

## FY 2003 Federal Agency Energy Scorecard

Department/Agency Name	Contact Name and Phone
Department of Defense	LCDR Rob Tomiak (703) 697-6195
Name of Senior Energy Official	Signature of Senior Energy Official
Michael W Wynne	<i>Michael W Wynne</i>

Did your agency . . .	Yes	No	Anticipated Submittal Date
1. Submit its FY 2003 energy report to OMB and DOE by January 1, 2004 (Sec. 303)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February 28, 2004
2. Submit a FY 2004 Implementation Plan by January 1, 2004 (Sec. 302)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February 28, 2004
Did your agency . . .	Yes	No	Comments
3. Implement or continue to use renewable energy projects at Federal installations or facilitate the siting of renewable generation on Federal land in FY 2003 (Sec. 204)? (Report all self-generated renewable energy from projects installed after 1990; refer to Table 1-7 on the Energy Management Data Report)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If yes, how many projects and how much energy generated? (Specify unit: MWH or MMBtu) Solar <u>27</u> <u>3,220.2</u> <u>MWH</u> Wind <u>2</u> <u>1,123</u> <u>MWH</u> Thermal <sup>1</sup> <u>7,122</u> <u>79,360</u> <u>MWH</u> Biomass <u>19</u> <u>5,512</u> <u>MMBtu</u> Other RE <u>7</u> <u>181,922</u> <u>MWH</u>
4. Purchase energy generated from new renewable energy sources in FY 2003 (Sec. 204)? <sup>2</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If yes, how much: <u>\$37,282</u> MWH or _____ MMBtu
5. Invest direct FY 2003 appropriations in projects contributing to the goals of the Order (Sec. 301)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If yes, how much: <u>\$103.49M</u>
6. Specifically request funding necessary to achieve the goals of the Order in its FY 2005 budget request to OMB (Sec. 301)? (Refer to OMB Circular A-11, Section 25.5, Table 2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If yes, how much: <u>\$119.16M</u>
7. Perform energy audits of 10% of its facility space during the fiscal year (Sec. 402)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	What percentage of facility space was audited during the FY? <u>10.2</u> % How much facility space has been audited since 1992? <u>113.8</u> %
8. 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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	How many? <u>34</u> Annual savings (MMBtu): <u>3,422,658</u> Total investment value <sup>3</sup> : <u>\$309.5M</u> Cumulative guaranteed cost savings: <u>\$604.2M</u> Contracts award value: <u>\$549.9M</u>

1 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.

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

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
9. 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? <u>30</u> Annual savings (MMBtu): <u>744,930</u> Total investment value <sup>3</sup> : <u>\$112.6M</u> Cumulative cost savings: <u>\$221.7M</u> Contracts award value: <u>\$148.2M</u>
10. Incorporate energy efficiency requirements into relevant acquisitions (Sec. 403(b)(3))?	X		
11. Adopt and apply the sustainable design principles (e.g., Whole Building Design Guide, Leadership in Energy and Environmental Design (LEED)) to the siting, design, and construction of new facilities or major (budget line item) renovations begun in FY 2003 (Sec. 403(d))?	X		Number of new building design/construction projects in FY 2003: <u>234</u> Number of these projects that can or will be certified under LEED: <u>200</u>
12. Provide training to appropriate personnel <sup>4</sup> on energy management (Sec. 406(d))?	X		Number of appropriate personnel trained: <u>3,255</u> Total number of appropriate personnel: <u>3,636</u>
13. Implement any additional management tools (Sec. 406)?	X		Check all that apply: Awards: <u>X</u> Performance Evaluations: <u>X</u> Showcase Facilities: <u>X</u> Number of Showcase Facilities designated in fiscal year: <u>13</u>
14. Establish Water Management Plans (WMPs) and implement at least 4 Best Management Practices (BMPs) in at least 10% of agency facilities (Sec. 207,503(f))?		X	Number of facilities with WMPs and 4 BMPs: <u>77</u> Number of facilities in agency inventory: <u>845</u>

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 (2002)	Current Year (2003)	% Change (Current vs. Base)
15. Site Energy Efficiency Improvement Goals (Sec. 202). 1985 Base Year	136,916.4 Btu/Ft <sup>2</sup>	101,747.9 Btu/Ft <sup>2</sup>	101,171.4 Btu/Ft <sup>2</sup>	26.1 %
16. Source Energy Use (Sec. 206). 1985 Base Year	558,141.3 BBtu	437,271.7 BBtu	432,021.4 BBtu	22.6 %
17. Industrial/Energy Intensive Facilities Goals (Sec. 203). 1990 Base Year	213,348.9 Btu/unit	161,158.3 Btu/unit	171,635.6 Btu/unit	19.6 %
18. Water Conservation Goal (Sec. 207). 2000 Base Year	173,261.1 MGal	N/A	162,096.0 MGal	6.4 %
19. Renewable Energy (Sec. 204) Energy used from self-generation and RE purchases	N/A	4,022.2 BBtu	3,266.5 BBtu	N/A

Abbreviation Key: Btu/Ft<sup>2</sup> = 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

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.