



Department of Energy
Office of Legacy Management

December 17, 2010

MEMORANDUM FOR DAVID W. GEISER, DIRECTOR, DOE-LM-1

FROM: TRACY A. RIBEIRO, ENVIRONMENTAL PROGRAM
MANAGER, DOE-LM

Tracy Ribeiro
2010.12.17 08:47:34 -07'00'

SUBJECT: Approval of FY 2011 EMS Goals and Initiatives

In accordance with the requirements of the DOE-LM *Environmental Management System Description*, the highlighted EMS goals and initiatives for FY 2011 are enclosed for your formal approval.

The EMS goals and initiatives align with DOE Order 450.1A, *Environmental Protection Program*; DOE Order 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*; the Transformational Energy Action Management (TEAM) Initiative, Executive Order 13423, *Strengthening Federal Environmental, Energy and Transportation Management*, and Executive Order 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*. The EMS Sustainability Teams are pursuing activities to achieve the specified goals in these documents. However, the enclosed goals and initiatives were chosen by the EMS Sustainability Teams as those that should be highlighted to the general workforce. The FY 2011 goals were presented to S.M. Stoller and DOE-LM management during the annual EMS Management Review on July 22, 2010.

Attachment

c w/attachment:
RC-Grand Junction

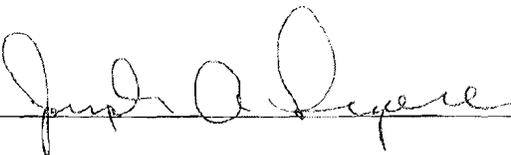
Ribeiro/12-13-10 EMS Goals Memo.doc

EO 13514 goals	LM targets for FY2011	EMS Program Team
<p>EO 13514 (2)(d) improve water use efficiency and management by:</p> <ul style="list-style-type: none"> (i) reducing potable water consumption intensity by 2 percent annually through fiscal year 2020, or 26 percent by the end of fiscal year 2020, relative to a baseline of the agency's water consumption in fiscal year 2007, by implementing water management strategies including water-efficient and low-flow fixtures and efficient cooling towers; (ii) reducing agency industrial, landscaping, and agricultural water consumption by 2 percent annually or 20 percent by the end of fiscal year 2020 relative to a baseline of the agency's industrial, landscaping, and agricultural water consumption in fiscal year 2010; 	<p>Implement two non-potable freshwater water efficiency improvements at the Tuba City site.</p>	<p>Program 3: Water Conservation</p>
<p>EO 13514 (2) (h) advance sustainable acquisition to ensure that 95 percent of new contract actions including task and delivery orders, for products and services with the exception of acquisition of weapon systems, are energy-efficient (Energy Star or Federal Energy Management Program (FEMP) designated), water-efficient, biobased, environmentally preferable (e.g., Electronic Product Environmental Assessment Tool [EPEAT] certified), non-ozone depleting, contain recycled content, or are non-toxic or less-toxic alternatives, where such products and services meet agency performance requirements;</p>	<p>Advance sustainable acquisition by striving for 95 percent of new contract actions, including task/release and blanket orders, but excluding all credit card purchases, for products and services to be environmentally preferable, in accordance with Executive Order 13514 (subject to certain qualifications and limitations).</p>	<p>Program 4: Sustainable Acquisition</p>
<p>EO 13514 (2)(a)</p> <ul style="list-style-type: none"> (iii) reducing the use of fossil fuels by: <ul style="list-style-type: none"> (a) using low greenhouse gas emitting vehicles including alternative fuel vehicles; (b) optimizing the number of vehicles in the agency fleet; and (c) reducing, if the agency operates a fleet of at least 20 motor vehicles, the agency fleet's total consumption of petroleum products by a minimum of 2 percent annually through the end of fiscal year 2020, relative to a baseline of fiscal year 2005; 	<p>Increase the ratio of alternative fuel use to conventional fuel use by 20 percent compared to the FY 2009 ratio.</p>	<p>Program 7: Vehicle and Fuel</p>
<p>EO 13514 (2)(e) promote pollution prevention and eliminate waste by:</p> <ul style="list-style-type: none"> (i) minimizing the generation of waste and pollutants through source reduction; (ii) diverting at least 50 percent of non-hazardous solid waste, excluding construction and demolition debris, by the end of fiscal year 2015; (iii) diverting at least 50 percent of construction and demolition materials and debris by the end of fiscal year 2015; 	<p>Achieve 50 percent waste diversion for the combined total of construction and demolition debris and non-hazardous solid waste.</p>	<p>Program 5: Waste Minimization and Pollution Prevention</p>

EO 13514 goals	LM Initiatives for FY2011	Submittal or Reporting Method
EO 13514 (2)(a) (ii) increasing agency use of renewable energy and implementing renewable energy generation projects on agency property	To evaluate the installation of PV systems at western LM sites.	Program 2: Renewable Energy
EO 13514 (2)(a) (i) reducing energy intensity in agency buildings;	Safely modify treatment operations at the Fernald and Tuba City treatment facilities to reduce electricity consumption.	Program 1: Energy conservation and Greenhouse Gases
EO 13514 (2)(g) (iii) ensuring that at least 15 percent of the agency's existing buildings (above 5,000 gross square feet) and building leases (above 5,000 gross square feet) meet the Guiding Principles by fiscal year 2015 and that the agency makes annual progress toward 100-percent conformance with the Guiding Principles for its building inventory;	Identify and evaluate sites transitioning to and from LM by 2015.	Program 6: Sustainable Buildings
EO 13514 (2)(i) promote electronics stewardship, in particular by: (v) implementing best management practices for energy-efficient management of servers and Federal data centers;	Complete actions that conserve energy in the Morgantown and Grand Junction data centers.	Program 8: Electronic Stewardship
LM goal 1 Protect human health and the environment through effective and efficient long term surveillance and maintenance	Identify an opportunity to improve land stewardship at two LM sites.	Program 9: Land Stewardship

FY 2011 EMS Goals and Initiatives

Approvals:

Signature:  Date: December 13, 2010

Joseph A. Legare
Program Manager
Legacy Management Services

Signature:  Date: 12/23/10

David W. Geiser
Director
U.S. Department of Energy, Office of Legacy Management