FY 2002 Federal Agency Energy Scorecard

Department/Agency Name	Contact Name and Phone
Department of Defense	CDR Kelly Snook (703) 697-6195
Name of Senior Energy Official	**Signature of Senior Energy Official**
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Did your agency . . .	Yes	No	Anticipated Submittal Date
Submit its FY 2002 energy report to OMB and DOE by January 1, 2003 (Sec. 303)?		X	February 28, 2003
Submit a FY 2003 Implementation Plan by January 1, 2003 (Sec. 302)?		X	February 28, 2003

Did your agency . . .	Yes	No	Comments
Implement or continue to use new renewable energy projects at Federal installations or facilitate the siting of renewable generation on Federal land in FY 2002 (Sec. 204)?[1] (Refer to Table 1-6 on the Energy Management Data Report)	X		If yes, how many projects and how much energy generated? (Specify unit: MWH or MMBtu) Solar 31 60,163.3 MWH Wind 6 8,330 MWH Thermal[2] 5,741 123,008.5 MWH Biomass 4 1,821,219 MMBtu Other RE 3 8,238 MWH
Purchase energy generated from new renewable energy sources in FY 2002 (Sec. 204)?[1]	X		If yes, how much: 447,887 MWH or _____ MMBtu
Invest direct FY 2002 appropriations in projects contributing to the goals of the Order (Sec. 301)?	X		If yes, how much: $ 60.6 M
Specifically request funding necessary to achieve the goals of the Order in its FY 2004 budget request to OMB (Sec. 301)?	X		If yes, how much: $ 68.6 M
Perform energy audits of 10% of its facility space during the fiscal year (Sec. 402)?	X		What percentage of facility space was audited during the FY? 10 % How much facility space has been audited since 1992? 79 %
Issue to private-sector energy service companies (ESCOs) any energy savings performance contract (ESPC) task orders (Sec. 403(a))? (Refer to Table 2-2 on the Energy Management Data Report)	X		How many? 32 Annual savings (MMBtu): 1,619,060 Total investment value[3]: $ 249.3 M Cumulative guaranteed cost savings: $ 640.5 M Contracts award value: $ 596.5 M
Issue any utility energy services contract (UESC) task orders (Sec. 403(a))? (Refer to Table 2-3 on the Energy Management Data Report)	X		How many? 41 Annual savings (MMBtu): 562,883 Total investment value[3]: $ 88.8 M Cumulative cost savings: $ 196.5 M Contracts award value: $ 123.2 M

1 "New" renewable energy means sources developed after 1990.

2 Examples are geothermal, solar thermal, and geothermal heat pumps. Thermal energy from geothermal heat pumps should be determined as follows: Thermal energy = Total geothermal heat transferred – electrical energy used.

3 Investment value includes design, materials, labor, overhead, and profit but excludes contractor's financing costs and government's administration costs. Using investment value allows comparison with other traditional execution methods such as appropriated and working capital funded projects.

Did your agency . . .	Yes	No	Comments
Incorporate energy efficiency requirements into relevant acquisitions (Sec. 403(b)(3))?	X		
Adopt and apply the sustainable design principles (e.g., Whole Building Design Guide, Leadership in Energy and Environmental Design) to the siting, design, and construction of new facilities or major (budget line item) renovations begun in FY 2002(Sec. 403(d))?	X		Number of new building design/construction projects in FY 2002: 323 Number of these projects that incorporated sustainable design principles: 144
Provide training to appropriate personnel[4] on energy management (Sec. 406(d))?	X		Number of appropriate personnel trained: 2,175 Total number of appropriate personnel: 3,376
Implement any additional management tools (Sec. 406)?	X		Check all that apply: Awards: X Performance Evaluations: X Showcase Facilities: X Number of Showcase: 12 Facilities designated in fiscal year: 9
Establish Water Management Plans and implement at least 4 Best Management Practices in at least 5% of agency facilities?	X		Number of facilities with Water Management Plans: 32

NOTE: Provide additional information if a •no• reply is used for any of the questions above.

Please enter data from annual energy report pertinent to performance toward the goals of Executive Order 13123	Base Year	Previous Year (2001)	Current Year[1] (2002)	% Change (Current vs. Base)
Site Energy Efficiency Improvement Goals (Sec. 202). 1985 Base Year	136,476.4 Btu/Ft^2	105,034.3 Btu/Ft^2	101,776.6 Btu/Ft^2	25.4 %
Source Energy Use (Sec. 206). 1985 Base Year	504,491.8 BBtu	388,282.6 BBtu	385,173.7 BBtu	23.7 %
Industrial/Energy Intensive Facilities Goals (Sec. 203). 1990 Base Year	213,348.5 Btu/ Ft^2	169,945.1 Btu/Ft^2	167,138.2 Btu/Ft^2	21.7%
Water Conservation Goal (Sec. 207). 2000 Base Year	173,261.1 MGal	N/A	160,573.9 MGal	7.3 %
Renewable Energy (Sec. 204). Energy used from self-generation and RE power purchases	N/A	2,244.6 BBtu	4,011 BBtu	N/A

Abbreviation Key: Btu/Ft^2 = British thermal units per gross square foot
Btu/unit = British thermal units per unit of productivity (or gross square foot when such a unit is inappropriate or unavailable)
MGal = Million gallons
MMBtu = Million British Thermal Units
BBtu = Billion British Thermal Units
RE = Renewable energy
N/A = Not applicable
[1] Current year (2002) Btu/ft^2 data incorporates renewable energy credit

4 Appropriate personnel include the agency energy management team as well as Federal employees and on-site contractors who are energy or facility managers, operations and maintenance workers, design personnel, procurement and budget staff, and legal counsel.