

**ENERGY MANAGEMENT SCORECARD
DEPARTMENT OF AGRICULTURE**

	CURRENT STATUS (As of January 1, 2009) ¹	PROGRESS	COMMENTS
<p>ENERGY MANAGEMENT</p> <p>Senior Official: Pearlie Reed, Assistant Secretary for Administration</p> <p>Lead DOE Analyst: Richard Kidd</p> <p>Lead OMB Analysts: Cyndi Vallina and Rob Sandoli</p>	<p align="center"> Green</p> <ul style="list-style-type: none"> Reduction in energy intensity in goal-subject facilities compared with 2003: <u>X</u> 9 percent and on track for 30 percent in 2015 (G) ___ 7 percent (Y) Use of renewable energy as a percent of facility electricity use: <u>X</u> 1.5 percent from new sources (thermal, mechanical, or electric) AND total of 3 percent from renewable electricity sources (G) ___ 3 percent from any renewable thermal, mechanical or electric renewable energy source (Y) ___ Less than 3 percent from any renewable energy sources (R) On track to meter electricity use in 100 percent of appropriate facilities by 2012: <u>X</u> Has metered at least 10 percent of appropriate facilities (G) ___ Meets all metering plan milestones and has metered at least 5 percent of appropriate facilities (Y) Reduction in water intensity compared with 2007: <u>X</u> 2 percent and on track for 16 percent in 2015 (G) ___ Has submitted final 2007 water baseline data and reported a reduction from the baseline (Y) Percent of new building designs begun since October 1, 2006 that are 30 percent more energy efficient than relevant code: <u>X</u> 100 percent (G) ___ 75 percent (Y) 	<p align="center"> Green</p> <p><u>Actions taken since January 1, 2009:</u></p> <ul style="list-style-type: none"> Submitted findings of comprehensive evaluations conducted for approximately 27% of EISA Section 432 "Covered Facility" gross square footage. Submitted list of new building projects starting design phase in FY 2009, subject to EPACT Section 109. Achieved all Metering Plan milestones due by 6/30/09, including installing 138 advanced meters at 101 priority facilities. Completed system development & testing of "Sustainability" module to USDA Management Initiative Tracking System (MITS) to track and evaluate individual agency progress related to OMB Scorecard metrics. <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> Conduct comprehensive evaluations in at least 10 more EISA Section 432 "Covered Facilities." Provide USDA Water Conservation Guidance Implementation Training to at least 10 energy managers and facilities personnel within USDA. Perform Beta testing of enhanced USDA financial management system designed to better track utility/energy data. Complete FY09 energy management reporting requirements. 	<ul style="list-style-type: none"> USDA Status remains Green as only Progress is assessed in July. USDA Progress remains Green as it completed all 4 planned actions for the last 6 months and proposed acceptable planned actions for next 6 months. <p>FY 2008 Summary Results:</p> <ul style="list-style-type: none"> Reduced energy intensity 21.7% from 2003 (20.7% w/o credit for renewable energy purchases); Used eligible renewable electricity equivalent to 3.1% of total electricity use w/2.3% from new renewable sources; Reduced water intensity 20.6%; 100% (6) new building designs are designed to be 30% more energy efficient than relevant code; Invested \$8.9 million in energy and water efficiency, 11.3% of annual energy costs (4.3% in ESPC/UESC).

¹ Status is updated once annually (Jan 1) to reflect performance data collected at the end of each fiscal year. Progress is assessed twice annually (Jan and July). Quantitative standards for success for Yellow and Green will increase each year in accordance with new statutory or EO requirements.

ENERGY MANAGEMENT STANDARDS FOR SUCCESS

		
<p>Agency:</p> <ul style="list-style-type: none"> • Has reduced energy intensity (Btu/GSF) in EISA goal-subject facilities by 9 percent compared with 2003 and is on track for 30 percent reduction by 2015. • Uses at least 3 percent electricity from renewable sources as a percentage of facility electricity use. At least 1.5 percent of facility electricity use must come from new sources (placed in service after 1999). Thermal and mechanical renewable can be included in the 1.5% new requirement, but not the 3% goal. For example, if an agency meets all of the new sources requirement with thermal or mechanical energy (1.5 percent) they would still need an additional 3 percent from renewable electricity sources. • Is implementing its approved metering plan in appropriate facilities and has metered at least 10 percent of appropriate facilities. • Has reduced water intensity by at least 2 percent from final 2007 baseline. • For buildings that meet agency's capital planning threshold, demonstrate that 100% of new building designs started after 10/1/06, are 30% 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. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has reduced energy intensity (Btu/GSF) in EISA goal-subject facilities by 7 percent compared with 2003. • Uses at least 3 percent renewable energy from electric, thermal or mechanical sources to power facilities and equipment; but less than half was obtained from new sources (placed in service after 1999) or part of the requirement was met with thermal and mechanical renewable energy. • Is implementing its metering plan, has met all current milestones and has metered at least 5 percent of appropriate facilities. • Has submitted final 2007 water consumption data and has reported some reduction in water intensity from the baseline. • For buildings that meet agency's capital planning threshold, demonstrate that at least 75% of new building designs started after 10/1/06, are 30% 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. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has not yet reduced energy intensity (Btu/GSF) in EISA goal-subject facilities by 7 percent compared with 2003. • Does not use at least 3 percent renewable energy from electric, thermal or mechanical sources to power facilities and equipment. • Has not met all milestones in an approved metering plan or has not metered at least 10 percent of appropriate facilities. • Has not submitted 2007 baseline water consumption data or has not demonstrated a reduction in water intensity from the baseline. • Cannot demonstrate that at least 75 percent of new building designs started after 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.