85	538,706	332,929
Navy	MD	N00168	NMC BETHESDA TOTAL	79,258	4,354,464	54.94	327,098	202,152
USAF	MD	FP4425	ANDREWS AFB	85,387	5,249,538	61.48	352,392	217,784
				1,350,082	70,568,929	52.31	4,056,296	2,506,859
Navy	ME	N30316	NASTROGRP DET ALPHA PROSPECT HAR TOT	877	81,561	93.00	995	618
Navy	ME	D63038	NCU EAST MACHIAS MB	3,608	332,689	92.21	4,091	2,541
Navy	ME	D00702	NSGA WINTER HARBOR MB	10,238	827,584	80.83	11,610	7,211
Navy	ME	D60087	NAS BRUNSWICK MB	26,410	1,712,756	64.85	29,949	18,603
				41,133	2,954,590	71.99	46,645	28,973
Army	MI	NA	SELFRIDGE SC	27,356	1,771,794	64.77	27,985	16,748
Army	MI	NA	DETROIT Ars	39,109	2,390,404	61.12	40,009	23,943
				66,465	4,162,198	62.62	67,994	40,690
USAF	MT	FP4626	MALMSTROM AFB	70,839	3,213,229	45.36	1,981,793	1,436,485
				70,839	3,213,229	45.36	1,981,793	1,436,485
Army	NH	NA	COLD REGIONS LAB	8,934	620,664	69.47	11,266	7,428
Navy	NH	D00102	NSY PORTSMOUTH MB	56,301	3,465,829	61.56	70,996	46,810
USAF	NH	FY7743	NEW BOSTON	5,294	506,143	95.60	6,676	4,402
				70,529	4,592,636	65.12	88,938	58,639
Army	NJ	NA	BAYONNE MOT	24,675	2,041,778	82.75	497,269	420,180
Army	NJ	NA	FT DIX	87,995	7,436,173	84.51	1,806,192	1,527,422
Army	NJ	NA	FT MONMOUTH	97,036	7,323,895	75.48	1,805,871	1,520,306
Army	NJ	NA	PICATINNY Ars	51,393	4,099,100	79.76	1,003,144	846,412
Navy	NJ	D68335	NAEC LAKEHURST MB	30,299	2,585,933	85.35	627,321	530,698
Navy	NJ	B60478	NWS COLTS NECK MB+SHIP	25,971	2,395,774	92.25	575,733	488,443

Navy	NJ	N63094	NATTC LAKEHURST TOTAL	650	57,658	88.70	13,921	11,794
USAF	NJ	FY7994	GIBBSBORO AFS	50	5,738	115.20	1,347	1,151
USAF	NJ	FP4484	MCGUIRE AFB	63,185	5,427,919	85.91	1,315,684	1,113,310
				381,254	31,373,968	82.35	7,646,482	6,459,716
Army	NV	NA	HAWTHORNE AAP	10,558	524,579	49.69	69,704	43,143
Navy	NV	D60495	NAS FALLON MB	28,504	1,629,548	57.17	188,183	116,477
USAF	NV	FP4852	NELLIS AFB	92,742	4,788,833	51.64	612,283	378,974
				131,804	6,942,960	52.70	870,170	538,593
Army	NY	NA	U S MILITARY ACADAMY	85,636	5,271,259	61.55	4,222,332	3,499,603
Army	NY	NA	FT HAMILTON	24,598	1,433,115	58.26	1,154,999	956,123
Army	NY	NA	WATERVLIET Ars	44,140	3,504,816	79.40	2,738,728	2,281,388
Army	NY	NA	FT DRUM	114,109	9,417,847	82.53	7,335,137	6,114,366
USAF	NY	FP6670	NIAGARA FALLS	5,137	488,894	95.17	376,558	314,612
				273,620	20,115,931	73.52	15,827,754	13,166,091
Army	PA	NA	NEW CUMBERLAND AD	47,040	2,848,942	60.56	194,134	119,978
Army	PA	NA	CARLISLE BARRACKS	21,435	1,440,437	67.20	88,462	54,671
Army	PA	NA	TOBYHANNA AD	40,554	2,420,454	59.68	167,366	103,435
Army	PA	NA	LETTER KENNY AD	57,658	2,839,192	49.24	237,955	147,060
Army	PA	NA	SCRANTON AAP	34,400	1,876,157	54.54	141,969	87,739
Army	PA	NA	KELLY SUP FAC	4,463	318,812	71.43	18,419	11,383
Army	PA	NA	PHILADELPHIA DCS	22,795	1,700,000	74.58	94,075	58,140
Navy	PA	N31093	DEFENSE DEPOT MECHANICSBURG TOTAL	21,593	1,272,238	58.92	89,114	55,074
Navy	PA	D00104	SPCC MECHANICSBURG MB	57,729	3,412,703	59.12	238,248	147,241
Navy	PA	D00158	NAS WILLOW GROVE MB	20,658	1,457,752	70.57	85,256	52,689
USAF	PA	FP6637	WILLOW GROVE ARS	7,073	580,008	82.00	29,191	18,041
USAF	PA	FP6712	PITTSBURGH IAP	5,363	376,823	70.27	22,132	13,678
				340,761	20,543,518	60.31	1,406,321	869,130
Navy	RI	N68351	NRRC NEWPORT TOTAL	2,564	278,715	108.70	133,781	114,103
Navy	RI	N68086	NRMC NEWPORT TOTAL	3,780	334,181	88.41	166,602	141,032
Navy	RI	D62661	NETC NEWPORT MB	29,494	2,606,822	88.38	1,299,667	1,100,184
Navy	RI	N00124	NWC NEWPORT TOTAL	7,601	670,869	88.26	334,565	283,198
Navy	RI	N66604	NUSC NEWPORT TOTAL	52,794	4,436,280	84.03	2,234,613	1,887,850
				96,233	8,326,867	86.64	4,169,227	3,526,366
Army	WA	NA	FT LEWIS	236,235	7,710,716	32.64	4,204,255	3,916,889
Navy	WA	N68437	NTF BREMERTON TOTAL	20,732	648,198	31.27	342,535	322,350
Navy	WA	N00406	NSC PUGET SOUND TOTAL	8,734	277,836	31.81	148,721	139,376
Navy	WA	D68436	NSB BREMERTON MB	50,095	1,727,517	34.48	977,255	899,992
Navy	WA	N68438	TRIREFFAC BREMERTON TOTAL	33,597	799,972	23.81	322,782	334,317
Navy	WA	N70273	NRS JIM CREEK OSO TOTAL	8,891	207,798	23.37	81,799	85,541
Navy	WA	P00251	NSY PUGET SOUND MB+SHIP	224,730	6,623,918	29.48	3,339,766	3,192,050
Navy	WA	N55639	NISMF BREMERTON TOTAL	1,886	47,454	25.16	20,482	20,680
Navy	WA	N00621	NARU WHIDBEY ISLAND TOTAL	1,566	70,464	45.00	45,818	40,494
Navy	WA	P68328	NRRC SEATTLE TOTAL	2,048	146,104	71.34	109,962	93,469
Navy	WA	N66097	NH WHIDBEY ISLAND TOTAL	3,819	189,463	49.61	128,081	111,986
Navy	WA	N68095	NRMC BREMERTON TOTAL	10,065	655,538	65.13	482,446	412,432
Navy	WA	P68436	NAVSUBASE BANGOR BREMERTON SHIP TOTAL	20,568	709,736	34.51	401,661	369,858
Navy	WA	N63402	SWFPAC BREMERTON TOTAL	29,663	1,023,326	34.50	579,041	533,219
Navy	WA	D00620	NAS WHIDBEY ISLAND MB	63,487	2,718,632	42.82	1,729,448	1,538,024
Navy	WA	N00253	NAVUNDWARENGSTA KEYPORT TOTAL	47,575	1,927,344	40.51	1,194,047	1,070,017
USAF	WA	FB4620	FAIRCHILD AFB	51,651	1,601,447	31.01	840,908	792,994
USAF	WA	FP4479	MCCHORD AFB	42,880	1,129,645	26.34	512,739	508,268
				858,221	28,215,108	32.88	15,461,746	14,381,956
			TOTAL	6,920,366	404,664,352		135,811,175	108,275,240

APPENDIX C-2

**ESTIMATED COST SAVINGS
MILITARY FAMILY HOUSING**

17-STATE SUBGROUP

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				FY 1996		Total Cost Savings (1996\$)			
				MWh	\$	\$/MWh	1997	1998	1999
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	0	0	0
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	0	0	0
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	0	0	0
				46,191	3,131,970	67.804	0	0	0
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.667	38	94	129
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	140	343	471
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	4,563	11,146	15,320
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	5,681	13,876	19,072
USMC	CA	K00681	NWS CAMP PENDLETON MFH	33,134	3,001,978	90.601	58,846	143,736	197,562
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	971	2,371	3,259
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	117	287	394
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	35,696	87,189	119,841
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	5,074	12,394	17,035
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	1,759	4,297	5,906
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	91,194	222,748	306,163
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	935	2,283	3,138
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	6,152	15,027	20,654
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	6,349	15,508	21,316
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.726	9,215	22,508	30,937
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.364	7,617	18,604	25,571
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	15,452	37,742	51,875
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	9,611	23,475	32,266
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	18,943	46,269	63,596
				192,950	14,199,903	73.594	278,352	679,895	934,506
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	4,686	18,291	32,997
				8,363	535,644	64.049	4,686	18,291	32,997
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	0	0	0
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	0	0	0
				55,789	2,457,563	44.051	0	0	0
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	0	0	0
				698	25,372	36.350	0	0	0
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	0	0	0
				9,206	847,210	92.025	0	0	0
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	0	0	0
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	0	0	0
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	0	0	0
				80,966	3,622,191	44.737	0	0	0
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	0	0	0
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	0	0	0
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	0	0	0
				11,135	1,042,890	93.659	0	0	0
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	0	0	0
				14,473	575,514	39.765	0	0	0
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	0	59,855	11
				3,029	385,663	127.324	0	59,855	11
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	0	15,321	70,225
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	0	12,428	56,962
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	0	42,829	196,301
				31,581	2,888,768	91.473	0	70,578	323,488
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	0	0	0
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	0	0	0

				25,502	1,479,447	58.012	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	0	0	0
				5,273	373,504	70.833	0	0	0
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	0	132,491	161,954
				11,258	1,171,267	104.039	0	132,491	161,954
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	0	0	108,503
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	0	0	252,008
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	0	0	84,375
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	0	0	138,492
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	0	0	167,385
				109,276	4,621,233	42.289	0	0	750,763
			TOTAL	605,691	37,358,139		283,039	961,111	2,203,719

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				FY 1996			Total Cost Savings (1996\$)		
				MWh	\$	\$/MWh	2000	2001	2002
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	0	0	0
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	0	0	0
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	0	0	0
				46,191	3,131,970	67.804	0	0	0
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.667	125	158	15
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	457	574	68
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	14,873	18,680	2,353
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	18,517	23,256	3,411
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.601	191,808	240,904	40,183
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	3,165	3,975	664
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	383	481	82
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	116,350	146,131	25,762
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	16,539	20,772	3,958
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	5,734	7,202	1,391
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	297,246	373,330	76,760
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	3,047	3,826	805
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	20,053	25,185	5,336
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	20,695	25,992	5,788
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.726	30,036	37,724	8,418
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.364	24,827	31,181	7,101
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	50,364	63,256	17,020
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	31,326	39,344	10,984
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	61,744	77,548	23,900
				192,950	14,199,903	73.594	907,287	1,139,519	234,000
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	23,637	0	0
				8,363	535,644	64.049	23,637	0	0
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	0	0	0
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	0	0	0
				55,789	2,457,563	44.051	0	0	0
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	0	0	0
				698	25,372	36.350	0	0	0
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	0	0	0
				9,206	847,210	92.025	0	0	0
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	0	0	0
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	0	0	0
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	0	0	0
				80,966	3,622,191	44.737	0	0	0
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	0	0	0
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	0	0	0
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	0	0	0
				11,135	1,042,890	93.659	0	0	0
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	0	0	20,488
				14,473	575,514	39.765	0	0	20,488
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	0	(5,602)	(1)
				3,029	385,663	127.324	0	(5,602)	(1)
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	42,911	0	0
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	34,807	0	0
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	119,950	0	0
				31,581	2,888,768	91.473	197,668	0	0
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	0	0	0
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	0	0	0

				25,502	1,479,447	58.012	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	0	0	0
				5,273	373,504	70.833	0	0	0
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	190,558	(2,634)	(1,542)
				11,258	1,171,267	104.039	190,558	(2,634)	(1,542)
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	201,597	205,091	222,893
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	468,230	476,346	517,692
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	156,768	159,486	173,329
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	257,317	261,778	284,500
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	311,000	316,391	343,853
				109,276	4,621,233	42.289	1,394,912	1,419,091	1,542,268
TOTAL				605,691	37,358,139		2,714,063	2,550,373	1,795,212

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				MWh	FY 1996		Total Cost Savings (1996\$)		
					\$	\$/MWh	2003	2004	2005
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	0	0	0
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	0	0	0
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	0	0	0
				46,191	3,131,970	67.804	0	0	0
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.667	18	17	15
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	86	80	71
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	2,988	2,784	2,456
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	4,332	4,037	3,561
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.601	51,026	47,547	41,948
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	843	786	693
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	105	98	86
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	32,714	30,484	26,894
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	5,027	4,684	4,132
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	1,766	1,646	1,452
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	97,473	90,827	80,130
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	1,023	953	841
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	6,776	6,314	5,570
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	7,350	6,849	6,043
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.726	10,689	9,960	8,787
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.364	9,017	8,402	7,412
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	21,612	20,139	17,767
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	13,948	12,997	11,466
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	30,349	28,280	24,949
				192,950	14,199,903	73.594	297,143	276,883	244,274
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	0	0	1,681
				8,363	535,644	64.049	0	0	1,681
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	150,880	273,797	368,995
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	69,436	126,002	169,813
				55,789	2,457,563	44.051	220,316	399,799	538,808
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	0	0	0
				698	25,372	36.350	0	0	0
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	(608)	598	1,850
				9,206	847,210	92.025	(608)	598	1,850
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	0	0	0
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	0	0	0
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	0	0	0
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	0	0	0
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	0	0	0
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	0	0	0
				80,966	3,622,191	44.737	0	0	0
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	0	0	334
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	0	0	1,796
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	0	0	109
				11,135	1,042,890	93.659	0	0	2,238
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	53,168	72,479	78,439
				14,473	575,514	39.765	53,168	72,479	78,439
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	0	(364)	(0)
				3,029	385,663	127.324	0	(364)	(0)
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	0	0	0
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	0	0	0
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	0	0	0
				31,581	2,888,768	91.473	0	0	0
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	0	0	0
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	0	0	0

				25,502	1,479,447	58.012	0	0	0
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	0	0	0
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	0	0	0
				5,273	373,504	70.833	0	0	0
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	(743)	732	2,263
				11,258	1,171,267	104.039	(743)	732	2,263
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	240,177	(12,184)	(13,404)
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	557,835	(29,911)	(32,904)
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	186,769	(18,641)	(20,506)
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	306,560	(31,877)	(35,067)
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	370,516	(50,430)	(55,477)
				109,276	4,621,233	42.289	1,661,857	(143,043)	(157,358)
TOTAL				605,691	37,358,139		2,231,133	607,084	712,195

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				MWh	FY 1996		Total Cost Savings (1996\$)		
					\$	\$/MWh	2006	2007	2008
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	0	0	12,878
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	0	0	21,578
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	0	0	14,275
				46,191	3,131,970	67.804	0	0	48,732
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MFH	12	1,964	163.667	15	14	14
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	72	67	67
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	2,499	2,307	2,307
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	3,623	3,345	3,345
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.601	42,677	39,396	39,396
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	705	651	651
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	88	81	81
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	27,361	25,258	25,258
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	4,204	3,881	3,881
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	1,477	1,364	1,364
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	81,523	75,257	75,257
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	855	789	789
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	5,667	5,232	5,232
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	6,148	5,675	5,675
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.726	8,940	8,253	8,253
Navy	CA	D62271	NGPS MONTEREY MFH	5,855	388,560	66.364	7,541	6,962	6,962
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	18,076	16,686	16,686
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	11,666	10,769	10,769
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	25,383	23,432	23,432
				192,950	14,199,903	73.594	248,519	229,417	229,417
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	1,045	468	1,037
				8,363	535,644	64.049	1,045	468	1,037
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	362,916	421,314	14,636
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	167,015	193,890	10,971
				55,789	2,457,563	44.051	529,932	615,204	25,607
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	0	0	240
				698	25,372	36.350	0	0	240
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	1,151	516	1,142
				9,206	847,210	92.025	1,151	516	1,142
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	2,225	2,162	2,036
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	425	413	389
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	4,774	4,638	4,367
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	300	291	274
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	11,219	10,900	10,263
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	43,806	42,562	40,075
				80,966	3,622,191	44.737	62,749	60,968	57,405
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	208	93	206
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	1,117	500	1,108
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	68	30	67
				11,135	1,042,890	93.659	1,392	624	1,381
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	96,642	101,525	(24,343)
				14,473	575,514	39.765	96,642	101,525	(24,343)
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	0	(20)	(0)
				3,029	385,663	127.324	0	(20)	(0)
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	0	0	4,187
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	0	0	3,627
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	0	0	14,577
				31,581	2,888,768	91.473	0	0	22,391
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	3,009	2,778	2,778
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	29,838	27,545	27,545

				25,502	1,479,447	58.012	32,847	30,322	30,322
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	3,136	3,047	2,869
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	950	923	869
				5,273	373,504	70.833	4,087	3,971	3,739
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	1,407	630	1,396
				11,258	1,171,267	104.039	1,407	630	1,396
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	(13,739)	(15,209)	(15,656)
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	(33,727)	(37,337)	(38,434)
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	(21,019)	(23,269)	(23,953)
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	(35,944)	(39,791)	(40,960)
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	(56,864)	(62,951)	(64,801)
				109,276	4,621,233	42.289	(161,292)	(178,558)	(183,803)
TOTAL				605,691	37,358,139		818,478	865,067	214,662

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				FY 1996			Total Cost Savings (1996\$)		
				<u>MWh</u>	<u>\$</u>	<u>\$/MWh</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	12,317	12,634	10,449
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	20,637	21,169	17,508
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	13,653	14,005	11,583
				46,191	3,131,970	67.804	46,607	47,808	39,540
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.667	13	12	10
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	60	56	48
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	2,085	1,942	1,668
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	3,024	2,816	2,419
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.601	35,619	33,167	28,495
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	589	548	471
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	73	68	58
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	22,836	21,264	18,269
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	3,509	3,267	2,807
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	1,233	1,148	986
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	68,041	63,357	54,433
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	714	665	571
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	4,730	4,404	3,784
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	5,131	4,778	4,105
Navy	CA	D63126	PMTIC POINT MUGU MFH	6,941	470,087	67.726	7,462	6,948	5,969
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.364	6,294	5,861	5,035
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	15,087	14,048	12,069
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	9,736	9,066	7,789
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	21,185	19,727	16,948
				192,950	14,199,903	73.594	207,421	193,143	165,937
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	2,199	1,606	1,447
				8,363	535,644	64.049	2,199	1,606	1,447
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	15,019	14,094	10,012
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	11,258	10,565	7,505
				55,789	2,457,563	44.051	26,276	24,659	17,518
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	227	176	71
				698	25,372	36.350	227	176	71
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	2,421	1,768	1,593
				9,206	847,210	92.025	2,421	1,768	1,593
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	1,987	1,837	1,602
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	380	351	306
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	4,263	3,942	3,437
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	268	248	216
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	10,017	9,265	8,078
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	39,114	36,175	31,540
				80,966	3,622,191	44.737	56,029	51,818	45,179
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	437	319	287
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	2,350	1,716	1,546
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	142	104	93
				11,135	1,042,890	93.659	2,929	2,138	1,926
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	(23,215)	(24,039)	(24,199)
				14,473	575,514	39.765	(23,215)	(24,039)	(24,199)
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	0	(4)	(0)
				3,029	385,663	127.324	0	(4)	(0)
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	4,087	3,780	3,296
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	3,540	3,274	2,854
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	14,227	13,158	11,472
				31,581	2,888,768	91.473	21,854	20,212	17,622
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	2,511	2,338	2,009
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	24,904	23,190	19,923

				25,502	1,479,447	58.012	27,415	25,528	21,932
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	2,801	2,590	2,258
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	848	785	684
				5,273	373,504	70.833	3,649	3,375	2,942
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	2,961	2,162	1,948
				11,258	1,171,267	104.039	2,961	2,162	1,948
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	(14,930)	(15,461)	(15,563)
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	(36,651)	(37,954)	(38,205)
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	(22,842)	(23,654)	(23,810)
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	(39,061)	(40,449)	(40,717)
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	(61,796)	(63,992)	(64,415)
				109,276	4,621,233	42.289	(175,279)	(181,508)	(182,710)
			TOTAL	605,691	37,358,139		201,494	168,839	110,746

DOD Electric Power Cost Savings
Group of 17 - Military Family Housing Only

				FY 1996			Total Cost Savings (1996\$)	
				MWh	\$	\$/MWh	Total	NPV
USMC	AZ	K62974	MCAS YUMA MFH	12,207	876,354	71.791	48,279	28,539
USAF	AZ	RP4877	DAVIS MONTHAN AF	20,453	1,456,924	71.232	80,893	47,818
USAF	AZ	RP4887	LUKE AFB	13,531	798,692	59.026	53,516	31,635
				46,191	3,131,970	67.804	182,687	107,992
Navy	CA	D00396	NWS SEAL BEACH DET FALLBROOK MF	12	1,964	163.667	690	574
Navy	CA	D60701	NWS SEAL BEACH MFH	56	7,156	127.786	2,660	2,190
USMC	CA	K62204	MCLB BARSTOW MFH	1,940	232,782	119.991	87,970	72,196
Navy	CA	P60036	NWS CONCORD MFH	2,813	289,802	103.022	114,314	93,124
USMC	CA	K00681	MCB CAMP PENDLETON MFH	33,134	3,001,978	90.601	1,232,311	997,214
USAF	CA	RY9749	POINT ARENA AFS	548	49,528	90.444	20,343	16,460
USMC	CA	K00243	MCRD SAN DIEGO MFH	68	5,988	88.059	2,481	2,005
USMC	CA	K67399	MCCOMBATCTR 29 PALMS MFH	21,243	1,820,988	85.722	761,307	614,233
USAF	CA	RY7396	LOS ANGELES AFS	3,264	258,845	79.303	111,163	89,303
Navy	CA	D60259	NAS MIRAMAR MFH	1,147	89,747	78.245	38,727	31,088
Navy	CA	P63387	PWC SAN DIEGO MFH	63,294	4,652,177	73.501	2,053,736	1,642,784
Navy	CA	D60042	NAF EL CENTRO MFH	664	47,683	71.812	21,234	16,962
Navy	CA	D60530	NWC CHINA LAKE MFH	4,400	313,842	71.328	140,116	111,885
Navy	CA	P62583	NCBC PORT HUENEME MFH	4,773	323,893	67.859	147,402	117,361
Navy	CA	D63126	PMTC POINT MUGU MFH	6,941	470,087	67.726	214,098	170,444
Navy	CA	D62271	NPGS MONTEREY MFH	5,855	388,560	66.364	178,387	141,844
USAF	CA	RP4427	TRAVIS AFB	14,034	788,252	56.167	387,880	305,333
USAF	CA	RB4610	VANDENBERG AFB	9,057	490,282	54.132	245,212	192,588
USAF	CA	RP2805	EDWARDS AFB	19,707	966,349	49.036	505,682	394,719
				192,950	14,199,903	73.594	6,265,714	5,012,307
Navy	CT	B00129	NAV SUBASE NEW LONDON MFH	8,363	535,644	64.049	89,096	76,848
				8,363	535,644	64.049	89,096	76,848
USAF	IL	RP4407	SCOTT AFB	31,887	1,683,027	52.782	1,631,662	1,124,678
Navy	IL	D65113	PWC GREAT LAKES MFH	23,902	774,536	32.405	766,456	526,801
				55,789	2,457,563	44.051	2,398,118	1,651,480
Navy	IN	D00164	NWSC CRANE MFH	698	25,372	36.350	714	427
				698	25,372	36.350	714	427
USAF	MA	RP2835	L G HANSCOM AFB	9,206	847,210	92.025	10,431	6,460
				9,206	847,210	92.025	10,431	6,460
Navy	MD	D00174	NOS INDIAN HEAD MFH	2,871	193,704	67.469	11,849	7,323
Navy	MD	D0417A	NSF THURMONT MFH	549	35,587	64.821	2,266	1,400
Navy	MD	D00161	USNA ANNAPOLIS MFH	6,160	372,056	60.399	25,422	15,711
Navy	MD	D61533	NSRDC ANNAPOLIS MFH	387	21,757	56.220	1,597	987
Navy	MD	D00421	NATC PATUXENT RIVER MFH	14,476	744,466	51.428	59,742	36,922
USAF	MD	RP4425	ANDREWS AFB	56,523	2,254,621	39.888	233,272	144,166
				80,966	3,622,191	44.737	334,148	206,509
Navy	ME	D00702	NSGA WINTER HARBOR MFH	1,660	165,216	99.528	1,882	1,169
Navy	ME	D60087	NAS BRUNSWICK MFH	8,935	829,355	92.821	10,132	6,294
Navy	ME	D63038	NCU EAST MACHIAS MFH	540	48,319	89.480	612	380
				11,135	1,042,890	93.659	12,627	7,843
USAF	MT	RP4626	MALMSTROM AFB	14,473	575,514	39.765	326,944	239,435
				14,473	575,514	39.765	326,944	239,435
Navy	NH	D00102	NSY PORTSMOUTH MFH	3,029	385,663	127.324	53,874	50,462
				3,029	385,663	127.324	53,874	50,462
Navy	NJ	D68335	NAEC LAKEHURST MFH	5,906	627,110	106.182	143,807	122,358
Navy	NJ	B60478	NWS COLTS NECK MFH	5,115	508,677	99.448	117,491	99,749
USAF	NJ	RP4484	MCGUIRE AFB	20,560	1,752,981	85.263	412,515	348,261
				31,581	2,888,768	91.473	673,813	570,368
Navy	NV	D60495	NAS FALLON MFH	2,336	237,796	101.796	15,422	9,546
USAF	NV	RP4852	NELLIS AFB	23,166	1,241,651	53.597	152,945	94,665

				25,502	1,479,447	58.012	168,367	104,211
Navy	PA	D00158	NAS WILLOW GROVE MFH	4,047	301,430	74.482	16,702	10,322
Navy	PA	D00104	SPCC MECHANICSBURG MFH	1,226	72,074	58.788	5,060	3,127
				5,273	373,504	70.833	21,762	13,449
Navy	RI	D62661	NETC NEWPORT MFH	11,258	1,171,267	104.039	493,582	433,877
				11,258	1,171,267	104.039	493,582	433,877
Navy	WA	P00251	NSY PUGET SOUND MFH	9,308	667,875	71.753	862,116	722,229
Navy	WA	D00620	NAS WHIDBEY ISLAND MFH	22,850	1,551,207	67.887	1,986,988	1,667,689
USAF	WA	RB4620	FAIRCHILD AFB	14,241	519,361	36.471	583,034	506,112
Navy	WA	D68436	NSB BREMERTON MFH	24,352	852,472	35.006	944,783	822,974
USAF	WA	RP4479	MCCHORD AFB	38,526	1,030,318	26.743	1,028,419	922,571
				109,276	4,621,233	42.289	5,405,340	4,641,575
			TOTAL	605,691	37,358,139		16,437,216	13,123,243

APPENDIX C-3

ESTIMATED COST SAVINGS -- MAIN BASE

31-STATE SUBGROUP

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				MWh	FY 1996	\$/MWh	Total Savings (1996\$)				
					\$		1997	1998	1999	2000	2001
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	0	0	0	0	0
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	0	0	0	0	0
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	0	0	0	0	0
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	0	0	0	0	0
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	0	0	0	0	0
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	0	0	0	0	0
				722,916	34,715,534	48.02	0	0	0	0	0
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	0	0	0	0	0
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	0	0	0	0	0
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	0	0	0	0	0
				74,574	3,963,778	53.15	0	0	0	0	0
Army	CO	NA	PUEBLO AD	776	85,274	109.89	0	0	0	0	0
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	0	0	0	0	0
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	0	0	0	0	0
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	0	0	0	0	0
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	0	0	0	0	0
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	0	0	0	0	0
				324,570	14,496,231	44.66	0	0	0	0	0
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	0	0	0	0	0
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	0	0	0	0	0
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	0	0	0	0	0
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	0	0	0	0	0
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	0	0	0	0	0
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	0	0	0	0	0
				601,394	28,994,072	48.21	0	0	0	0	0
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	0	0	0	0	0
				53,261	2,854,129	53.59	0	0	0	0	0
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	0	0	0	0	0
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	0	0	0	0	0
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	0	0	0	0	0
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	0	0	0	0	0
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	0	0	0	0	0
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	0	0	0	0	0
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	0	0	0	0	0
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	0	0	0	0	0
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	0	0	0	0	0
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	0	0	0	0	0
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	0	0	0	0	0
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	0	0	0	0	0
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	0	0	0	0	0
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	0	0	0	0	0
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	0	0	0	0	0
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	0	0	0	0	0
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	0	0	0	0	0
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	0	0	0	0	0
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	0	0	0	0	0
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	0	0	0	0	0
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	0	0	0	0	0
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	0	0	0	0	0
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	0	0	0	0	0
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	0	0	0	0	0
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	0	0	0	0	0
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	0	0	0	0	0
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	0	0	0	0	0
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	0	0	0	0	0
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	0	0	0	0	0
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	0	0	0	0	0
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	0	0	0	0	0
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	0	0	0	0	0
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	0	0	0	0	0
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	0	0	0	0	0
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	0	0	0	0	0
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	0	0	0	0	0
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	0	0	0	0	0
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	0	0	0	0	0
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	0	0	0	0	0
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	0	0	0	0	0
Navy	FL	B61331	NAVCOASTSYSSEN PANAMA CITY TOTAL	219	7,865	35.91	0	0	0	0	0
				1,347,274	65,245,995	48.43	0	0	0	0	0

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	0	0	0	0	0
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	0	0	0	0	0
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	0	0	0	0	0
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	0	0	0	0	0
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	0	0	0	0	0
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	0	0	0	0	0
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	0	0	0	0	0
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	0	0	0	0	0
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	0	0	0	0	0
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	0	0	0	0	0
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	0	0	0	0	0
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	0	0	0	0	0
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	0	0	0	0	0
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	0	0	0	0	0
Navy	GA	N44466	TRIREFFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	0	0	0	0	0
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	0	0	0	0	0
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	0	0	0	0	0
				1,175,501	52,128,567	44.35	0	0	0	0	0
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	0	0	0	0	0
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	0	0	0	0	0
				51,100	1,566,899	30.66	0	0	0	0	0
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	0	0	0	0	0
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	0	0	0	0	0
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	0	0	0	0	0
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	0	0	0	0	0
				283,579	13,232,277	46.66	0	0	0	0	0
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	0	0	0	0	0
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	0	0	0	0	0
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	0	0	0	0	0
				482,250	19,538,014	40.51	0	0	0	0	0
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	0	0	0	0	0
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	0	0	0	0	0
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	0	0	0	0	0
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	0	0	0	0	0
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	0	0	0	0	0
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	0	0	0	0	0
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	0	0	0	0	0
				341,867	17,677,686	51.71	0	0	0	0	0
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	0	0	0	0	0
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	0	0	0	0	0
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	0	0	0	0	0
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	0	0	0	0	0
				40,909	1,986,912	48.57	0	0	0	0	0
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	0	0	0	0	0
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	0	0	0	0	0
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	0	0	0	0	0
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	0	0	0	0	0
				182,557	10,004,102	54.80	0	0	0	0	0
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	0	0	0	0	0
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	0	0	0	0	0
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	0	0	0	0	0
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	0	0	0	0	0
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	0	0	0	0	0
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	0	0	0	0	0
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	0	0	0	0	0
				228,380	10,387,062	45.48	0	0	0	0	0
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	0	0	0	0	0
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	0	0	0	0	0
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	0	0	0	0	0
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	0	0	0	0	0
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	0	0	0	0	0
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	0	0	0	0	0
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	0	0	0	0	0
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	0	0	0	0	0
				996,095	52,357,710	52.56	0	0	0	0	0
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	0	0	0	0	0
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	0	0	0	0	0
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	0	0	0	0	0
				144,801	6,681,678	46.14	0	0	0	0	0

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	0	0	0	0	0
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	0	0	0	0	0
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	0	0	0	0	0
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	0	0	0	0	0
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	0	0	0	0	0
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	0	0	0	0	0
				319,277	18,900,782	59.20	0	0	0	0	0
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	0	0	0	0	0
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	0	0	0	0	0
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	0	0	0	0	0
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	0	0	0	0	0
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	0	0	0	0	0
				507,754	22,463,170	44.24	0	0	0	0	0
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	0	0	0	0	0
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	0	0	0	0	0
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	0	0	0	0	0
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	0	0	0	0	0
				429,572	16,049,660	37.36	0	0	0	0	0
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	0	0	0	0	0
				2,324	98,897	42.55	0	0	0	0	0
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	0	0	0	0	0
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	0	0	0	0	0
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	0	0	0	0	0
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	0	0	0	0	0
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	0	0	0	0	0
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	0	0	0	0	0
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	0	0	0	0	0
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	0	0	0	0	0
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	0	0	0	0	0
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	0	0	0	0	0
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	0	0	0	0	0
				422,647	17,832,045	42.19	0	0	0	0	0
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	0	0	0	0	0
				53,613	1,592,708	29.71	0	0	0	0	0
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	0	0	0	0	0
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	0	0	0	0	0
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	0	0	0	0	0
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	0	0	0	0	0
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	0	0	0	0	0
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	0	0	0	0	0
				651,021	20,860,813	32.04	0	0	0	0	0
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	0	0	0	0	0
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	0	0	0	0	0
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	0	0	0	0	0
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	0	0	0	0	0
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	0	0	0	0	0
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	0	0	0	0	0
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	0	0	0	0	0
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	0	0	0	0	0
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	0	0	0	0	0
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	0	0	0	0	0
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	0	0	0	0	0
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	0	0	0	0	0
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	0	0	0	0	0
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	0	0	0	0	0
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	0	0	0	0	0
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	0	0	0	0	0
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	0	0	0	0	0
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	0	0	0	0	0
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	0	0	0	0	0
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	0	0	0	0	0
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	0	0	0	0	0
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	0	0	0	0	0
				1,690,623	77,487,401	45.83	0	0	0	0	0
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	0	0	0	0	0
Army	UT	NA	TOOLEY AD	55,582	2,120,292	38.15	0	0	0	0	0
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	0	0	0	0	0
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	0	0	0	0	0
				305,259	11,268,062	36.91	0	0	0	0	0
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	0	0	0	0	0

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	0	0	0	0	0
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	0	0	0	0	0
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	0	0	0	0	0
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	0	0	0	0	0
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	0	0	0	0	0
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	0	0	0	0	0
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	0	0	0	0	0
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	0	0	0	0	0
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	0	0	0	0	0
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	0	0	0	0	0
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	0	0	0	0	0
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	0	0	0	0	0
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	0	0	0	0	0
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	0	0	0	0	0
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	0	0	0	0	0
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	0	0	0	0	0
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	0	0	0	0	0
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	0	0	0	0	0
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	0	0	0	0	0
USMC	VA	M67353	HQBN ARLINGTON TOTAL	8,438	371,044	43.97	0	0	0	0	0
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	0	0	0	0	0
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	0	0	0	0	0
Navy	VA	N45004	MARENVIRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	0	0	0	0	0
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	0	0	0	0	0
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	0	0	0	0	0
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	0	0	0	0	0
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	0	0	0	0	0
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	0	0	0	0	0
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	0	0	0	0	0
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	0	0	0	0	0
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	0	0	0	0	0
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	0	0	0	0	0
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	0	0	0	0	0
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	0	0	0	0	0
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	0	0	0	0	0
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	0	0	0	0	0
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	0	0	0	0	0
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	0	0	0	0	0
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	0	0	0	0	0
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	0	0	0	0	0
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	0	0	0	0	0
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	0	0	0	0	0
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	0	0	0	0	0
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	0	0	0	0	0
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	0	0	0	0	0
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	0	0	0	0	0
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	0	0	0	0	0
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	0	0	0	0	0
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	0	0	0	0	0
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	0	0	0	0	0
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	0	0	0	0	0
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	0	0	0	0	0
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	0	0	0	0	0
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	0	0	0	0	0
				2,076,168	89,754,749	43.23	0	0	0	0	0
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	0	0	0	0	0
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	0	0	0	0	0
				32,608	1,302,735	39.95	0	0	0	0	0
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	0	0	0	0	0
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	0	0	0	0	0
				26,676	1,120,680	42.01	0	0	0	0	0
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	0	0	0	0	0
				51,369	2,854,735	55.57	0	0	0	0	0
				13,619,940	617,417,083	45.33	0	0	0	0	0

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				FY 1996		Total Savings (1996\$)				
				MWh	\$	\$/MWh	2002	2003	2004	2005
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	0	0	0	0
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	0	0	0	0
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	0	0	0	0
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	0	0	0	0
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	0	0	0	0
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	0	0	0	0
				722,916	34,715,534	48.02	0	0	0	0
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	0	0	0	0
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	0	0	0	0
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	0	0	0	0
				74,574	3,963,778	53.15	0	0	0	0
Army	CO	NA	PUEBLO AD	776	85,274	109.89	0	0	0	0
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	0	0	0	0
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	0	0	0	0
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	0	0	0	0
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	0	0	0	0
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	0	0	0	0
				324,570	14,496,231	44.66	0	0	0	0
Navy	DC	N62285	NAOBSERV TOTAL	5,097	380,377	74.63	0	0	0	0
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	0	0	0	0
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	0	0	0	0
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	0	0	0	0
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	0	0	0	0
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	0	0	0	0
				601,394	28,994,072	48.21	0	0	0	0
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	0	0	0	0
				53,261	2,854,129	53.59	0	0	0	0
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	0	0	0	0
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	0	0	0	0
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	0	0	0	0
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	0	0	0	0
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	0	0	0	0
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	0	0	0	0
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	0	0	0	0
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	0	0	0	0
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	0	0	0	0
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	0	0	0	0
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	0	0	0	0
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	0	0	0	0
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	0	0	0	0
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	0	0	0	0
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	0	0	0	0
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	0	0	0	0
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	0	0	0	0
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	0	0	0	0
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	0	0	0	0
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	0	0	0	0
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	0	0	0	0
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	0	0	0	0
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	0	0	0	0
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	0	0	0	0
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	0	0	0	0
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	0	0	0	0
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	0	0	0	0
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	0	0	0	0
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	0	0	0	0
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	0	0	0	0
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	0	0	0	0
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	0	0	0	0
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	0	0	0	0
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	0	0	0	0
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	0	0	0	0
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	0	0	0	0
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	0	0	0	0
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	0	0	0	0
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	0	0	0	0
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	0	0	0	0
Navy	FL	B61331	NAVCOASTSYSCEAN PANAMA CITY TOTAL	219	7,865	35.91	0	0	0	0
				1,347,274	65,245,995	48.43	0	0	0	0

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	0	0	0	0
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	0	0	0	0
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	0	0	0	0
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	0	0	0	0
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	0	0	0	0
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	0	0	0	0
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	0	0	0	0
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	0	0	0	0
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	0	0	0	0
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	0	0	0	0
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	0	0	0	0
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	0	0	0	0
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	0	0	0	0
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	0	0	0	0
Navy	GA	N44466	TRIREFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	0	0	0	0
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	0	0	0	0
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	0	0	0	0
				1,175,501	52,128,567	44.35	0	0	0	0
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	0	0	0	0
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	0	0	0	0
				51,100	1,566,899	30.66	0	0	0	0
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	0	0	0	0
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	0	0	0	0
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	0	0	0	0
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	0	0	0	0
				283,579	13,232,277	46.66	0	0	0	0
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	0	0	0	0
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	0	0	0	0
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	0	0	0	0
				482,250	19,538,014	40.51	0	0	0	0
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	0	0	0	0
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	0	0	0	0
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	0	0	0	0
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	0	0	0	0
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	0	0	0	0
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	0	0	0	0
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	0	0	0	0
				341,867	17,677,686	51.71	0	0	0	0
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	0	0	0	0
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	0	0	0	0
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	0	0	0	0
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	0	0	0	0
				40,909	1,986,912	48.57	0	0	0	0
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	0	0	0	0
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	0	0	0	0
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	0	0	0	0
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	0	0	0	0
				182,557	10,004,102	54.80	0	0	0	0
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	0	0	0	0
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	0	0	0	0
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	0	0	0	0
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	0	0	0	0
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	0	0	0	0
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	0	0	0	0
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	0	0	0	0
				228,380	10,387,062	45.48	0	0	0	0
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	0	0	0	0
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	0	0	0	0
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	0	0	0	0
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	0	0	0	0
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	0	0	0	0
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	0	0	0	0
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	0	0	0	0
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	0	0	0	0
				996,095	52,357,710	52.56	0	0	0	0
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	0	0	0	0
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	0	0	0	0
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	0	0	0	0
				144,801	6,681,678	46.14	0	0	0	0

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	0	0	0	0
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	0	0	0	0
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	0	0	0	0
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	0	0	0	0
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	0	0	0	0
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	0	0	0	0
				319,277	18,900,782	59.20	0	0	0	0
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	0	0	0	0
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	0	0	0	0
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	0	0	0	0
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	0	0	0	0
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	0	0	0	0
				507,754	22,463,170	44.24	0	0	0	0
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	0	0	0	0
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	0	0	0	0
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	0	0	0	0
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	0	0	0	0
				429,572	16,049,660	37.36	0	0	0	0
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	0	0	0	0
				2,324	98,897	42.55	0	0	0	0
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	0	0	0	0
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	0	0	0	0
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	0	0	0	0
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	0	0	0	0
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	0	0	0	0
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	0	0	0	0
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	0	0	0	0
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	0	0	0	0
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	0	0	0	0
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	0	0	0	0
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	0	0	0	0
				422,647	17,832,045	42.19	0	0	0	0
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	0	0	0	0
				53,613	1,592,708	29.71	0	0	0	0
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	0	0	0	0
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	0	0	0	0
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	0	0	0	0
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	0	0	0	0
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	0	0	0	0
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	0	0	0	0
				651,021	20,860,813	32.04	0	0	0	0
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	0	0	0	0
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	0	0	0	0
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	0	0	0	0
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	0	0	0	0
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	0	0	0	0
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	0	0	0	0
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	0	0	0	0
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	0	0	0	0
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	0	0	0	0
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	0	0	0	0
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	0	0	0	0
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	0	0	0	0
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	0	0	0	0
Navy	TX	N91981	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	0	0	0	0
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	0	0	0	0
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	0	0	0	0
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	0	0	0	0
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	0	0	0	0
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	0	0	0	0
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	0	0	0	0
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	0	0	0	0
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	0	0	0	0
				1,690,623	77,487,401	45.83	0	0	0	0
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	0	0	0	0
USAF	UT	NA	TOOELE AD	55,582	2,120,292	38.15	0	0	0	0
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	0	0	0	0
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	0	0	0	0
				305,259	11,268,062	36.91	0	0	0	0
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	0	0	0	0

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	0	0	0	0
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	0	0	0	0
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	0	0	0	0
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	0	0	0	0
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	0	0	0	0
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	0	0	0	0
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	0	0	0	0
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	0	0	0	0
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	0	0	0	0
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	0	0	0	0
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	0	0	0	0
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	0	0	0	0
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	0	0	0	0
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	0	0	0	0
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	0	0	0	0
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	0	0	0	0
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	0	0	0	0
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	0	0	0	0
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	0	0	0	0
USMC	VA	M67353	HQBN ARLINGTON TOTAL	8,438	371,044	43.97	0	0	0	0
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	0	0	0	0
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	0	0	0	0
Navy	VA	N45004	MARENVRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	0	0	0	0
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	0	0	0	0
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	0	0	0	0
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	0	0	0	0
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	0	0	0	0
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	0	0	0	0
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	0	0	0	0
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	0	0	0	0
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	0	0	0	0
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	0	0	0	0
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	0	0	0	0
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	0	0	0	0
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	0	0	0	0
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	0	0	0	0
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	0	0	0	0
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	0	0	0	0
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	0	0	0	0
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	0	0	0	0
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	0	0	0	0
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	0	0	0	0
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	0	0	0	0
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	0	0	0	0
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	0	0	0	0
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	0	0	0	0
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	0	0	0	0
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	0	0	0	0
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	0	0	0	0
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	0	0	0	0
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	0	0	0	0
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	0	0	0	0
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	0	0	0	0
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	0	0	0	0
				2,076,168	89,754,749	43.23	0	0	0	0
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	0	0	0	0
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	0	0	0	0
				32,608	1,302,735	39.95	0	0	0	0
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	0	0	0	0
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	0	0	0	0
				26,676	1,120,680	42.01	0	0	0	0
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	0	0	0	0
				51,369	2,854,735	55.57	0	0	0	0
				13,619,940	617,417,083	45.33	0	0	0	0

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				FY 1996			Total Savings (1996\$)	
				MWh	\$	\$/MWh	2006	2007
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	2,632	2,854
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	1,059,466	1,148,896
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	165,488	179,457
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	84,752	91,906
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	140,890	152,783
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	261,952	284,063
				722,916	34,715,534	48.02	1,715,180	1,859,959
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	385	1,058
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	38,527	105,993
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	66,918	184,103
				74,574	3,963,778	53.15	105,829	291,154
Army	CO	NA	PUEBLO AD	776	85,274	109.89	617	2,839
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	24,896	114,583
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	32,023	147,384
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	21,947	101,010
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	16,702	76,870
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	8,680	39,950
				324,570	14,496,231	44.66	104,865	482,637
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	9,971	19,652
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	5,070	9,992
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	142,496	280,841
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	210,321	414,516
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	122,469	241,371
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	269,712	531,569
				601,394	28,994,072	48.21	760,039	1,497,941
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	119,932	148,479
				53,261	2,854,129	53.59	119,932	148,479
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	1,670	164
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	3,366	330
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	3,012	296
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	95,310	9,354
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	8,460	830
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	1,821	179
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	570	56
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	1,944	191
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	120,972	11,873
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	9,706	953
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	761	75
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	102,157	10,026
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	204,301	20,051
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	4,967	488
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	90,301	8,863
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	4,747	466
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	1,448	142
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	4,139	406
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	2,465	242
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	16,188	1,589
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	25,544	2,507
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	78,023	7,658
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	20,907	2,052
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	34,375	3,374
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	1,988	195
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	31,999	3,141
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	227,564	22,335
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	680	67
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	85,547	8,396
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	101,535	9,965
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	25,039	2,457
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	3,142	308
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	139,037	13,646
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	3,709	364
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	1,131	111
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	17,012	1,670
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	296,499	29,100
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	38,123	3,742
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	3,860	379
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	19,450	1,909
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	221	22
				1,347,274	65,245,995	48.43	1,833,689	179,970

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	637	691
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	14,841	16,094
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	712	772
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	24,850	26,947
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	42,661	46,263
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	142,570	154,604
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	319,188	346,131
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	121,373	131,619
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	371,179	402,510
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	520,187	564,096
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	82,348	89,299
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	139,086	150,826
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	486,246	527,290
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	124,608	135,126
Navy	GA	N44466	TRIREFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	53,502	58,018
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	93,143	101,005
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	38,369	41,607
				1,175,501	52,128,567	44.35	2,575,500	2,792,900
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	6,655	13,117
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	49,935	98,417
				51,100	1,566,899	30.66	56,591	111,534
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	683	1,879
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	65,289	179,621
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	178,881	492,133
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	108,436	298,328
				283,579	13,232,277	46.66	353,289	971,960
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	316,718	624,211
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	7,330	14,447
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	188,113	370,748
				482,250	19,538,014	40.51	512,162	1,009,406
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	993	2,732
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	6,793	18,689
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	5,616	15,451
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	39,759	109,384
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	62,860	172,938
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	277,572	763,650
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	78,384	215,648
				341,867	17,677,686	51.71	471,977	1,298,492
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	1,421	2,800
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	7,147	14,087
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	6,493	12,798
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	37,298	73,510
				40,909	1,986,912	48.57	52,360	103,194
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	27,687	248,379
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	14,605	131,016
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	593	5,322
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	19,708	176,798
				182,557	10,004,102	54.80	62,593	561,515
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	648	702
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	10,078	10,929
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	83,198	90,221
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	64,025	69,430
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	21,746	23,581
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	56,711	61,498
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	276,785	300,148
				228,380	10,387,062	45.48	513,190	556,509
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	10,913	11,834
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	286,654	310,850
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	119,978	130,105
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	46,382	50,298
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	1,217,851	1,320,651
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	589,570	639,336
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	142,270	154,279
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	173,204	187,824
				996,095	52,357,710	52.56	2,586,821	2,805,177
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	43,805	86,333
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	431	850
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	131,842	259,843
				144,801	6,681,678	46.14	176,078	347,027

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	133	613
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	2,185	10,057
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	40,598	186,848
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	27,979	128,772
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	50,905	234,290
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	14,927	68,701
				319,277	18,900,782	59.20	136,728	629,282
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	22,006	43,371
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	9,540	18,801
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	98,563	194,255
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	413,034	814,038
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	45,698	90,065
				507,754	22,463,170	44.24	588,840	1,160,530
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	46,799	128,752
Army	OK	NA	MCALISTER AAP	13,317	447,127	33.58	11,938	32,843
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	300,849	827,689
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	18,037	49,622
				429,572	16,049,660	37.36	377,622	1,038,906
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	3,572	7,040
				2,324	98,897	42.55	3,572	7,040
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	8,313	9,015
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	148,237	160,750
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	36,971	40,092
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	11,312	12,267
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	22,074	23,937
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	80,559	87,359
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	125,478	136,070
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	31,887	34,579
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	100,417	108,893
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	102,018	110,629
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	213,756	231,800
				422,647	17,832,045	42.19	881,022	955,390
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	41,972	82,721
				53,613	1,592,708	29.71	41,972	82,721
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	12,847	13,931
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	11,281	12,233
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	71,444	77,475
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	22,062	23,924
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	1,568	1,700
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	911,462	988,399
				651,021	20,860,813	32.04	1,030,664	1,117,663
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	8,176	16,113
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	292,541	576,561
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	6,137	12,096
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	30,536	60,183
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	77,143	152,038
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	48,628	95,839
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	158,006	311,411
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	116,993	230,578
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	13,408	26,425
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	48,503	95,593
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	138,981	273,914
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	12,205	24,054
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	18,911	37,272
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	206,669	407,318
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	535,636	1,055,670
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	35,897	70,749
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	11,553	22,769
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	58,330	114,961
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	38,006	74,904
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	54,895	108,191
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	56,913	112,168
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	63,158	124,477
				1,690,623	77,487,401	45.83	2,031,223	4,003,284
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	44,443	87,592
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	76,578	150,925
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	273,961	539,942
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	11,982	23,614
				305,259	11,268,062	36.91	406,963	802,073
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	62,875	68,182

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	37,673	40,854
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	141,408	153,345
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	1,243	1,348
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	588	638
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	211,624	229,488
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	118,774	128,799
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	88,932	96,439
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	41,126	44,598
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	7,370	7,993
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	127,577	138,346
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	4,294	4,656
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	329	357
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	3,290	3,567
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	77,212	83,729
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	31,171	33,802
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	172,526	187,089
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	158,397	171,767
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	100,311	108,779
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	78,213	84,815
USMC	VA	M67353	HQBAN ARLINGTON TOTAL	8,438	371,044	43.97	18,332	19,879
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	3,043	3,300
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	9,303	10,088
Navy	VA	N45004	MARENVIROON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	13,967	15,146
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	12,788	13,867
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	17,837	19,343
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	103,894	112,664
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	160,643	174,203
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	433,261	469,833
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	192,520	208,771
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	9,925	10,762
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	1,946	2,110
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	996,140	1,080,225
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	71,898	77,967
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	2,310	2,505
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	7,952	8,623
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	38,342	41,579
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	7,047	7,641
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	7,587	8,227
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	13,635	14,786
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	41,588	45,099
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	5,382	5,836
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	5,841	6,334
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	134,796	146,174
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	38,218	41,444
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	5,817	6,308
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	95,048	103,071
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	11,505	12,476
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	3,581	3,883
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	893	968
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	2,902	3,147
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	39,661	43,009
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	211,468	229,318
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	168,317	182,525
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	82,166	89,101
				2,076,168	89,754,749	43.23	4,434,485	4,808,804
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	1,318	11,824
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	6,833	61,296
				32,608	1,302,735	39.95	8,151	73,120
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	24,344	47,979
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	5,033	9,919
				26,676	1,120,680	42.01	29,377	57,898
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	20,651	95,045
				51,369	2,854,735	55.57	20,651	95,045
				13,619,940	617,417,083	45.33	21,991,364	29,849,611

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				FY 1996			Total Savings (1996\$)	
				MWh	\$	\$/MWh	2008	2009
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	4,219	5,544
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	1,698,370	2,231,841
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	265,285	348,613
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	135,862	178,537
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	225,853	296,796
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	419,920	551,820
				722,916	34,715,534	48.02	2,749,509	3,613,150
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	1,421	1,773
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	142,308	177,566
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	247,179	308,419
				74,574	3,963,778	53.15	390,908	487,757
Army	CO	NA	PUEBLO AD	776	85,274	109.89	3,325	3,747
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	134,177	151,234
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	172,586	194,526
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	118,283	133,319
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	90,014	101,457
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	46,782	52,729
				324,570	14,496,231	44.66	565,166	637,012
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	29,050	38,175
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	14,771	19,411
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	415,157	545,560
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	612,763	805,236
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	356,810	468,887
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	785,799	1,032,624
				601,394	28,994,072	48.21	2,214,350	2,909,893
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	85,703	199,243
				53,261	2,854,129	53.59	85,703	199,243
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	3,824	5,352
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	7,705	10,785
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	6,896	9,652
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	218,187	305,409
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	19,367	27,110
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	4,169	5,836
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	1,304	1,826
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	4,451	6,231
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	276,933	387,640
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	22,219	31,101
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	1,741	2,437
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	233,860	327,347
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	467,693	654,657
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	11,371	15,917
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	206,719	289,357
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	10,867	15,211
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	3,314	4,639
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	9,475	13,263
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	5,643	7,893
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	37,059	51,874
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	58,476	81,853
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	178,613	250,016
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	47,862	66,995
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	78,692	110,150
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	4,550	6,369
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	73,252	102,536
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	520,945	729,198
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	1,556	2,178
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	195,837	274,124
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	232,437	325,356
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	57,319	80,233
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	7,192	10,067
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	318,287	445,525
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	8,492	11,886
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	2,589	3,624
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	38,943	54,511
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	678,754	950,093
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	87,272	122,159
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	8,837	12,370
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	44,525	62,324
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	506	708
				1,347,274	65,245,995	48.43	4,197,731	5,875,817

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	1,022	1,343
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	23,791	31,264
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	1,142	1,500
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	39,835	52,348
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	68,388	89,869
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	228,546	300,334
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	511,673	672,393
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	194,567	255,682
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	595,016	781,914
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	833,882	1,095,811
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	132,008	173,472
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	222,961	292,995
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	779,473	1,024,312
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	199,752	262,496
Navy	GA	N44466	TRIREFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	85,766	112,706
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	149,312	196,212
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	61,507	80,826
				1,175,501	52,128,567	44.35	4,128,641	5,425,476
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	19,390	18,110
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	145,485	135,879
				51,100	1,566,899	30.66	164,876	153,989
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	2,522	3,147
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	241,162	300,910
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	660,745	824,447
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	400,540	499,774
				283,579	13,232,277	46.66	1,304,969	1,628,279
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	922,748	1,212,590
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	21,356	28,065
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	548,062	720,213
				482,250	19,538,014	40.51	1,492,167	1,960,867
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	3,669	4,578
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	25,092	31,309
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	20,745	25,884
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	146,861	183,246
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	232,189	289,715
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	1,025,289	1,279,307
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	289,532	361,264
				341,867	17,677,686	51.71	1,743,376	2,175,302
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	4,139	5,440
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	20,824	27,365
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	18,918	24,861
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	108,667	142,800
				40,909	1,986,912	48.57	152,548	200,465
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	367,169	384,162
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	193,677	202,640
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	7,867	8,231
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	261,354	273,449
				182,557	10,004,102	54.80	830,066	868,483
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	1,038	1,365
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	16,156	21,231
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	133,370	175,263
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	102,636	134,874
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	34,859	45,809
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	90,910	119,465
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	443,698	583,067
				228,380	10,387,062	45.48	822,667	1,081,072
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	17,493	22,988
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	459,519	603,857
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	192,329	252,741
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	74,353	97,708
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	1,952,269	2,565,491
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	945,107	1,241,972
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	228,065	299,702
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	277,653	364,866
				996,095	52,357,710	52.56	4,146,789	5,449,325
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	127,623	167,711
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	1,257	1,652
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	384,116	504,770
				144,801	6,681,678	46.14	512,996	674,132

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	718	809
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	11,777	13,274
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	218,798	246,613
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	150,792	169,961
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	274,353	309,230
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	80,449	90,676
				319,277	18,900,782	59.20	736,887	830,563
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	64,113	84,251
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	27,793	36,524
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	287,161	377,360
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	1,203,362	1,581,347
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	133,140	174,960
				507,754	22,463,170	44.24	1,715,569	2,254,441
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	172,864	215,692
Army	OK	NA	MCALESTER AAP	13,317	447,127	33.58	44,096	55,021
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	1,111,268	1,386,587
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	66,623	83,129
				429,572	16,049,660	37.36	1,394,851	1,740,429
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	10,406	9,719
				2,324	98,897	42.55	10,406	9,719
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	13,326	17,512
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	237,630	312,271
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	59,266	77,882
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	18,133	23,829
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	35,386	46,501
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	129,140	169,704
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	201,147	264,329
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	51,116	67,172
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	160,973	211,536
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	163,539	214,908
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	342,661	450,293
				422,647	17,832,045	42.19	1,412,318	1,855,937
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	122,283	160,693
				53,613	1,592,708	29.71	122,283	160,693
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	20,594	27,063
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	18,084	23,764
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	114,528	150,502
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	35,366	46,475
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	2,513	3,303
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	1,461,114	1,920,060
				651,021	20,860,813	32.04	1,652,200	2,171,167
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	23,820	31,302
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	852,308	1,120,024
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	17,881	23,498
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	88,967	116,912
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	53.28	224,753	295,349
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	141,675	186,176
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	460,347	604,945
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	340,854	447,919
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	39,062	51,332
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	141,312	185,699
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	404,918	532,105
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	35,558	46,727
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	55,097	72,404
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	602,124	791,255
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	1,560,558	2,050,740
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	104,585	137,436
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	33,658	44,230
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	169,943	223,324
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	110,729	145,509
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	159,935	210,172
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	165,814	217,897
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	184,009	241,808
				1,690,623	77,487,401	45.83	5,917,907	7,776,764
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	129,483	120,933
Army	UT	NA	TOOLEE AD	55,582	2,120,292	38.15	223,106	208,374
USAF	UT	FP2027	HILLE AFB	208,200	7,585,478	36.43	798,177	745,471
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	34,908	32,603
				305,259	11,268,062	36.91	1,185,674	1,107,381
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	100,791	132,451

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	60,392	79,362
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	226,684	297,887
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	1,993	2,619
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	943	1,240
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	339,243	445,802
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	190,399	250,205
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	142,562	187,342
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	65,927	86,635
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	11,815	15,526
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	204,511	268,750
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	6,883	9,046
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	527	693
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	5,274	6,930
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	123,774	162,652
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	49,969	65,664
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	276,567	363,439
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	253,917	333,674
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	160,804	211,313
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	125,379	164,762
USMC	VA	M67353	HQBNA ARLINGTON TOTAL	8,438	371,044	43.97	29,387	38,618
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	4,878	6,410
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	14,913	19,597
Navy	VA	N45004	MARENVIROON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	22,389	29,422
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	20,499	26,938
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	28,594	37,575
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	166,547	218,860
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	257,518	338,407
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	694,536	912,695
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	308,618	405,557
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	15,909	20,907
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	3,119	4,099
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	1,596,857	2,098,441
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	115,256	151,459
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	3,703	4,866
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	12,747	16,751
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	61,465	80,771
Navy	VA	N64590	SACLANT TOTAL	3,465	142,524	41.16	11,296	14,844
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	12,162	15,983
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	21,857	28,723
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	66,668	87,609
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	8,627	11,337
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	9,364	12,305
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	216,084	283,958
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	61,265	80,508
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	9,325	12,254
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	152,366	200,225
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	18,442	24,235
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	5,740	7,543
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	1,431	1,881
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	4,652	6,114
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	63,578	83,548
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	338,993	445,473
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	269,820	354,572
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	131,715	173,088
				2,076,168	89,754,749	43.23	7,108,676	9,341,563
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	17,479	18,288
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	90,612	94,806
				32,608	1,302,735	39.95	108,091	113,094
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	70,926	93,204
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	14,664	19,269
				26,676	1,120,680	42.01	85,589	112,473
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	111,298	125,447
				51,369	2,854,735	55.57	111,298	125,447
				13,619,940	617,417,083	45.33	47,064,214	60,939,932

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				FY 1996	Total Savings (1996\$)			
				MWh	\$	\$/MWh	2010	2011
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	6,830	(17)
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	2,749,773	(6,926)
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	429,514	(1,268)
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	219,969	(675)
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	365,671	(1,160)
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	679,878	(2,243)
				722,916	34,715,534	48.02	4,451,635	(12,290)
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	2,114	102
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	211,796	11,075
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	367,874	22,829
				74,574	3,963,778	53.15	581,785	34,006
Army	CO	NA	PUEBLO AD	776	85,274	109.89	5,781	664
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	233,310	38,099
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	300,097	87,864
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	205,674	65,492
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	156,520	55,391
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	81,345	30,321
				324,570	14,496,231	44.66	982,727	277,832
Navy	DC	N62285	NAOBSERV TOTAL	5,097	380,377	74.63	39,427	520
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	20,047	266
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	563,447	8,692
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	831,637	13,368
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	484,259	7,890
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	1,066,479	30,606
				601,394	28,994,072	48.21	3,005,296	61,342
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	310,774	29,720
				53,261	2,854,129	53.59	310,774	29,720
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	6,836	260
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	13,775	524
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	12,329	526
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	390,091	17,507
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	34,627	1,873
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	7,454	462
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	2,332	155
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	7,958	530
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	495,122	33,893
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	39,725	2,781
Navy	FL	N65492	NRMC ORLANDO TOTAL	533	27,060	50.77	3,113	228
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	418,112	31,309
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	836,177	62,659
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	20,330	1,537
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	369,588	28,692
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	19,429	1,519
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	5,925	464
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	16,940	1,326
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	10,089	790
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	66,257	5,190
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	104,548	8,191
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	319,338	25,019
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	85,570	6,722
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	140,692	11,069
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	8,135	640
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	130,966	10,337
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	931,386	73,904
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	2,782	221
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	350,132	28,452
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	415,568	34,055
Navy	FL	N65889	NARF PENSACOLA TOTAL	19,638	890,916	45.37	102,479	8,405
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	12,858	1,056
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	569,058	46,893
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	15,182	1,254
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	4,629	383
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	69,626	5,775
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	1,213,529	100,788
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	156,031	13,066
Navy	FL	N0463A	NAVXIDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	15,800	1,336
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	79,605	6,749
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	905	94
				1,347,274	65,245,995	48.43	7,505,026	576,633

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	1,654	(3)
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	38,519	(82)
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	1,848	(4)
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	64,496	(155)
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	110,725	(274)
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	370,031	(971)
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	828,432	(2,179)
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	315,017	(863)
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	963,369	(2,687)
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	1,350,110	(3,832)
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	213,729	(629)
USMC	GA	K67004	MCCLB ALBANY MB	64,452	2,815,126	43.68	360,989	(1,096)
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	1,262,019	(3,877)
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	323,412	(1,341)
Navy	GA	N44466	TRIREFFAC KINGS BAY TOTAL	33,880	1,082,892	31.96	138,861	(576)
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,223	31.96	241,746	(1,003)
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	99,583	(413)
				1,175,501	52,128,567	44.35	6,684,540	(19,984)
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	24,023	(6,770)
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	180,246	(78,669)
				51,100	1,566,899	30.66	204,269	(85,439)
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	3,754	106
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	358,919	18,918
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	983,380	68,468
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	596,119	41,819
				283,579	13,232,277	46.66	1,942,171	129,312
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	1,252,346	25,783
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	28,985	823
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	743,826	22,583
				482,250	19,538,014	40.51	2,025,156	49,189
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	5,460	219
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	37,344	1,539
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	30,874	1,571
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	218,571	11,524
Navy	LA	D00205	NSA NEW ORLEANS MB	104,164	2,354,379	58.82	345,565	18,315
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	1,525,926	88,037
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	430,907	34,686
				341,867	17,677,686	51.71	2,594,647	155,891
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	6,702	(335)
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	33,715	(2,381)
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	30,630	(2,662)
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	175,938	(17,530)
				40,909	1,986,912	48.57	246,986	(22,909)
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	496,133	22,594
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	261,704	13,506
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	10,630	561
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	353,151	20,662
				182,557	10,004,102	54.80	1,121,618	57,323
Navy	MS	N66084	NSPASURSTA HILLANDALE TOTAL	182	13,111	72.04	1,681	(3)
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	26,158	(57)
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	215,935	(532)
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	166,174	(417)
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	56,439	(161)
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	147,189	(437)
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	718,376	(2,276)
				228,380	10,387,062	45.48	1,331,952	(3,882)
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	28,323	(53)
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	743,991	(1,460)
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	311,394	(643)
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	120,382	(250)
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	3,160,851	(7,724)
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	1,530,191	(4,102)
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	369,253	(1,043)
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	449,539	(1,659)
				996,095	52,357,710	52.56	6,713,923	(16,934)
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	206,630	(5,649)
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	2,035	(144)
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	621,909	(75,296)
				144,801	6,681,678	46.14	830,575	(81,089)

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	1,249	156
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	20,478	3,079
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	380,453	73,785
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	262,201	53,384
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	477,053	98,733
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	139,887	44,166
				319,277	18,900,782	59.20	1,281,320	273,301
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	87,014	1,047
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	37,721	499
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	389,732	6,312
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	1,633,192	39,227
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	180,696	4,706
				507,754	22,463,170	44.24	2,328,355	51,791
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	257,272	20,688
Army	OK	NA	MCALISTER AAP	13,317	447,127	33.58	65,627	6,073
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	1,653,888	158,008
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	99,155	11,116
				429,572	16,049,660	37.36	2,075,942	195,885
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	12,893	(3,886)
				2,324	98,897	42.55	12,893	(3,886)
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	21,576	(48)
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	384,739	(993)
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	95,955	(251)
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	29,359	(83)
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	57,292	(168)
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	209,087	(616)
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	325,670	(982)
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	82,761	(257)
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	260,626	(861)
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	264,781	(911)
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	554,791	(2,015)
				422,647	17,832,045	42.19	2,286,635	(7,185)
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	197,984	(30,023)
				53,613	1,592,708	29.71	197,984	(30,023)
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	33,343	(55)
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	29,279	(78)
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	185,428	(533)
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	57,261	(166)
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	4,069	(12)
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	2,365,639	(10,224)
				651,021	20,860,813	32.04	2,675,020	(11,067)
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	32,328	2,048
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	1,156,745	74,445
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	24,268	1,648
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	120,745	9,866
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	305,032	25,425
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	192,280	16,184
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	624,779	53,898
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	462,605	41,412
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	53,015	5,106
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	191,787	18,834
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	549,551	55,379
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	48,259	4,909
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	74,777	7,984
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	817,197	88,731
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	2,117,976	231,638
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	141,942	15,952
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	45,680	5,400
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	230,645	27,373
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	150,280	18,495
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	217,063	26,805
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	225,041	27,791
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	249,736	33,579
				1,690,623	77,487,401	45.83	8,031,731	792,902
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	160,420	(52,110)
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	276,412	(92,933)
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	988,882	(348,111)
Navy	UT	N63319	NSSFO MAGNA TOTAL	10,311	331,747	32.17	43,248	(17,240)
				305,259	11,268,062	36.91	1,468,962	(510,393)
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	163,188	(241)

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	97,779	(200)
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	367,016	(860)
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	3,227	(8)
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	1,527	(4)
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	549,257	(1,407)
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	308,269	(803)
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	230,817	(612)
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	106,740	(287)
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	19,129	(52)
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	331,117	(926)
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	11,145	(31)
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	854	(2)
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	8,538	(25)
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	200,397	(597)
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	80,902	(242)
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	447,780	(1,339)
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	411,108	(1,232)
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	260,352	(782)
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	202,997	(609)
USMC	VA	M67353	HQBNA ARLINGTON TOTAL	8,438	371,044	43.97	47,580	(143)
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	7,897	(24)
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	24,145	(73)
Navy	VA	N45004	MARENVIROUN SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	36,250	(110)
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	33,189	(101)
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	46,295	(142)
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	269,650	(830)
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	416,939	(1,286)
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	1,124,500	(3,488)
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	499,673	(1,552)
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	25,758	(81)
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	5,050	(16)
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	2,585,415	(8,235)
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	186,607	(595)
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	5,995	(19)
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	20,638	(66)
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	99,515	(319)
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	18,289	(59)
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	19,692	(63)
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	35,388	(114)
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	107,939	(348)
Navy	VA	N62753	NAVENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	13,968	(45)
Navy	VA	N68057	NAFDA NORFOLK TOTAL	2,878	118,231	41.08	15,161	(49)
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	349,855	(1,129)
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	99,191	(320)
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	15,098	(49)
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	246,690	(800)
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	29,859	(97)
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	9,293	(30)
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	2,317	(8)
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	7,533	(25)
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	102,937	(338)
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	548,852	(1,996)
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	436,856	(1,618)
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	213,256	(867)
				2,076,168	89,754,749	43.23	11,509,413	(35,295)
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	23,619	1,565
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	122,438	8,674
				32,608	1,302,735	39.95	146,057	10,239
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	96,260	2,219
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	19,901	502
				26,676	1,120,680	42.01	116,161	2,721
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	193,528	43,972
				51,369	2,854,735	55.57	193,528	43,972
				13,619,940	617,417,083	45.33	72,857,081	1,901,684

DOD Electric Power Cost Savings
Group of 31 - Main Base Only

				FY 1996		Total Savings (1996\$)		
				MWh	\$	\$/MWh	Total	NPV
Navy	AL	N66085	NSPASURSTA WETUMPKA TOTAL	999	53,264	53.32	22,061	13,531
Army	AL	NA	REDSTONE Ars	407,407	21,443,769	52.63	8,881,420	5,447,301
USAF	AL	FP3300	MAXWELL AFB	74,563	3,349,511	44.92	1,387,090	850,764
USAF	AL	FG4444	GUNTER AFB	39,723	1,715,400	43.18	710,350	435,691
Army	AL	NA	ANNISTION AD	68,258	2,851,644	41.78	1,180,833	724,262
Army	AL	NA	FT RUCKER	131,966	5,301,946	40.18	2,195,389	1,346,544
				722,916	34,715,534	48.02	14,377,144	8,818,092
Navy	AR	N66083	NSPASURSTA LEWISVILLE TOTAL	224	14,406	64.31	6,853	4,177
Army	AR	NA	PINE BLUFF Ars	24,287	1,442,995	59.41	687,265	418,862
USAF	AR	FP4460	LITTLE ROCK AFB	50,063	2,506,377	50.06	1,197,321	729,527
				74,574	3,963,778	53.15	1,891,439	1,152,565
Army	CO	NA	PUEBLO AD	776	85,274	109.89	16,973	10,295
USAF	CO	FP4500	PETERSON AFB	44,509	3,441,565	77.32	696,299	421,770
Army	CO	NA	FT CARSON	102,645	4,426,741	43.13	934,479	564,081
USAF	CO	FB7000	USAF ACADEMY	76,510	3,033,897	39.65	645,726	389,525
USAF	CO	FY1623	FALCON AFB	64,710	2,308,825	35.68	496,955	299,515
USAF	CO	FB2510	CHEYENNE MTN AFB	35,421	1,199,929	33.88	259,807	156,513
				324,570	14,496,231	44.66	3,050,240	1,841,700
Navy	DC	N62285	NAVOBSERV TOTAL	5,097	380,377	74.63	136,795	83,630
Navy	DC	N68306	NRRC WASHINGTON TOTAL	2,605	193,407	74.24	69,556	42,523
Navy	DC	N00171	ND WASHINGTON DC TOTAL	85,214	5,435,944	63.79	1,956,192	1,195,852
Army	DC	NA	WALTER REED AMC	131,063	8,023,346	61.22	2,887,841	1,765,353
USAF	DC	FP4200	BOLLING AFB	77,355	4,671,970	60.40	1,681,687	1,028,018
Navy	DC	D00173	NRL WASHINGTON MB	300,060	10,289,028	34.29	3,716,790	2,271,340
				601,394	28,994,072	48.21	10,448,861	6,386,716
USAF	DE	FP4497	DOVER AFB	53,261	2,854,129	53.59	893,851	546,628
				53,261	2,854,129	53.59	893,851	546,628
Navy	FL	N63425	NCU KEY WEST TOTAL	607	59,434	97.91	18,107	10,930
Navy	FL	N00267	NRMC KEY WEST TOTAL	1,224	119,755	97.84	36,484	22,023
Navy	FL	N39142	NRTF SADDLEBUNCH KEYS TOTAL	1,228	107,182	87.28	32,710	19,742
Navy	FL	D00213	NAS KEY WEST MB	40,905	3,391,314	82.91	1,035,860	625,154
Navy	FL	N68358	NRRC JACKSONVILLE TOTAL	4,376	301,032	68.79	92,268	55,669
Navy	FL	N62701	NSWC FORT LAUDERDALE TOTAL	1,080	64,800	60.00	19,921	12,016
Navy	FL	N32575	NCB MAYPORT TOTAL	363	20,271	55.84	6,242	3,765
Navy	FL	N32779	SIMA NAS MAYPORT TOTAL	1,239	69,186	55.84	21,306	12,850
USAF	FL	FP4814	MACDILL AFB	79,189	4,304,413	54.36	1,326,433	799,955
Navy	FL	N61339	NTEC ORLANDO TOTAL	6,497	345,352	53.16	106,484	64,216
Navy	FL	N65492	NRMC ORLANDO TOTAL	593	27,060	50.77	8,354	5,037
Navy	FL	D00207	NAS JACKSONVILLE MB	73,151	3,634,915	49.69	1,122,810	677,024
Navy	FL	B60201	NS MAYPORT TOTAL	146,400	7,269,418	49.65	2,245,538	1,353,997
Navy	FL	N0610A	NAVDIVESALVTRACEN PANAMA CITY TOTAL	3,591	176,742	49.22	54,609	32,927
USAF	FL	FP2829	PATRICK AFB	67,038	3,213,066	47.93	993,520	599,017
Navy	FL	N63099	NARU JACKSONVILLE TOTAL	3,548	168,910	47.61	52,239	31,496
Navy	FL	N62670	SUPSHIP JACKSONVILLE TOTAL	1,083	51,512	47.56	15,932	9,605
Navy	FL	N68836	NSC JACKSONVILLE TOTAL	3,099	147,271	47.52	45,549	27,462
Navy	FL	N10151	FTC MAYPORT TOTAL	1,846	87,706	47.51	27,127	16,355
Navy	FL	N68560	NARDAC JACKSONVILLE TOTAL	12,127	576,014	47.50	178,157	107,413
Navy	FL	N00232	NRMC JACKSONVILLE TOTAL	19,137	908,904	47.49	281,119	169,490
Navy	FL	N65886	NARF JACKSONVILLE TOTAL	58,455	2,776,214	47.49	858,667	517,700
Navy	FL	N68322	NETPDC ELLYSON FIELD PENSACOLA TOTAL	15,706	743,919	47.37	230,108	138,734
Navy	FL	D60508	NAS WHITING FIELD MB	25,861	1,223,123	47.30	378,351	228,110
Navy	FL	N68734	NAVCOMSTA JACKSONVILLE TOTAL	1,496	70,720	47.27	21,876	13,189
Navy	FL	D61331	NCSC PANAMA CITY MB	24,151	1,138,573	47.14	352,230	212,360
USAF	FL	EY815F	CAPE CANAVERAL	172,672	8,097,132	46.89	2,505,331	1,510,449
Navy	FL	N68860	NSC PENSACOLA TOTAL	517	24,182	46.77	7,483	4,511
USAF	FL	FP4417	HURLBURT FLD	66,477	3,043,920	45.79	942,488	568,188
USAF	FL	FP2586	TYNDALL AFB	79,567	3,612,803	45.41	1,118,916	674,536
Navy	FL	N65889	NAVF PENSACOLA TOTAL	19,638	890,916	45.37	275,932	166,344
Navy	FL	N66452	NAVAEROMEDRSCHLAB PENSACOLA TOTAL	2,468	111,783	45.29	34,623	20,872
Navy	FL	N68142	NAS PENSACOLA TOTAL	109,562	4,947,185	45.15	1,532,446	923,819
Navy	FL	N0751A	NAMI NAS PENSACOLA TOTAL	2,930	131,986	45.05	40,887	24,648
Navy	FL	N68441	NRDC PENSACOLA TOTAL	896	40,239	44.91	12,467	7,515
Navy	FL	B00204	PWC PENSACOLA MB+SHIP	13,492	605,302	44.86	187,536	113,053
USAF	FL	FP2823	EGLIN AFB	235,487	10,549,982	44.80	3,268,764	1,970,503
Navy	FL	N63082	NTTC PENSACOLA TOTAL	30,529	1,356,475	44.43	420,392	253,419
Navy	FL	N0463A	NAVXDIVINGV PANAMA CITY TOTAL	3,121	137,360	44.01	42,583	25,669
Navy	FL	N00203	NARMC PENSACOLA TOTAL	15,769	692,059	43.89	214,562	129,338
Navy	FL	B61331	NAVCOASTSYSCEN PANAMA CITY TOTAL	219	7,865	35.91	2,455	1,479
				1,347,274	65,245,995	48.43	20,168,866	12,160,583

Navy	GA	N66087	NSPASURSTA SAVANNAH TOTAL	164	12,901	78.66	5,345	3,278
Navy	GA	D62741	NSCS ATHENS MB	4,840	300,389	62.06	124,428	76,315
Navy	GA	N66086	NSPASURSTA HAWKINSVILLE TOTAL	234	14,415	61.60	5,971	3,662
Navy	GA	D00196	NAS ATLANTA MB	9,117	502,966	55.17	208,322	127,771
USAF	GA	FP6703	DOBBINS ARB	16,097	863,475	53.64	357,633	219,349
Army	GA	NA	FT MCPHERSON	57,119	2,885,639	50.52	1,195,113	733,009
Army	GA	NA	FT GORDON	128,177	6,460,423	50.40	2,675,637	1,641,072
Army	GA	NA	HUNTER AAF	50,750	2,456,620	48.41	1,017,395	624,010
Army	GA	NA	FT STEWART	158,054	7,512,719	47.53	3,111,301	1,908,290
Army	GA	NA	FT BENNING	225,399	10,528,667	46.71	4,360,253	2,674,328
USAF	GA	FP4830	MOODY AFB	37,002	1,666,738	45.04	690,226	423,346
USMC	GA	K67004	MCLB ALBANY MB	64,452	2,815,126	43.68	1,165,761	715,015
USAF	GA	FP2065	ROBINS AFB	228,030	9,841,697	43.16	4,075,463	2,499,671
Navy	GA	B42237	NAVSUBASE KINGS BAY MB+SHIP	78,884	2,522,089	31.97	1,044,054	640,387
Navy	GA	N44466	TRIRIFFAC KINGS BAY TOTAL	33,880	1,082,823	31.96	448,278	274,958
Navy	GA	N68733	SWFATLANT KINGSBURY TOTAL	58,992	1,885,292	31.96	780,414	478,679
Navy	GA	N68701	TRITRAFAC KINGS BAY TOTAL	24,310	776,588	31.95	321,479	197,184
				1,175,501	52,128,567	44.35	21,587,074	13,240,327
Navy	ID	N62182	NSRDC BAYVIEW TOTAL	4,049	184,277	45.51	74,526	46,118
USAF	ID	FP4897	MT HOME AFB	47,051	1,382,622	29.39	531,293	330,544
				51,100	1,566,899	30.66	605,819	376,662
Navy	KS	N30924	NARC OLATHE TOTAL	232	25,576	110.24	12,091	7,374
USAF	KS	FP4621	MCCONNELL AFB	41,488	2,445,361	58.94	1,164,819	709,904
Army	KS	NA	FT RILEY	150,150	6,699,902	44.62	3,208,054	1,954,262
Army	KS	NA	FT LEAVENWORTH	91,709	4,061,438	44.29	1,945,016	1,184,836
				283,579	13,232,277	46.66	6,329,980	3,856,376
Army	KY	NA	FT CAMPBELL	252,775	12,082,205	47.80	4,354,396	2,661,550
Army	KY	NA	BLUE GRASS AD	8,070	279,634	34.65	101,006	61,725
Army	KY	NA	FT KNOX	221,405	7,176,175	32.41	2,593,545	1,584,853
				482,250	19,538,014	40.51	7,048,947	4,308,128
USMC	LA	M67021	MAW 4 NEW ORLEANS TOTAL	480	37,200	77.50	17,651	10,761
USMC	LA	M68479	FOURTH MARDIV NEW ORLEANS TOTAL	3,375	254,430	75.39	120,765	73,624
Navy	LA	N68307	NRRC NEW ORLEANS TOTAL	3,445	210,351	61.06	100,142	61,035
Navy	LA	D00206	NAS NEW ORLEANS MB	25,273	1,489,155	58.92	709,345	432,313
Navy	LA	D00205	NSA NEW ORLEANS MB	40,164	2,354,379	58.62	1,121,581	683,547
Army	LA	NA	FT POLK	193,064	10,396,343	53.85	4,959,782	3,022,350
USAF	LA	FP4608	BARKSDALE AFB	76,066	2,935,828	38.60	1,410,420	858,938
				341,867	17,677,686	51.71	8,439,686	5,142,569
Navy	MN	N30315	NASTROGRP DET BRAVO ROSEMOUNT TOTAL	599	53,916	90.01	20,167	12,315
Navy	MN	N68349	NRRC MINNEAPOLIS TOTAL	4,252	271,226	63.79	100,757	61,567
USAF	MN	FP6633	MPLS-ST PAUL IAP	4,754	246,408	51.83	91,038	55,657
Navy	MN	N91192	NIROP MINNEAPOLIS TOTAL	31,304	1,415,362	45.21	520,682	318,449
				40,909	1,986,912	48.57	732,644	447,988
Army	MO	NA	FT LEONARD WOOD	71,954	4,425,181	61.50	1,546,123	939,146
Army	MO	NA	LAKE CITY AAP	43,014	2,334,226	54.27	817,148	496,270
Army	MO	NA	AVIATION/TRP CMD	1,786	94,815	53.09	33,204	20,165
USAF	MO	FP4625	WHITEMAN AFB	65,803	3,149,880	47.87	1,105,123	671,035
				182,557	10,004,102	54.80	3,501,598	2,126,616
Navy	MS	N66084	NSPASURSTA HILLDALE TOTAL	182	13,111	72.04	5,431	3,331
Navy	MS	N62795	SHIPBUILDING C&R PASCAGOULA TOTAL	3,373	203,987	60.48	84,494	51,823
Navy	MS	D63043	NAS MERIDIAN MB	31,289	1,683,943	53.82	697,455	427,774
USAF	MS	FP3022	COLUMBUS AFB	24,511	1,295,885	52.87	536,722	329,191
Army	MS	NA	MISSISSIPPI AAP	9,443	440,134	46.61	182,273	111,796
Navy	MS	D62604	NCBC GULFPORT MB	25,699	1,147,832	44.66	475,334	291,544
USAF	MS	FB3010	KEESLER AFB	133,883	5,602,170	41.84	2,319,798	1,422,844
				228,380	10,387,062	45.48	4,301,508	2,638,303
Army	NC	NA	SUNNY POINT MOT	3,110	220,873	71.02	91,498	56,118
Navy	NC	N65923	NARF CHERRY POINT TOTAL	85,868	5,801,922	67.57	2,403,411	1,474,076
USAF	NC	FP4488	POPE AFB	37,853	2,428,367	64.15	1,005,904	616,949
Navy	NC	N68093	NRMC CAMP LEJEUNE TOTAL	14,717	938,788	63.79	388,873	238,507
Army	NC	NA	FT BRAGG	454,348	24,649,512	54.25	10,209,388	6,261,778
USMC	NC	K67001	MCB CAMP LEJUENE MB	241,273	11,933,006	49.46	4,942,076	3,031,171
USAF	NC	FP4809	SEYMOUR JOHNSON	61,328	2,879,571	46.95	1,192,527	731,427
USMC	NC	K00146	MCAS CHERRY POINT MB	97,598	3,505,671	35.92	1,451,426	890,243
				996,095	52,357,710	52.56	21,685,102	13,300,270
USAF	ND	FP4528	MINOT AFB	10,087	1,662,268	164.80	626,454	382,297
Army	ND	NA	S.R. MICKELSON	257	16,371	63.70	6,081	3,716
USAF	ND	FB4659	GRAND FORKS AFB	134,457	5,003,039	37.21	1,827,184	1,118,254
				144,801	6,681,678	46.14	2,459,719	1,504,267

Navy	NM	N66081	NSPASURSTA TRUTH OR CONSEQUENCES TOT	182	18,421	101.21	3,679	2,231
Navy	NM	N61762	NAVORDMISTESTSTA WHITE SANDS TOTAL	3,597	302,066	83.98	60,849	36,872
USAF	NM	FP4469	KIRTLAND AFB	86,197	5,612,072	65.11	1,147,095	694,242
USAF	NM	FP4801	HOLLOMAN AFB	62,364	3,867,729	62.02	793,088	479,864
Army	NM	NA	WHITE SANDS MR	115,342	7,037,013	61.01	1,444,563	873,964
USAF	NM	FP4855	CANNON AFB	51,595	2,063,481	39.99	438,807	264,723
				319,277	18,900,782	59.20	3,888,081	2,351,895
Navy	OH	N68640	NWIRP TOLEDO TOTAL	10,260	839,478	81.82	301,801	184,512
USAF	OH	FP6656	YOUNGSTOWN MAP	4,896	363,919	74.33	130,878	80,013
Army	OH	NA	COLUMBUS DCSC	61,885	3,760,000	60.76	1,353,383	827,328
USAF	OH	FP2300	WRIGHT PATTERSON	384,574	15,756,481	40.97	5,684,199	3,474,055
USAF	OH	FP2006	NEWARK AFB	46,138	1,743,292	37.78	629,264	384,572
				507,754	22,463,170	44.24	8,099,525	4,950,480
USAF	OK	FP4419	ALTUS AFB	45,369	1,752,828	38.63	842,067	512,815
Army	OK	NA	MCALISTER AAP	13,317	447,127	33.58	215,597	131,255
USAF	OK	FP2039	TINKER AFB	346,508	11,268,164	32.52	5,438,289	3,310,552
USAF	OK	FP3029	VANCE AFB	0	0	NA	0	0
Army	OK	NA	FT SILL	24,378	2,581,541	105.90	327,683	199,389
				429,572	16,049,660	37.36	6,823,635	4,154,011
Army	OR	NA	UMATILLA DA	2,324	98,897	42.55	39,744	24,610
				2,324	98,897	42.55	39,744	24,610
Navy	SC	N68356	NRRC CHARLESTON TOTAL	2,833	168,260	59.39	69,695	42,746
USAF	SC	FP4803	SHAW AFB	58,438	3,000,337	51.34	1,242,633	762,154
Navy	SC	N68084	NRMC CHARLESTON TOTAL	14,784	748,296	50.62	309,914	190,082
Navy	SC	N45610	NAVCONBRIG CHARLESTON TOTAL	4,882	228,953	46.90	94,817	58,155
Navy	SC	D61337	NH BEAUFORT MB	9,855	446,783	45.34	185,022	113,482
USMC	SC	K60169	MCAS BEAUFORT MB	36,249	1,630,536	44.98	675,234	414,151
Navy	SC	B00193	NWS CHARLESTON MB+SHIP	57,773	2,539,698	43.96	1,051,711	645,062
Navy	SC	N63028	PMF LANT CHARLESTON TOTAL	15,094	645,398	42.76	267,258	163,922
USMC	SC	K00263	MCRD PARRIS ISLAND MB	50,649	2,032,458	40.13	841,584	516,186
USAF	SC	FP4418	CHARLESTON AFB	53,568	2,064,859	38.55	854,964	524,395
Army	SC	NA	FT JACKSON	118,522	4,326,467	36.50	1,791,286	1,098,697
				422,647	17,832,045	42.19	7,384,118	4,529,033
USAF	SD	FP4690	ELLSWORTH AFB	53,613	1,592,708	29.71	575,628	352,633
				53,613	1,592,708	29.71	575,628	352,633
Navy	TN	N68348	NRRC MEMPHIS TOTAL	3,215	260,023	80.88	107,724	66,069
Army	TN	NA	VOLUNTEER AAP	4,596	228,331	49.68	94,564	58,000
Navy	TN	N94307	RAYTHEON CO BRISTOL TOTAL	31,340	1,446,038	46.14	598,843	367,296
Navy	TN	N60002	NRMC MEMPHIS TOTAL	9,758	446,540	45.76	184,923	113,421
Navy	TN	N63101	NARU MILLINGTON TOTAL	695	31,732	45.66	13,141	8,060
USAF	TN	EY7483	ARNOLD AFB	601,417	18,448,149	30.67	7,636,451	4,683,963
				651,021	20,860,813	32.04	8,635,646	5,296,810
Navy	TX	N68359	NRRC DALLAS TOTAL	4,367	311,891	71.42	113,787	69,473
Army	TX	NA	FT BLISS	158,731	11,159,882	70.31	4,072,624	2,486,487
USAF	TX	FY4006	ELDORADO AFS	3,513	234,130	66.65	85,528	52,213
Navy	TX	D60241	NAS KINGSVILLE MB	21,036	1,164,909	55.38	427,210	260,712
Army	TX	NA	CORPUS CHRISTI AD	54,212	2,942,847	54.28	1,079,740	658,901
USAF	TX	FP3099	LAUGHLIN AFB	34,507	1,855,056	53.76	680,783	415,432
Army	TX	NA	FT SAM HOUSTON	114,921	6,027,651	52.45	2,213,385	1,350,597
USAF	TX	FP3020	SHEPPARD AFB	88,299	4,463,052	50.54	1,640,361	1,000,858
Navy	TX	N00285	NRMC CORPUS CHRISTI TOTAL	10,887	511,473	46.98	188,348	114,900
Navy	TX	D00216	NAS CORPUS CHRISTI MB	40,158	1,850,296	46.08	681,728	415,861
USAF	TX	FB3047	LACKLAND AFB	118,079	5,301,877	44.90	1,954,848	1,192,401
USAF	TX	FP3090	WILFORD HALL	10,468	465,584	44.48	171,711	104,736
Navy	TX	N66082	NSPASURSTA ARCHER CITY TOTAL	17,024	721,426	42.38	266,445	162,499
Navy	TX	N91961	NWIRP DALLAS TOTAL	189,192	7,884,036	41.67	2,913,294	1,776,676
Army	TX	NA	FT HOOD	493,897	20,433,505	41.37	7,552,217	4,605,639
Navy	TX	N95918	NIRP MCGREGOR TOTAL	34,012	1,369,408	40.26	506,561	308,897
Army	TX	NA	LONE STAR AAP	11,513	440,709	38.28	163,290	99,558
USAF	TX	FP4661	DYESS AFB	58,366	2,225,189	38.12	824,578	502,743
USAF	TX	FP3030	GOODFELLOW AFB	39,436	1,449,848	36.76	537,923	327,934
Army	TX	NA	RED RIVER AD	57,154	2,094,147	36.64	777,062	473,715
USAF	TX	FG2857	BROOKS AFB	59,256	2,171,118	36.64	805,624	491,127
USAF	TX	FP3089	RANDOLPH AFB	71,596	2,409,367	33.65	896,767	546,542
				1,690,623	77,487,401	45.83	28,553,812	17,417,904
Army	UT	NA	DUGWAY ARMY PG	31,166	1,230,545	39.48	490,761	304,130
Army	UT	NA	TOOELE AD	55,582	2,120,292	38.15	842,461	522,285
USAF	UT	FP2027	HILL AFB	208,200	7,585,478	36.43	2,998,322	1,859,825
Navy	UT	N63319	NSSPO MAGNA TOTAL	10,311	331,747	32.17	129,115	80,219
				305,259	11,268,062	36.91	4,460,660	2,766,460
Army	VA	NA	FT MONROE	14,188	1,272,601	89.70	527,246	323,370

Army	VA	NA	FT A P HILL	11,791	762,518	64.67	315,860	193,726
Navy	VA	B00181	NSY PORTSMOUTH MB+SHIP	50,590	2,862,127	56.57	1,185,479	727,094
Navy	VA	N55631	NISMF PORTSMOUTH TOTAL	447	25,164	56.30	10,423	6,393
Navy	VA	N30018	NSRDC PORTSMOUTH TOTAL	215	11,911	55.40	4,933	3,026
USMC	VA	K00264	MCB QUANTICO MB	82,761	4,283,313	51.76	1,774,007	1,088,065
Army	VA	NA	RICHMOND DCSC	47,236	2,404,000	50.89	995,644	610,667
Navy	VA	N64619	GMSCOL VIRGINIA BEACH TOTAL	36,000	1,800,000	50.00	745,480	457,232
Navy	VA	N00182	ST JULIENS CREEK ANNEX PORTSMOUTH TOT	16,910	832,399	49.23	344,738	211,442
Navy	VA	N42063	SATCOMDET NORTHWEST CHESAPEAKE TOT	3,067	149,178	48.64	61,781	37,893
Navy	VA	N63393	NSC NORFOLK TOTAL	54,459	2,582,177	47.42	1,069,375	655,892
Navy	VA	N68722	NAVAL MEDICAL CLINIC NORFOLK TOTAL	1,852	86,911	46.93	35,993	22,076
Navy	VA	N0552A	NRTF DRIVER TOTAL	144	6,660	46.25	2,758	1,692
Navy	VA	N32528	NCB NORFOLK TOTAL	1,485	66,585	44.84	27,574	16,912
Navy	VA	N00183	NH PORTSMOUTH TOTAL	35,117	1,562,775	44.50	647,166	396,936
Navy	VA	N68724	AEGISTRACEN DAHLGREN TOTAL	14,211	630,908	44.40	261,267	160,247
Navy	VA	D00178	NSWC DAHLGREN MB	78,793	3,491,961	44.32	1,446,063	886,936
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MB	72,454	3,205,977	44.25	1,327,631	814,296
Navy	VA	D00281	FCTC VIRGINIA BEACH MB	45,974	2,030,321	44.16	840,777	515,687
Navy	VA	D00109	NWS YORKTOWN MB	35,852	1,583,051	44.16	655,558	402,083
USMC	VA	M67353	HQB N ARLINGTON TOTAL	8,438	371,044	43.97	153,653	94,242
Navy	VA	N53989	TACTGRULANT DAM NECK TOTAL	1,401	61,586	43.96	25,503	15,642
Navy	VA	N0387A	NMITC DAM NECK VIRGINIA BEACH TOTAL	4,284	188,291	43.95	77,973	47,824
Navy	VA	N45004	MARENVIRON SYS FAC DAM NECK TOTAL	6,452	282,691	43.81	117,064	71,801
Navy	VA	N68593	NAVOCEANPROFAC DAM NECK TOTAL	5,929	258,824	43.65	107,181	65,739
Navy	VA	N63273	COMBTDIRSYS VIRGINIA BEACH TOTAL	8,339	361,026	43.29	149,502	91,696
Navy	VA	B61414	NPB LITTLE CREEK TOTAL	48,829	2,102,835	43.07	870,786	534,093
Navy	VA	N61414	NAB LITTLE CREEK TOTAL	75,623	3,251,449	43.00	1,346,425	825,826
Army	VA	NA	FT BELVOIR	205,169	8,769,273	42.74	3,631,336	2,227,270
USAF	VA	FP4800	LANGLEY AFB	91,279	3,896,639	42.69	1,613,588	989,689
Navy	VA	N62470	LANTFLT NORFOLK TOTAL	4,793	200,874	41.91	83,180	51,018
Navy	VA	N63061	NEOC NORFOLK TOTAL	944	39,380	41.72	16,307	10,002
Navy	VA	B00187	PWC NORFOLK MB+SHIP	484,402	20,162,046	41.62	8,348,843	5,120,751
Navy	VA	N65887	NARF NORFOLK TOTAL	35,021	1,455,230	41.55	602,591	369,598
Navy	VA	N57023	NAVCOMM NORFOLK TOTAL	1,128	46,753	41.45	19,360	11,874
Navy	VA	N63367	NAVAL COMM SYSTEM NORFOLK TOTAL	3,885	160,944	41.43	66,645	40,876
Navy	VA	N57074	OSF LANT NORFOLK TOTAL	18,791	776,058	41.30	321,353	197,102
Navy	VA	N64590	SACLANT TOTAL	3,465	142,624	41.16	59,058	36,223
USMC	VA	M67391	MCB CAMP ELMORE NORFOLK TOTAL	3,734	153,562	41.13	63,587	39,001
Navy	VA	N70272	NCAMS LANT NORFOLK TOTAL	6,714	275,971	41.10	114,275	70,090
Navy	VA	N57095	HQSA LANT NORFOLK TOTAL	20,486	841,752	41.09	348,554	213,785
Navy	VA	N62753	NAVDENTAL CLINIC NORFOLK TOTAL	2,651	108,926	41.09	45,104	27,665
Navy	VA	N68057	NARDA NORFOLK TOTAL	2,878	118,231	41.08	48,957	30,028
Navy	VA	N62688	NS NORFOLK TOTAL	66,426	2,728,298	41.07	1,129,738	692,924
Navy	VA	N61797	FTC NORFOLK TOTAL	18,835	773,531	41.07	320,305	196,459
Navy	VA	N63102	AIRPAC NORFOLK TOTAL	2,868	117,740	41.05	48,754	29,903
Navy	VA	N00188	NAS NORFOLK TOTAL	47,078	1,923,780	40.86	796,598	488,593
Navy	VA	N61720	AFSC NORFOLK TOTAL	5,707	232,855	40.80	96,420	59,139
Navy	VA	N60951	FAADCLANT NORFOLK TOTAL	1,777	72,473	40.78	30,010	18,406
Navy	VA	N63401	FAWTC NORFOLK TOTAL	444	18,070	40.70	7,482	4,589
Navy	VA	N67230	MB NORFOLK TOTAL	1,447	58,742	40.60	24,324	14,919
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MB	19,856	802,740	40.43	332,395	203,874
Army	VA	NA	FT EUSTIS	117,402	4,280,153	36.46	1,772,108	1,086,935
Army	VA	NA	FT LEE	95,150	3,406,771	35.80	1,410,474	865,125
Army	VA	NA	FT MYER	50,997	1,663,050	32.61	688,460	422,277
				2,076,168	89,754,749	43.23	37,167,646	22,796,646
USAF	WI	FP6605	GEN MITCHELL FLD	4,983	210,664	42.27	74,093	44,980
Army	WI	NA	FT MCCOY	27,625	1,092,071	39.53	384,659	233,488
				32,608	1,302,735	39.95	458,753	278,469
Navy	WV	N91571	ALLEGANY BALLISTICS LAB TOTAL	21,756	928,680	42.69	334,931	204,708
Navy	WV	D70310	NRS SUGAR GROVE MB	4,920	192,000	39.02	69,288	42,346
				26,676	1,120,680	42.01	404,220	247,054
USAF	WY	FP4613	F E WARREN AFB	51,369	2,854,735	55.57	589,940	356,720
				51,369	2,854,735	55.57	589,940	356,720
				13,619,940	617,417,083	45.33	234,603,885	143,370,515

APPENDIX C-4

**ESTIMATED COST SAVINGS
MILITARY FAMILY HOUSING**

31-STATE SUBGROUP

DOD Electric Power Cost Savings
Group of 31 - Military Family Housing Only

				FY 1996		Total Savings					
				MWh	\$	\$/MWh	1997	1998	1999	2000	2001
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	0	0	0	0	0
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	0	0	0	0	0
				12,278	698,944	56.93	0	0	0	0	0
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	0	0	0	0	0
				38,625	2,333,280	60.41	0	0	0	0	0
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	0	0	0	0	0
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	0	0	0	0	0
				14,768	721,531	48.86	0	0	0	0	0
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	0	0	0	0	0
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	0	0	0	0	0
				18,645	1,148,710	61.61	0	0	0	0	0
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	0	0	0	0	0
				22,541	1,214,351	53.87	0	0	0	0	0
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	0	0	0	0	0
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	0	0	0	0	0
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	0	0	0	0	0
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	0	0	0	0	0
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	0	0	0	0	0
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	0	0	0	0	0
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	0	0	0	0	0
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	0	0	0	0	0
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	0	0	0	0	0
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	0	0	0	0	0
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	0	0	0	0	0
				181,672	9,651,550	53.13	0	0	0	0	0
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	0	0	0	0	0
Navy	GA	D62741	NCS ATHENS MFH	722	42,945	59.48	0	0	0	0	0
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	0	0	0	0	0
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	0	0	0	0	0
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	0	0	0	0	0
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	0	0	0	0	0
				56,039	2,591,584	46.25	0	0	0	0	0
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	0	0	0	0	0
				24,634	707,381	28.72	0	0	0	0	0
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	0	0	0	0	0
				5,819	347,079	59.65	0	0	0	0	0
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	0	0	0	0	0
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	0	0	0	0	0
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	0	0	0	0	0
				16,023	810,535	50.59	0	0	0	0	0
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	0	0	0	0	0
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	0	0	0	0	0
				25,216	649,094	25.74	0	0	0	0	0
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	0	0	0	0	0
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	0	0	0	0	0
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	0	0	0	0	0
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	0	0	0	0	0
				49,387	2,410,217	48.80	0	0	0	0	0
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	0	0	0	0	0
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	0	0	0	0	0
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	0	0	0	0	0
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	0	0	0	0	0
				204,175	12,852,775	62.95	0	0	0	0	0

USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	0	0	0	0	0
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	0	0	0	0	0
				66,557	2,217,888	33.32	0	0	0	0	0
USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	0	0	0	0	0
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	0	0	0	0	0
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	0	0	0	0	0
				45,290	2,522,040	55.69	0	0	0	0	0
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	0	0	0	0	0
				29,630	1,488,354	50.23	0	0	0	0	0
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	0	0	0	0	0
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	0	0	0	0	0
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0	0	0	0
				18,342	761,347	41.51	0	0	0	0	0
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	0	0	0	0	0
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	0	0	0	0	0
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	0	0	0	0	0
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	0	0	0	0	0
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	0	0	0	0	0
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	0	0	0	0	0
				107,319	5,469,858	50.97	0	0	0	0	0
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	0	0	0	0	0
				19,517	599,114	30.70	0	0	0	0	0
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	0	0	0	0	0
				1,257	47,467	37.77	0	0	0	0	0
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	0	0	0	0	0
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	0	0	0	0	0
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	0	0	0	0	0
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	0	0	0	0	0
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	0	0	0	0	0
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	0	0	0	0	0
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	0	0	0	0	0
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	0	0	0	0	0
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	0	0	0	0	0
				86,926	4,021,530	46.26	0	0	0	0	0
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	0	0	0	0	0
				9,757	340,436	34.89	0	0	0	0	0
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	0	0	0	0	0
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	0	0	0	0	0
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	0	0	0	0	0
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	0	0	0	0	0
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MF	2,167	106,074	48.95	0	0	0	0	0
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	0	0	0	0	0
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	0	0	0	0	0
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	0	0	0	0	0
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	0	0	0	0	0
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	0	0	0	0	0
				99,970	5,034,390	50.36	0	0	0	0	0
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	0	0	0	0	0
				1,200	48,000	40.00	0	0	0	0	0
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	0	0	0	0	0
				6,168	221,491	35.91	0	0	0	0	0
TOTAL				1,161,752	58,908,946		0	0	0	0	0

DOD Electric Power Cost Savings
 Group of 31 - Military Family Housing Only

				MWh	FY 1996	\$/MWh	Total Savings			
					\$		2002	2003	2004	2005
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	0	0	0	0
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	0	0	0	0
				12,278	698,944	56.93	0	0	0	0
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	0	0	0	0
				38,625	2,333,280	60.41	0	0	0	0
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	0	0	0	0
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	0	0	0	0
				14,768	721,531	48.86	0	0	0	0
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	0	0	0	0
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	0	0	0	0
				18,645	1,148,710	61.61	0	0	0	0
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	0	0	0	0
				22,541	1,214,351	53.87	0	0	0	0
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	0	0	0	0
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	0	0	0	0
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	0	0	0	0
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	0	0	0	0
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	0	0	0	0
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	0	0	0	0
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	0	0	0	0
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	0	0	0	0
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	0	0	0	0
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	0	0	0	0
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	0	0	0	0
				181,672	9,651,550	53.13	0	0	0	0
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	0	0	0	0
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	0	0	0	0
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	0	0	0	0
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	0	0	0	0
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	0	0	0	0
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	0	0	0	0
				56,039	2,591,584	46.25	0	0	0	0
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	0	0	0	0
				24,634	707,381	28.72	0	0	0	0
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	0	0	0	0
				5,819	347,079	59.65	0	0	0	0
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	0	0	0	0
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	0	0	0	0
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	0	0	0	0
				16,023	810,535	50.59	0	0	0	0
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	0	0	0	0
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	0	0	0	0
				25,216	649,094	25.74	0	0	0	0
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	0	0	0	0
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	0	0	0	0
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	0	0	0	0
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	0	0	0	0
				49,387	2,410,217	48.80	0	0	0	0
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	0	0	0	0
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	0	0	0	0
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	0	0	0	0
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	0	0	0	0
				204,175	12,852,775	62.95	0	0	0	0

DOD Electric Power Cost Savings
Group of 31 - Military Family Housing Only

				FY 1996			Total Savings	
				MWh	\$	\$/MWh	2006	2007
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	29,036	42,181
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	13,212	19,194
				12,278	698,944	56.93	42,247	61,375
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	62,449	123,080
				38,625	2,333,280	60.41	62,449	123,080
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	3,890	7,560
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	6,249	12,146
				14,768	721,531	48.86	10,139	19,706
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	1,262	2,487
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	29,231	57,610
				18,645	1,148,710	61.61	30,493	60,098
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	46,355	77,963
				22,541	1,214,351	53.87	46,355	77,963
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	50,713	49,481
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	9,930	9,689
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	19,151	18,686
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	2,668	2,603
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	36,563	35,675
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	40,478	39,494
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	24,416	23,823
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	9,716	9,479
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	15,714	15,332
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	14,005	13,664
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	46,046	44,927
				181,672	9,651,550	53.13	269,400	262,855
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	551	801
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	2,596	3,771
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	30,846	44,811
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	85,908	124,802
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	12,953	18,817
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	23,794	34,566
				56,039	2,591,584	46.25	156,648	227,568
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	25,182	33,911
				24,634	707,381	28.72	25,182	33,911
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	9,289	18,308
				5,819	347,079	59.65	9,289	18,308
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	8,001	15,769
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	4,874	9,607
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	8,818	17,380
				16,023	810,535	50.59	21,694	42,755
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	1,347	21,206
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	454	7,141
				25,216	649,094	25.74	1,801	28,347
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	23,756	34,512
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	51,610	74,976
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	4,513	6,557
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	65,805	95,597
				49,387	2,410,217	48.80	145,685	211,642
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	23,667	34,381
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	383,824	557,595
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	223,780	325,094
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	145,612	211,536
				204,175	12,852,775	62.95	776,882	1,128,607

USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	42,361	83,488
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	16,182	31,892
				66,557	2,217,888	33.32	58,543	115,380
USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	13,117	25,494
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	12,997	25,262
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	9,326	18,125
				45,290	2,522,040	55.69	35,440	68,881
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	39,509	77,867
				29,630	1,488,354	50.23	39,509	77,867
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	14,677	28,927
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	5,700	11,234
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	20,377	40,161
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	120,481	175,028
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	73,270	106,442
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	44,632	64,839
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	75,539	109,738
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	1,489	2,164
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	15,212	22,100
				107,319	5,469,858	50.97	330,624	480,310
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	15,814	31,167
				19,517	599,114	30.70	15,814	31,167
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	2,869	4,168
				1,257	47,467	37.77	2,869	4,168
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	6,553	12,914
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	7,660	15,097
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	4,314	8,502
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	32,462	63,978
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	13,090	25,799
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	15,299	30,152
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	2,916	5,747
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	11,604	22,870
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	12,857	25,339
				86,926	4,021,530	46.26	106,753	210,397
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	12,119	16,320
				9,757	340,436	34.89	12,119	16,320
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	24,311	35,317
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	4,997	7,260
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	71,673	104,123
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	85,870	124,746
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	6,412	9,314
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	65,903	95,740
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	8,137	11,820
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	869	1,262
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	29,766	43,242
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	6,365	9,247
				99,970	5,034,390	50.36	304,302	442,072
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	1,274	2,511
				1,200	48,000	40.00	1,274	2,511
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	3,112	6,049
				6,168	221,491	35.91	3,112	6,049
TOTAL				1,161,752	58,908,946		2,529,002	3,791,500

DOD Electric Power Cost Savings
 Group of 31 - Military Family Housing Only

				FY 1996			Total Savings	
				MWh	\$	\$/MWh	2008	2009
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	47,196	67,335
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	21,475	30,639
				12,278	698,944	56.93	68,671	97,974
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	181,944	239,094
				38,625	2,333,280	60.41	181,944	239,094
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	11,018	14,269
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	17,700	22,923
				14,768	721,531	48.86	28,718	37,191
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	3,677	4,230
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	85,163	97,975
				18,645	1,148,710	61.61	88,840	102,205
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	39,653	83,246
				22,541	1,214,351	53.87	39,653	83,246
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	147,752	194,162
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	28,931	38,019
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	55,797	73,323
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	7,774	10,215
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	106,526	139,987
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	117,930	154,973
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	71,136	93,481
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	28,306	37,197
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	45,782	60,163
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	40,802	53,618
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	134,153	176,292
				181,672	9,651,550	53.13	784,889	1,031,428
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	896	1,279
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	4,219	6,020
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	50,139	71,533
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	139,639	199,224
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	21,054	30,038
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	38,676	55,179
				56,039	2,591,584	46.25	254,623	363,272
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	57,647	80,692
				24,634	707,381	28.72	57,647	80,692
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	27,065	35,566
				5,819	347,079	59.65	27,065	35,566
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	23,310	30,632
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	14,201	18,662
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	25,692	33,763
				16,023	810,535	50.59	63,204	83,057
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	34,364	47,138
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	11,572	15,874
				25,216	649,094	25.74	45,936	63,013
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	38,615	55,092
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	83,890	119,686
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	7,336	10,467
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	106,963	152,604
				49,387	2,410,217	48.80	236,804	337,849
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	38,469	54,884
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	623,887	890,103
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	363,744	518,956
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	236,685	337,680
				204,175	12,852,775	62.95	1,262,785	1,801,623

USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	123,416	187,258
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	47,145	71,533
				66,557	2,217,888	33.32	170,562	258,791
USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	37,154	48,115
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	36,814	47,676
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	26,414	34,208
				45,290	2,522,040	55.69	100,382	129,999
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	115,108	132,425
				29,630	1,488,354	50.23	115,108	132,425
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	42,762	56,194
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	16,606	21,822
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	59,368	78,016
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	195,837	279,401
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	119,097	169,916
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	72,548	103,504
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	122,784	175,177
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	2,421	3,454
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	24,727	35,278
				107,319	5,469,858	50.97	537,414	766,731
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	46,074	69,907
				19,517	599,114	30.70	46,074	69,907
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	4,664	6,654
				1,257	47,467	37.77	4,664	6,654
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	19,091	21,963
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	22,317	25,674
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	12,568	14,459
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	94,576	108,803
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	38,138	43,875
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	44,572	51,278
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	8,496	9,774
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	33,807	38,893
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	37,457	43,092
				86,926	4,021,530	46.26	311,022	357,811
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	27,743	38,834
				9,757	340,436	34.89	27,743	38,834
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	39,516	56,377
Navy	VA	B00181	NWS PORTSMOUTH MFH	1,479	82,673	55.90	8,123	11,589
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	116,502	166,213
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	139,577	199,135
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MF	2,167	106,074	48.95	10,422	14,869
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	107,123	152,832
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	13,226	18,869
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	1,412	2,014
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	48,383	69,029
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	10,346	14,761
				99,970	5,034,390	50.36	494,629	705,690
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	3,712	4,271
				1,200	48,000	40.00	3,712	4,271
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	8,816	11,417
				6,168	221,491	35.91	8,816	11,417
TOTAL				1,161,752	58,908,946		5,020,273	6,916,753

DOD Electric Power Cost Savings
 Group of 31 - Military Family Housing Only

				FY 1996			Total Savings	
				MWh	\$	\$/MWh	2010	2011
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	71,617	(138)
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	32,588	(71)
				12,278	698,944	56.93	104,204	(209)
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	294,580	17,613
				38,625	2,333,280	60.41	294,580	17,613
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	24,603	3,254
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	39,525	9,387
				14,768	721,531	48.86	64,129	12,641
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	5,352	72
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	123,946	1,830
				18,645	1,148,710	61.61	129,298	1,902
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	125,971	12,578
				22,541	1,214,351	53.87	125,971	12,578
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	213,985	8,911
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	41,900	2,185
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	80,809	5,206
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	11,258	776
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	154,280	11,452
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	170,796	12,932
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	103,025	7,875
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	40,995	3,136
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	66,305	5,082
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	59,092	4,548
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	194,291	15,653
				181,672	9,651,550	53.13	1,136,737	77,755
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	1,360	(2)
Navy	GA	D62741	NCS ATLHENS MFH	722	42,945	59.48	6,403	(12)
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	76,082	(164)
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	211,893	(483)
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	31,948	(81)
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	58,688	(210)
				56,039	2,591,584	46.25	386,375	(953)
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	103,066	(41,188)
				24,634	707,381	28.72	103,066	(41,188)
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	43,819	2,653
				5,819	347,079	59.65	43,819	2,653
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	37,741	2,087
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	22,992	1,387
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	41,598	3,833
				16,023	810,535	50.59	102,331	7,307
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	46,929	3,523
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	15,804	4,395
				25,216	649,094	25.74	62,732	7,918
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	58,595	(117)
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	127,298	(272)
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	11,133	(28)
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	162,309	(423)
				49,387	2,410,217	48.80	359,335	(840)
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	58,374	(103)
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	946,709	(1,702)
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	551,959	(1,005)
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	359,155	(660)
				204,175	12,852,775	62.95	1,916,198	(3,471)

USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	199,819	(22,924)
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	76,332	(14,348)
				66,557	2,217,888	33.32	276,151	(37,272)
USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	82,965	(7,567)
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	82,207	(9,055)
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	58,984	(8,741)
				45,290	2,522,040	55.69	224,155	(25,362)
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	167,528	3,022
				29,630	1,488,354	50.23	167,528	3,022
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	69,235	5,487
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	26,886	2,877
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	96,121	8,364
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	297,170	(547)
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	180,722	(390)
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	110,087	(283)
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	186,318	(489)
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	3,674	(10)
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	37,522	(106)
				107,319	5,469,858	50.37	815,492	(1,824)
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	74,596	(10,930)
				19,517	599,114	30.70	74,596	(10,930)
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	7,077	(21)
				1,257	47,467	37.77	7,077	(21)
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	27,785	1,800
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	32,480	2,190
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	18,292	1,502
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	137,645	11,763
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	55,505	5,072
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	64,871	5,977
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	12,365	1,281
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	49,203	5,287
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	54,515	5,884
				86,926	4,021,530	46.26	452,660	40,768
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	49,602	(16,313)
				9,757	340,436	34.89	49,602	(16,313)
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	59,963	(113)
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	12,326	(25)
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	176,784	(376)
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	211,800	(471)
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MF	2,167	106,074	48.95	15,814	(37)
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	162,552	(379)
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	20,069	(51)
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	2,142	(6)
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	73,419	(194)
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	15,700	(48)
				99,970	5,034,390	50.36	750,569	(1,699)
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	5,403	122
				1,200	48,000	40.00	5,403	122
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	19,686	5,279
				6,168	221,491	35.91	19,686	5,279
TOTAL				1,161,752	58,908,946		7,767,813	57,841

DOD Electric Power Cost Savings
 Group of 31 - Military Family Housing Only

				FY 1996		Total Savings		NPV
				MWh	\$	\$/MWh	Total	
USAF	AL	RP3300	MAXWELL AFB	8,092	480,365	59.36	257,226	158,214
USAF	AL	RG4444	GUNTER AFB	4,186	218,579	52.22	117,036	71,987
				12,278	698,944	56.93	374,263	230,200
USAF	AR	RP4460	LITTLE ROCK AFB	38,625	2,333,280	60.41	918,761	559,267
				38,625	2,333,280	60.41	918,761	559,267
USAF	CO	RP4500	PETERSON AFB	3,802	276,821	72.81	64,595	39,005
USAF	CO	RB7000	USAF ACADEMY	10,966	444,710	40.55	107,930	64,971
				14,768	721,531	48.86	172,525	103,976
Navy	DC	D00173	NRL WASHINGTON MFH	708	47,544	67.15	17,080	10,436
USAF	DC	RP4200	BOLLING AFB	17,937	1,101,166	61.39	395,755	241,796
				18,645	1,148,710	61.61	412,836	252,232
USAF	DE	RP4497	DOVER AFB	22,541	1,214,351	53.87	385,766	236,451
				22,541	1,214,351	53.87	385,766	236,451
Navy	FL	D00213	NAS KEY WEST MFH	20,819	1,816,859	87.27	665,004	403,815
Navy	FL	D60508	NAS WHITING FIELD MFH	5,104	355,757	69.70	130,653	79,315
USAF	FL	RP4814	MACDILL AFB	12,164	686,115	56.40	252,972	153,518
Navy	FL	D61331	NCSC PANAMA CITY MFH	1,813	95,589	52.72	35,294	21,416
Navy	FL	B60201	NS MAYPORT MFH	26,756	1,309,925	48.96	484,484	293,935
USAF	FL	RP2829	PATRICK AFB	30,215	1,450,156	47.99	536,604	325,543
USAF	FL	RP2586	TYNDALL AFB	18,401	874,742	47.54	323,757	196,411
Navy	FL	D00207	NAS JACKSONVILLE MFH	7,328	348,069	47.50	128,829	78,155
Navy	FL	B00204	PWC PENSACOLA MFH	11,873	562,969	47.42	208,378	126,414
USAF	FL	RP4417	HURLBURT FLD	10,626	501,727	47.22	185,728	112,673
USAF	FL	RP2823	EGLIN AFB	36,573	1,649,642	45.11	611,362	370,848
				181,672	9,651,550	53.13	3,563,065	2,162,043
Navy	GA	D00196	NAS ATLANTA MFH	139	9,124	65.64	4,886	3,005
Navy	GA	D62741	NSCS ATHENS MFH	722	42,945	59.48	22,996	14,144
USMC	GA	K67004	MCLB ALBANY MFH	9,656	510,317	52.85	273,247	168,069
USAF	GA	RP2065	ROBINS AFB	28,410	1,421,262	50.03	760,983	468,067
USAF	GA	RP4830	MOODY AFB	4,786	214,289	44.78	114,728	70,567
Navy	GA	B42237	NAVSUBASE KINGS BAY MFH	12,326	393,647	31.94	210,694	129,598
				56,039	2,591,584	46.25	1,387,533	853,451
USAF	ID	RP4897	MT HOME AFB	24,634	707,381	28.72	259,309	160,155
				24,634	707,381	28.72	259,309	160,155
USAF	KS	RP4621	MCCONNELL AFB	5,819	347,079	59.65	136,701	83,210
				5,819	347,079	59.65	136,701	83,210
Navy	LA	D00205	NSA NEW ORLEANS MFH	4,577	298,936	65.31	117,541	71,558
Navy	LA	D00206	NAS NEW ORLEANS MFH	3,041	182,116	59.89	71,723	43,658
USAF	LA	RP4608	BARKSDALE AFB	8,405	329,483	39.20	131,084	79,721
				16,023	810,535	50.59	320,347	194,938
USAF	MO	RP4625	WHITEMAN AFB	11,219	485,572	43.28	154,506	93,514
USMC	MO	K67443	MCFC KANSAS CITY MFH TOTAL	13,997	163,522	11.68	55,240	33,274
				25,216	649,094	25.74	209,746	126,788
Navy	MS	D63043	NAS MERIDIAN MFH	6,865	393,024	57.25	210,453	129,445
USAF	MS	RP3022	COLUMBUS AFB	15,993	853,842	53.39	457,189	281,207
Navy	MS	D62604	NCBC GULFPORT MFH	1,671	74,671	44.69	39,978	24,590
USAF	MS	RB3010	KEESLER AFB	24,858	1,088,680	43.80	582,856	358,508
				49,387	2,410,217	48.80	1,290,476	793,750
USAF	NC	RP4488	POPE AFB	6,080	391,541	64.40	209,671	128,963
USMC	NC	K67001	MCB CAMP LEJUENE MFH	100,144	6,349,992	63.41	3,400,415	2,091,507
USMC	NC	K00146	MCAS CHERRY POINT MFH	59,135	3,702,230	62.61	1,982,528	1,219,402
USAF	NC	RP4809	SEYMOUR JOHNSON	38,816	2,409,012	62.06	1,290,010	793,452
				204,175	12,852,775	62.95	6,882,625	4,233,325

USAF	ND	RB4659	GRAND FORKS AFB	40,935	1,604,836	39.20	613,418	375,059
USAF	ND	RP4528	MINOT AFB	25,621	613,052	23.93	228,737	140,169
				66,557	2,217,888	33.32	842,155	515,228
USAF	NM	RP4801	HOLLOMAN AFB	13,512	933,463	69.08	199,279	121,234
USAF	NM	RP4469	KIRTLAND AFB	16,170	924,933	57.20	195,900	119,261
USAF	NM	RP4855	CANNON AFB	15,608	663,644	42.52	138,316	84,325
				45,290	2,522,040	55.69	533,495	324,819
USAF	OH	RP2300	WRIGHT PATTERSON	29,630	1,488,354	50.23	535,459	327,120
				29,630	1,488,354	50.23	535,459	327,120
USAF	OK	RP4419	ALTUS AFB	12,034	548,388	45.57	217,283	132,192
USAF	OK	RP2039	TINKER AFB	6,309	212,959	33.76	85,125	51,749
USAF	OK	RP3029	VANCE AFB	0	0	NA	0	0
				18,342	761,347	41.51	302,408	183,941
USAF	SC	RP4803	SHAW AFB	32,155	1,993,249	61.99	1,067,371	656,513
USMC	SC	K60169	MCAS BEAUFORT MFH	22,925	1,212,181	52.88	649,057	399,222
USAF	SC	RP4418	CHARLESTON AFB	16,655	738,401	44.33	395,328	243,161
Navy	SC	B00193	NWS CHARLESTON MFH	28,752	1,249,713	43.47	669,066	411,535
Navy	SC	D61337	NH BEAUFORT MFH	568	24,640	43.38	13,192	8,114
USMC	SC	K00263	MCRD PARRIS ISLAND MFH	6,264	251,674	40.18	134,732	82,873
				107,319	5,469,858	50.97	2,928,746	1,801,417
USAF	SD	RP4690	ELLSWORTH AFB	19,517	599,114	30.70	226,628	138,699
				19,517	599,114	30.70	226,628	138,699
USAF	TN	RY7483	ARNOLD AFB	1,257	47,467	37.77	25,410	15,629
				1,257	47,467	37.77	25,410	15,629
Navy	TX	D60241	NAS KINGSVILLE MFH	3,839	246,846	64.30	90,106	54,975
USAF	TX	RP3030	GOODFELLOW AFB	4,670	288,556	61.79	105,417	64,312
USAF	TX	RP3099	LAUGHLIN AFB	3,203	162,507	50.74	59,637	36,368
USAF	TX	RP3020	SHEPPARD AFB	25,082	1,222,867	48.76	449,226	273,923
Navy	TX	D00216	NAS CORPUS CHRISTI MFH	10,815	493,121	45.60	181,479	110,642
USAF	TX	RB3047	LACKLAND AFB	12,745	576,324	45.22	212,149	129,337
USAF	TX	RG2857	BROOKS AFB	2,752	109,854	39.91	40,590	24,737
USAF	TX	RP3089	RANDOLPH AFB	11,273	437,128	38.78	161,663	98,518
USAF	TX	RP4661	DYESS AFB	12,546	484,327	38.60	179,145	109,170
				86,926	4,021,530	46.26	1,479,411	901,981
USAF	UT	RP2027	HILL AFB	9,757	340,436	34.89	128,305	79,025
				9,757	340,436	34.89	128,305	79,025
Navy	VA	D00109	NWS YORKTOWN MFH	6,629	402,196	60.67	215,371	132,469
Navy	VA	B00181	NSY PORTSMOUTH MFH	1,479	82,673	55.90	44,268	27,228
USMC	VA	K00264	MCB QUANTICO MFH	22,147	1,185,767	53.54	634,919	390,525
USAF	VA	RP4800	LANGLEY AFB	27,709	1,420,632	51.27	760,657	467,866
Navy	VA	D63891	NSGA NORTHWEST CHESAPEAKE MFH	2,167	106,074	48.95	56,794	34,933
Navy	VA	B00187	PWC NORFOLK MFH	22,297	1,090,306	48.90	583,771	359,068
Navy	VA	D60191	NAS OCEANA VIRGINIA BEACH MFH	2,992	134,613	44.99	72,070	44,329
Navy	VA	D00281	FCTC VIRGINIA BEACH MFH	327	14,370	43.94	7,693	4,732
Navy	VA	B61414	NPB LITTLE CREEK MFH	11,414	492,452	43.14	263,646	162,165
Navy	VA	D00178	NSWC DAHLGREN MFH	2,809	105,307	37.49	56,372	34,674
				99,970	5,034,390	50.36	2,695,562	1,657,991
Navy	WV	D70310	NRS SUGAR GROVE MFH	1,200	48,000	40.00	17,294	10,564
				1,200	48,000	40.00	17,294	10,564
USAF	WY	RP4613	F E WARREN AFB	6,168	221,491	35.91	54,360	32,695
				6,168	221,491	35.91	54,360	32,695
TOTAL				1,161,752	58,908,946		26,083,183	15,978,896

APPENDIX D

RESTRUCTURING WEB SITES

STATE	REGULATORY AGENCY	STATE LEGISLATURE
ALABAMA		http://www.state.al.us/legis.html
ARIZONA	http://www.cc.state.az.us	http://www.azleg.state.az.us
ARKANSAS		http://www.arkleg.state.al.us
CALIFORNIA	http://www.cpuc.ca.gov	http://www.leginfo.ca.gov http://www.sen.ca.gov http://www.assembly.ca.gov
COLORADO	http://www.puc.state.co.us	http://www.state.co.us/gov_dir/stateleg.html
CONNECTICUT	http://www.state.ct.us/dpuc	http://www.state.ct.us/ldp
DELAWARE	http://www.state.de.us/govern/agencies/pubserv/psc.htm	http://www.state.de.us/research/dor/lis.htm
FLORIDA	http://www2.scri.net/psc	http://www.leg.state.fl.us
GEORGIA	http://www.state.ga.us/psc	http://www.state.ga.us/Legis http://www.ganet.org/homepages/senate
IDAHO	http://www.puc.state.id.us	http://www.state.id.us/legislat.html
ILLINOIS	http://www.state.il.us/icc	http://www.state.il.us/legis
INDIANA	http://www.state.in.us/iurc/index.html	http://www.ai.org/legislative
IOWA	http://www.state.ia.us/government/com/util/util.htm	http://www.legis.state.ia.us
KANSAS	http://www.kcc.state.ks.us	http://www.state.ks.us/public/legislative
LOUISIANA		http://www.state.la.us/state/legis.htm
MAINE	http://www.state.me.us/mpuc	http://www.state.me.us/legis/homepage.htm
MARYLAND	http://www.ari.net/psc	http://mlis.state.md.us
MASSACHUSETTS	http://www.magnet.state.ma.us/dpu	http://www.state.ma.us/legis/legis.htm
MICHIGAN	http://www.ermisweb.state.mi.us/mpsc	http://www.house.state.mi.us http://www.coast.net/~misenate/senhp.html
MINNESOTA	http://www.puc.state.mn.us	http://www.leg.state.mn.us
MISSISSIPPI	http://www.msllawyer.com/mpsc/mpsc.html	http://www.ls.state.ms.us http://billstatus.ls.state.ms.us
MISSOURI	http://www.ecodev.state.mo.us/psc	http://www.senate.state.mo.us http://www.house.state.mo.us
MONTANA	http://www.psc.mt.gov	http://www.mt.gov/leg/branch/branch.htm
NEBRASKA	http://www.nol.org/home/npsc	http://unicam1.lcs.state.ne.us
NEVADA	http://www.state.nv.us/psc	http://www.leg.state.nv.us

STATE	REGULATORY AGENCY	STATE LEGISLATURE
NEW HAMPSHIRE	http://www.state.nh.us/puc/puc.html	http://www.state.nh.us/gencourt/gencourt.htm
NEW JERSEY	http://www.njin.net/njbpu	http://www.njleg.state.nj.us
NEW MEXICO	http://www.puc.state.nm.us http://www.state.nm.us/scc	http://www.nm.org
NEW YORK	http://www.dps.state.ny.us	http://www.senate.state.ny.us http://assembly.state.ny.us
NORTH CAROLINA		http://www.ncga.state.nc.us
NORTH DAKOTA	http://pc6.psc.state.nd.us	http://www.state.nd.us/lr
OHIO	http://www.puc.ohio.gov	http://www.state.oh.us/ohio/legislat.htm
OKLAHOMA	http://www.occ.state.ok.us	http://www.lsb.state.ok.us
OREGON	http://www.puc.state.or.us	http://www.leg.state.or.us
PENNSYLVANIA	http://www.state.pa.us/PA_Exec/ Public_Utility	http://www.pasen.gov
RHODE ISLAND	http://ripuc.org	http://www.rilin.state.ri.us
SOUTH CAROLINA		http://www.leginfo.state.sc.us
SOUTH DAKOTA	http://www.state.sd.us/state/executive/puc	http://www.state.sd.us/lrc.htm
TENNESSEE	http://www.state.tn.us/tra/tra	http://www.legislature.state.tn.us
TEXAS	http://www.puc.texas.gov	http://www.capitol.state.tx.us http://www.house.state.tx.us http://www.senate.state.tx.us
UTAH	http://www.state.ut.us/bbs/psc/brdm.htm	http://www.le.state.ut.us
VERMONT	http://www.state.vt.us/psb	http://www.leg.state.vt.us
VIRGINIA	http://dit1.state.va.us/scc	http://legis.state.va.us
WASHINGTON	http://www.washington.edu/wutc	http://www.leg.wa.gov
WEST VIRGINIA		http://www.wvlc.wvnet.edu/legishp.html
WISCONSIN	http://badger.state.wi.us/agencies/psc	http://www.legis.state.wi.us
WYOMING	http://psc.state.wy.us	http://legisweb.state.wy.us