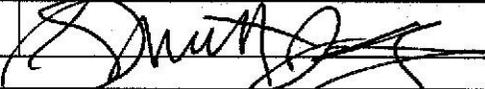


FY 2005 Federal Agency Energy Scorecard

Department/Agency Name	Contact Name and Phone
Department of Defense	CDR Rob Tomiak (703) 571-9074
Name of Senior Energy Official	Signature of Senior Energy Official
Kenneth J. Krieg	

Did your agency . . .	Yes	No	Anticipated Submittal Date
1. Submit its FY 2005 energy report to OMB and DOE by January 1, 2006 (Sec. 303)?	X		
2. Submit a FY 2006 Implementation Plan by January 1, 2006 (Sec. 302)?	X		

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 2005 (Sec. 204)? (Report all self-generated renewable energy from projects installed after 1990; refer to Table 1-7 on the Energy Management Data Report)	X		If yes, how many projects and how much energy generated? (Specify unit: MWH or MMBtu) <table style="margin-left: 20px; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"># Projects</th> <th style="text-align: center;">Energy</th> <th style="text-align: center;">Unit</th> </tr> </thead> <tbody> <tr> <td>Solar</td> <td style="text-align: center;">87</td> <td style="text-align: center;">6,638.3</td> <td style="text-align: center;">MWH</td> </tr> <tr> <td>Wind</td> <td style="text-align: center;">8</td> <td style="text-align: center;">8,592</td> <td style="text-align: center;">MWH</td> </tr> <tr> <td>Thermal¹</td> <td style="text-align: center;">8471</td> <td style="text-align: center;">1,600,489</td> <td style="text-align: center;">MMBtu</td> </tr> <tr> <td>Biomass</td> <td style="text-align: center;">2</td> <td style="text-align: center;">22,502</td> <td style="text-align: center;">MMBtu</td> </tr> <tr> <td>Other RE</td> <td style="text-align: center;">69</td> <td style="text-align: center;">97,985</td> <td style="text-align: center;">MMBtu</td> </tr> </tbody> </table>		# Projects	Energy	Unit	Solar	87	6,638.3	MWH	Wind	8	8,592	MWH	Thermal ¹	8471	1,600,489	MMBtu	Biomass	2	22,502	MMBtu	Other RE	69	97,985	MMBtu
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4. Purchase energy generated from new renewable energy sources in FY 2005 (Sec. 204)? ² (Refer to Table 1-6 on the Energy Management Data Report)	X		If yes, how much: <u>1,381,889</u> MWH or _____ MMBtu																								
5. Invest direct FY 2005 appropriations in projects contributing to the goals of the Order (Sec. 301)?	X		If yes, how much: <u>\$188,949</u>																								
6. Specifically request funding necessary to achieve the goals of the Order in its FY 2007 budget request to OMB (Sec. 301)? (Refer to OMB Circular A-11, Section 25.5, Table 2)	X		If yes, how much: <u>\$246,890</u>																								
7. Perform energy audits of 10% of its facility space during the fiscal year (Sec. 402)?	X		Total square footage of facility space audited this FY? <u>225,129</u> (sf) Total square footage of facility space? <u>2,111,411</u> (sf) What percentage of facility space was audited during the FY? <u>10.7</u> (%) How much facility space has been audited since 1992? <u>128.2</u> (%)																								
8. Issue to private-sector energy service companies (ESCOs) any energy savings performance contract (ESPC) delivery orders (Sec. 403(a))? (Refer to Table 2-2 on the Energy Management Data Report)	X		How many? <u>15</u> Annual savings (MMBtu): <u>456,536</u> Total investment value ³ : <u>\$71,192</u> Cumulative guaranteed cost savings: <u>\$141,685</u> Award value: <u>\$140,955</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) delivery orders (Sec. 403(a))? (Refer to Table 2-3 on the Energy Management Data Report)	X		How many? <u>22</u> Annual savings (MMBtu): <u>602,368</u> Total investment value ³ : <u>\$63,648</u> Cumulative cost savings: <u>\$140,361</u> Award value: <u>\$83,524</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 2005 (Sec. 403(d))?	X		Number of new building (or major renovation) design/construction projects in FY 2005: <u>867</u> Number of these projects that can or will be certified under LEED: <u>254</u>
12. Provide training to appropriate personnel ⁴ on energy management (Sec. 406(d))?	X		Number of appropriate personnel trained: <u>3,481</u> Total number of appropriate personnel: <u>7,174</u>
13. Implement any additional management tools (Sec. 406)?	X		Check all that apply: Awards: <u>X</u> Performance Evaluations: <u>X</u> Total Showcase Facilities: <u>55</u> Number of Showcase Facilities designated in fiscal year: <u>3</u>
14. Establish Water Management Plans (WMPs) and implement at least 4 Best Management Practices (BMPs) in at least 20% of agency facilities (Sec. 207, 503(f))?	X		Number of facilities with WMPs and 4 BMPs: <u>195</u> Number of facilities in agency inventory: <u>961</u>

NOTE: Provide additional information below 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 (2004)	Current Year (2005)	% Change (Current vs. Base)
15. Site Energy Efficiency Improvement Goals (Sec. 202), 1985 Base Year	136,916.4 Btu/Ft ²	101,556.8 Btu/Ft ²	98,203.8 Btu/Ft ²	28.3 %
16. Industrial/Energy Intensive Facilities Goals (Sec. 203), 1990 Base Year	213,348.9 Btu/unit	192,398.5 Btu/unit	167,222.4 Btu/unit	21.6 %
17. Source Energy Use (Sec. 206), 1985 Base Year	558,551.8 BBtu	428,683.2 BBtu	465,121.2 BBtu	16.7 %
18. Water Conservation Goal (Sec. 207), 2000 Base Year	173,276.8 MGal	146,216.9 MGal	124,292.9 MGal	28.3 %
19. Renewable Energy (Sec. 204) Energy used from self-generation and RE purchases	N/A	3,838 BBtu	8,346.4 BBtu	N/A

Abbreviation Key: Btu/Ft² = 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.