





**ENERGY MANAGEMENT SCORECARD  
DEPARTMENT OF AGRICULTURE**

	CURRENT STATUS (As of January 1, 2007) <sup>1</sup>	PROGRESS	COMMENTS
<p><b>ENERGY MANAGEMENT</b></p> <p><b>Senior Energy Official:</b> Boyd K. Rutherford</p> <p><b>Lead DOE Analyst:</b> Brad Gustafson</p> <p><b>Lead OMB Analysts:</b> Cyndi Vallina and Rob Sandoli</p>	<p align="center"></p> <p align="center">Green</p> <p align="center">↑ from Red</p> <p>• 2005 reduction in energy intensity in standard buildings compared with 1985: <u>30.6%</u> (Information only; no impact on score)</p> <p>• Reduction in energy intensity in EPACT goal-subject facilities compared with 2003: <u>X</u> 2 percent and on track for 20 percent by 2015 <u>9.8%</u> in 2006 (G) ___ 1 percent ___ (Y)</p> <p>• Use of renewable energy as a percent of facility electricity use: <u>X</u> 2.5 percent <u>4.7%</u> in 2006 (G) ___ 2.0 percent ___ (Y)</p> <p>• Metering plan to meter energy use in 100 percent of appropriate facilities by 2012: <u>X</u> On track in implementing plan 2006 (G) <u>X</u> Plan approved by DOE 2006 (Y)</p> <p>• Percent of new building designs begun in FY 2007 that are 30 percent more energy efficient than relevant code: <u>NA</u> 100 percent ___(date)_(G) <u>NA</u> 50 percent ___(date)_(Y)</p>	<p><u>Actions taken since July 1, 2006:</u></p> <ul style="list-style-type: none"> <li>Issued policy guidance to departmental agencies on meeting EPACT renewable energy goals.</li> <li>Issued guidance to USDA agencies for developing agency metering plans.</li> <li>Finalized USDA Strategic Implementation Plan for Energy Management.</li> <li>Submitted annual energy report on 12/21/06 to DOE.</li> <li>USDA's Office of Budget and Program Analysis sent funding request exhibit to OMB.</li> </ul> <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> <li>Achieve key milestones of the USDA Metering Plan:               <ul style="list-style-type: none"> <li>USDA land-holding agencies complete agency metering plans</li> <li>USDA land-holding agencies conduct infrastructure survey of existing meters.</li> </ul> </li> <li>Incorporate USDA Metering Plan tracking into USDA's Real Property Three Year Rolling Timeline.</li> <li>Purchase renewable energy credits equal to 3% of USDA's projected FY 2007 electricity consumption.</li> <li>Develop and submit list of all new building projects starting design phase in FY 2007 subject to EPACT Section 109.</li> </ul>	<ul style="list-style-type: none"> <li>USDA Status improved from Red to Green as it was able to meet all of the current Green standards for success. USDA Progress remains Green as it completed all planned actions for the last 6 months.</li> <li>In FY 2006, compared to FY 2003, USDA's reduction in energy intensity was 7.9% without the credit for renewable energy purchases.</li> <li>USDA is showing investment in energy efficiency of only \$1 million in FY 2006, 1.3% of its facility energy costs. If appropriations are not forthcoming, USDA should consider the use of ESPC or UESC contracts for its potential projects.</li> </ul>

<sup>1</sup> Status will be updated once annually (Jan 1) to reflect performance data collected at the end of each fiscal year. Progress will be assessed twice annually (Jan and July). Quantitative standards for success for Yellow and Green will increase each year in accordance with requirements of Executive Order 13123 or the 2005 Energy Policy Act.



**ENERGY MANAGEMENT STANDARDS FOR SUCCESS**

 <p>Agency:</p> <ul style="list-style-type: none"> <li>Has reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 2 percent compared with 2003 and is on track for 20 percent reduction by 2015.</li> <li>Uses at least 2.5 percent renewable energy as a percentage of facility electricity use.</li> <li>Has a metering plan approved by OMB and DOE and is on track in implementing the plan to meter energy use in 100 percent of appropriate facilities by 2012.</li> <li>Demonstrates that 100 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective.</li> </ul>	 <p>Agency:</p> <ul style="list-style-type: none"> <li>Has reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 1 percent compared with 2003.</li> <li>Uses at least 2.0 percent renewable energy to power facilities and equipment.</li> <li>Has a metering plan approved by OMB and DOE to meter energy use in 100 percent of appropriate facilities by 2012.</li> <li>Demonstrates that at least 50 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective.</li> </ul>	 <p>Agency:</p> <ul style="list-style-type: none"> <li>Has not yet reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 1 percent compared with 2003.</li> <li>Does not use at least 2.0 percent renewable energy to power facilities and equipment.</li> <li>Does not have a metering plan approved by OMB and DOE to meter energy use in 100 percent of appropriate facilities by 2012. Plan must have follow DOE guidance and contain action items and milestones.</li> <li>Cannot demonstrate that at least 50 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective.</li> </ul>
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