

ENERGY POLICY ACT 2005 REPORTING CATEGORIES

Revised 2003 Baseline

EPACT Goal-Subject Buildings/Facilities

Energy	Type	Consumption Units	Annual Consumption	Annual Cost (Thou. \$)	Site-Delivered Btu (Billion)	Est. Source Btu (Billion)
Electricity		MWH	26,669,189.4	\$1,572,902.5	91,677.6	316,399.9
Fuel Oil		Thou. Gal.	227,862.2	\$178,302.4	31,604.6	31,624.5
Natural Gas		Thou. Cubic Ft.	69,920,263.1	\$434,465.3	72,087.7	72,087.8
LPG/Propane		Thou. Gal.	16,291.2	\$15,188.9	1,555.8	1,555.8
Coal		S. Ton	615,276.5	\$38,248.4	15,123.5	15,123.5
Purch. Steam		BBtu	9,511.2	\$16,085.5	9,511.2	13,220.6
Other		BBtu	1,278.0	\$12,024.6	1,278.0	1,278.0
			Total Costs:	\$2,387,217.5	222,836.5	453,270.1

EPACT Goal Buildings/Facilities
(Thou. Gross Square Feet)

1,863,169.3

Btu/GSF:

113509.6

EPACT Excluded Facilities

Petroleum use

33,160.4

Energy	Type	Consumption Units	Annual Consumption	Annual Cost (Thou. \$)	Site-Delivered Btu (Billion)	Est. Source Btu (Billion)
Electricity		MWH	2,747,562.6	\$178,836.9	9,374.7	28,426.3
Fuel Oil		Thou. Gal.	12,314.2	\$11,105.0	1,708.0	1,798.0
Natural Gas		Thou. Cubic Ft.	3,666,764.5	\$24,811.9	3,780.4	3,780.4
LPG/Propane		Thou. Gal.	14.6	\$29.3	1.4	1.4
Coal		S. Ton	7,963.5	\$483.1	195.7	195.7
Purch. Steam		BBtu	722.4	\$5,070.0	722.4	1,004.1
Other		BBtu	712.0	\$7,580.7	712.0	712.0
			Total Costs:	\$227,898.5	16,484.6	35,827.9

EPACT Excluded Facilities
(Thou. Gross Square Feet)

89,138.0

Btu/GSF:

185,045

ALL FACILITIES COMBINED

Energy	Type	Consumption Units	Annual Consumption	Annual Cost (Thou. \$)	Site-Delivered Btu (Billion)	Est. Source Btu (Billion)
Electricity		MWH	29,616,752.2	1,751,739.5	101,052.3	306,414.8
Fuel Oil		Thou. Gal.	240,176.4	189,407.4	33,312.5	33,312.5
Natural Gas		Thou. Cubic Ft.	73,587,027.6	459,277.2	75,868.2	75,868.2
LPG/Propane		Thou. Gal.	16,305.8	15,218.1	1,557.2	1,557.2
Coal		S. Ton	623,240.0	38,731.5	15,319.2	15,319.2
Purch. Steam		BBtu	10,233.6	121,155.5	10,233.6	14,224.7
Other		BBtu	1,990.0	19,585.2	1,990.0	1,990.0
			Total Costs:	2,595,114.4	239,333.1	448,696.8

All Facilities
(Thou. Gross Square Feet)

2,052,307.3

Btu/GSF:

115,517

1-5. WATER CONSUMPTION, COST AND EFFICIENCY MEASURES

	Consumption Units	Annual Consumption	Annual Cost (Thou. \$)
Water	Million Gal.	162,066.2	222,772.1

No changes

1-6 & 7 Renewable Energy from self-generation and RE purchases

Site-Delivered Btu (Billion)

Combined values from 1-6 & 7 from 2003 report using site-delivered conversions

3266.8

No changes

Detailed changes to DoD 2003 baseline

Component	Location	Facility	Reason for change	GSF	Electricity (BBtu)	Fuel Oil (BBtu)	Natl Gas (BBtu)	LPG / Propane (BBtu)	Coal (BBtu)	Steam (BBtu)	Other (BBtu)	Total (BBtu)	
Air Force	Multiple	Family housing	Privatized housing removed from baseline since it is not owned or operated by the services. The services do not pay the bill, nor can the services implement conservation.	85647.0	2543.8	73.5	3276.0	1.4				5894.7	
Air Force	Andersen Peak	Radar	Inability to influence conservation. Facilities were not exempted in 2003, but are being excluded now, so they must be removed from the baseline to reach compatible data.	1.0	0.1							0.1	
Air Force	Molokai AFS	Radar		7.0	5.2								5.2
Air Force	Pillar Point AFS	Radar		25.0	4.7								4.7
Air Force	Santa Ynez Peak	Radar		1.0	0.3								0.3
Air Force	Arnold	Testing		303.0	337.9								337.9
Air Force	Arnold	Testing		214.0	393.9								393.9
Air Force	Arnold	Testing		364.0	76.4								76.4
Air Force	Edwards	Testing		123.0	22.6								22.6
Air Force	Edwards	Testing		114.0	17.7								17.7
Air Force	Edwards	Testing		212.0	17.8								17.8
Air Force	Eglin	Lab		144.0	57.6								57.6
Air Force	Hill	Data		143.0	35.8								35.8
Air Force	Robins	Lab		37.0	8.6								8.6
Air Force	Robins	Lab		208.0	36.0								36.0
Air Force	Robins	Testing		430.0	117.5								117.5
Air Force	Wright-Patt	Data	237.0	71.7								71.7	
Air Force	Wright-Patt	Lab	407.0	74.3								74.3	
Air Force	Wright-Patt	Security	521.0	131.9								131.9	
Air Force		Renewable energy	Changes due to missing data in 2003		704.6						3.1	707.7	
Army	Multiple	Multiple	Changes to reflect actual data verse projected data that was used for the 2003 report. Also corrects errors in data reported for 2003.		1519.3	-342.2	-1717.3	238.0	1767.8	179.0	48.0	1692.6	
DECA	Europe	Multiple	DeCA corrected inaccurate 2003 consumption by using 2004 data for those facilities that fell outside the standard Btu/GSF range in 2003.	73.8	7.0	2.6	375.2	15.6	0.0	5.8	0.0	406.2	
Navy	Multiple	Family housing	Privatized housing removed from baseline since it is not owned or operated by the services. The services do not pay the bill, nor can the services implement conservation.	80961.0							3620.9	3620.9	
Navy	INACTSHIPFAC PEARL HARBOR HI	All	Closure under BRAC (Bbtu value is aggregated under other)	13.0							7.1	7.1	
Navy	COMNAVACT LONDON UK	All	Closure under BRAC (Bbtu value is aggregated under other)	967.0							93.2	93.2	
Navy	NAS KEFLAVIK IC	All	Closure under BRAC (Bbtu value is aggregated under other)	3512.0							197.4	197.4	
Navy	NAVSTA PASCAGOULA MS	All	Closure under BRAC (Bbtu value is aggregated under other)	461.0							86.4	86.4	
Navy	SERMC PASCAGOULA MS	All	Closure under BRAC (Bbtu value is aggregated under other)	42.0							9.3	9.3	
Navy	INACTSHIPFAC PHILA PA	All	Closure under BRAC (Bbtu value is aggregated under other)	36.0							21.9	21.9	
Navy	NAVSPASURFLDST A CHULA VISTA CA	All	Closure under BRAC (Bbtu value is aggregated under other)	66.0							66.1	66.1	
Navy	NAVSURFWARCEN DET MEMPHIS TN	Simulator	Excluded under EPAAct 2005	478.0							24.0	24.0	
Navy	Multiple	Multiple	Correction to reflect actual data verse projections and inaccurate GSF data	36605.0							1251.6	1251.6	
NGA	Multiple	Multiple	Includes leased GSF not reported in 2003	191.9								0.0	
NSA	Multiple	Multiple	Correction of reporting errors in 2003	655.3				0.8				0.8	
WHS	Washington DC	Henderson Hall	Data added to include facility which was not reported in 2003	496.7	13.0		24.6					37.8	