Social Security Administration

Strategic Sustainability Performance Plan

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POLICY STATEMENT

The Social Security Administration (SSA) touches the lives of virtually every person in America. We run one of the Nation's largest entitlement programs and the Supplemental Security Income program, providing financial support for the Nation's aged, blind, and disabled adults and children with limited resources. While fulfilling our mission to provide economic security to many individuals, we will continue our history of promoting a clean energy economy, environmental leadership, and sustainability. We will work cooperatively with other Federal, State, county, and local governments to promote sound environmental management practices while providing a safe and healthy work environment for our employees.

We are pleased to publish this Strategic Sustainability Performance Plan, which provides our agency with a structured, systematic approach for managing environmental and regulatory responsibilities to continuously improve overall environmental stewardship.

To promote environmental stewardship, our officials will:

- Comply with all environmental and energy-related statutes, Executive Orders, and any applicable Federal, State, and local regulations.
- Consider environmental aspects when making planning, purchasing, operating, and budgetary decisions.
- Continue our employee awareness campaign to educate and encourage employees to reduce energy consumption and water usage, reduce the amount of waste produced, and promote re-use and recycling whenever possible.
- Continue improving environmental stewardship by setting environmental goals, measuring progress, taking corrective action when necessary, and communicating the results.
- Incorporate climate change and adaptation considerations in our agency operations.
- Communicate and reinforce this policy throughout the agency.

We are pleased to promote environmental leadership and sustainability at SSA.

Michael J. Keegan

Senior Sustainability Officer

EXECUTIVE SUMMARY

Progress in Fiscal Year 2011

The Social Security Administration achieved some notable successes in fiscal year (FY) 2011. We reduced Scope 1 and 2 greenhouse gas (GHG) emissions by more than 25 percent in FY 2011 compared to the FY 2008 baseline. Our purchase of renewable energy was the prime driver for this reduction: the amount of electricity coming from renewable energy was five times larger in FY 2011 than in FY 2008. The purchase of renewable energy was not the only reason for our success, as our stationary sources of GHG emissions from facility energy consumption were 6.6 percent lower in FY 2011 than in FY 2008.

Reducing our Scope 3 GHG emissions has been more challenging. Emissions generated by our commuting employees dominated our Scope 3 emissions, and these emissions rose in FY 2011 due to the hiring of an additional 2,000 employees in FY 2010 and FY 2011. However, significant reductions in emissions from contracted solid waste and the decrease in employee business air and ground travel offset the increase in emissions secondary to commuters. Overall, Scope 3 emissions, increased by only 0.9 percent compared to the baseline. Despite this increase, we expect to achieve our long-term goal of reducing overall Scope 3 emissions by 13 percent by FY 2020.

We reduced energy intensity by 1.8 percent in FY 2011 relative to a FY 2003 baseline, falling short of the 18 percent goal established by Executive Order (EO) 13423, primarily due to the additional 2,000 employees. However, we hired contractors to conduct energy audits in three of our nine delegated facilities in FY 2010 and FY 2011, and are implementing the recommended energy efficiency measures. We are also procuring energy savings performance contracts (ESPC) for water as well as energy that will improve the efficiency of our operations. We substantially surpassed the target for potable water intensity in FY 2011, delivering a reduction from the FY 2007 baseline of almost 16 percent, compared to the target value of 8 percent. We also exceeded our target for non-hazardous solid waste diversion, avoiding the disposal of 70 percent of our waste stream compared to the EO 13514 goal of 50 percent and the agency goal of 62 percent.

We reduced fleet petroleum consumption by almost 32 percent in FY 2011 relative to the FY 2005 baseline, far exceeding the EO 13423 target of 12 percent. We increased the use of alternative fuel by 3,811 percent in FY 2011 over the baseline, through a combination of replacing conventional fuel vehicles with alternative fuel vehicles (AFV), fueling AFVs using our Headquarters' fueling station, and training fleet liaisons. In FY 2011, we replaced all eligible gasoline vehicles with AVFs or hybrids.

Vision for Fiscal Year 2013

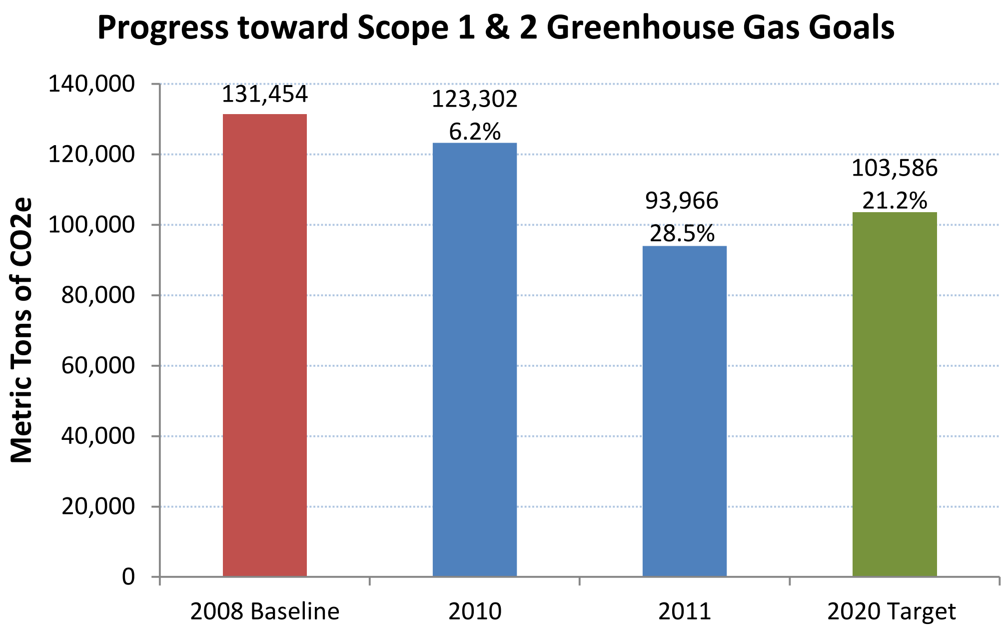
Our sustainability strategy will reduce reliance on fossil fuels. We will achieve this result by continuing to implement energy conservation measures from the 2011 energy audit of Headquarters facilities, reducing fleet petroleum consumption, purchasing renewable energy, and awarding ESPCs in FY 2013. We released Notice of Opportunities for ESPCs for Headquarters and the National Computer Center in March 2012, representing an estimated $8.1 million investment. The ESPCs will address water as well as energy, advancing our progress on Goals 1, 2, and 4. In FY 2013, we will install sub-meters for electricity in our data centers and integrate the meters into our energy information systems. The data center improvements will also include the addition of meters for water. Also, we do not currently meter our landscaping water consumption separately, but next year we will begin using the Department of Energy's Federal Energy Management Program guide, entitled "Guidelines for Estimating Unmetered Landscaping Water Use," to estimate consumption. We will continue to replace all leased gasoline-powered vehicles with AFVs or hybrids as leases expire. To increase the amount of recyclable materials diverted from the waste stream, we will implement single-stream recycling at our Headquarters complex in FY 2012.

SIZE AND SCOPE OF AGENCY OPERATIONS

Agency Size and Scope	**FY 2011**
Total Number of Employees as Reported in the President's Budget	67,094
Total Acres of Land Managed	0
Total Number of Facilities Owned	0
Total Number of Facilities Leased (GSA and Non-GSA lease)	1,718
Total Facility Gross Square Feet (GSF)	25,624,939
Operates in Number of Locations Throughout U.S.	1,634
Operates in Number of Locations Outside of U.S.	0
Total Number of Fleet Vehicles Owned	7
Total Number of Fleet Vehicles Leased	499

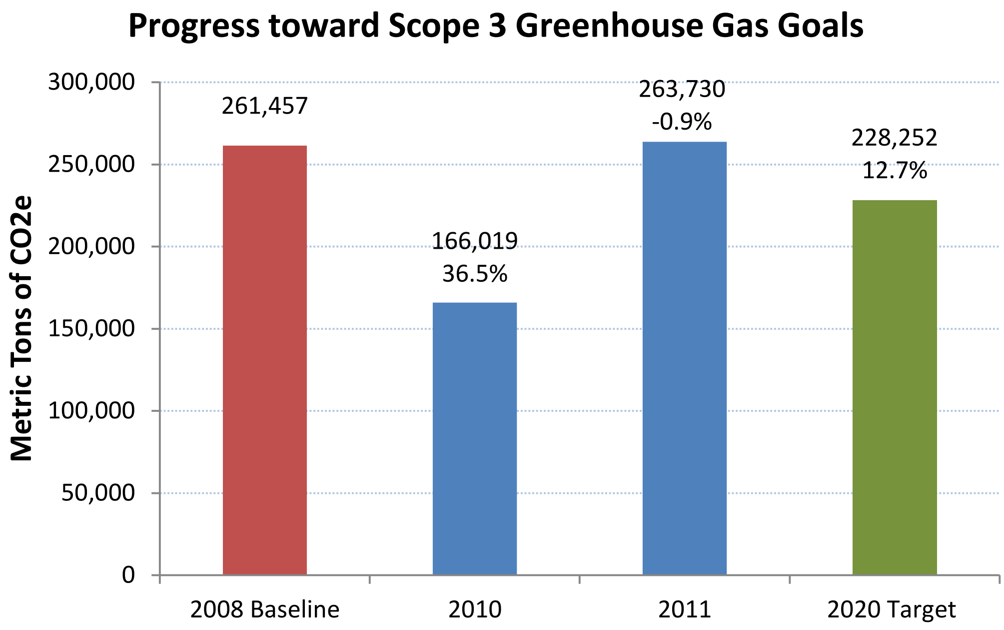
GOAL 1: GREENHOUSE GAS REDUCTION AND MAINTENANCE OF AGENCY COMPREHENSIVE GREENHOUSE GAS INVENTORY

Agency-Specific Performance Metrics for Scope 1 & 2 GHG Emissions Reduction:



Note: E.O. 13514 requires each agency to establish a scope 1 & 2 GHG reduction target for FY2020. The target for this agency is 21.2% compared to FY2008. The red bar represents the agency's FY2008 baseline. The green bar represents the FY2020 target reduction. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2008 baseline.

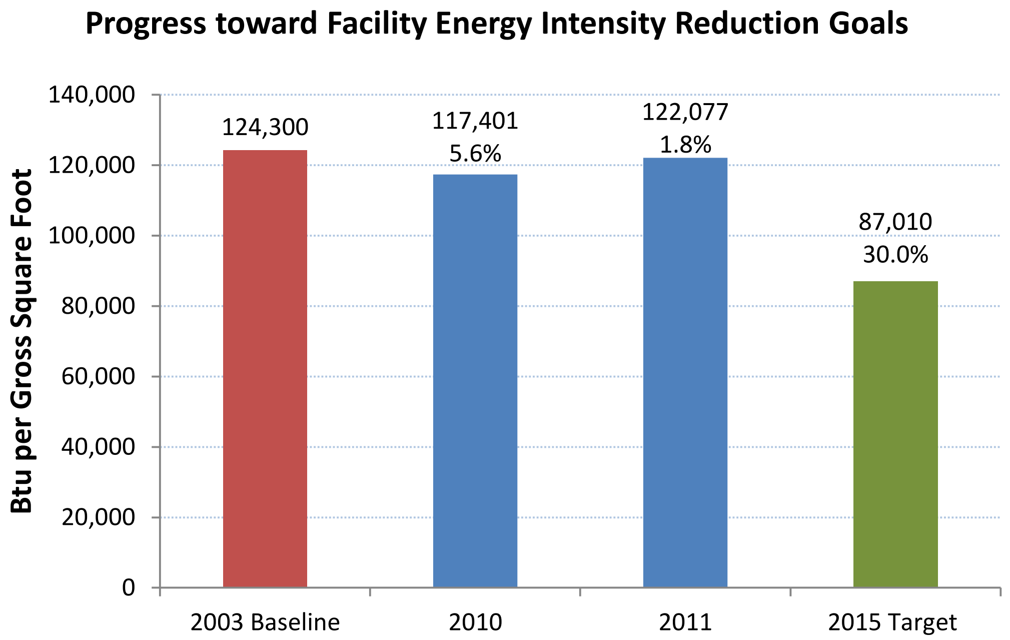
Agency-Specific Performance Metrics for Scope 3 GHG Emissions Reduction:



Note: E.O. 13514 requires each agency to establish a scope 3 GHG reduction target for FY2020. The FY2020 target for this agency is 12.7% compared to the FY2008 baseline. The red bar represents the agency's FY2008 baseline. The green bar represents the FY2020 target reduction. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2008 baseline. A negative percentage reflects an increase in scope 3 greenhouse gas emissions.

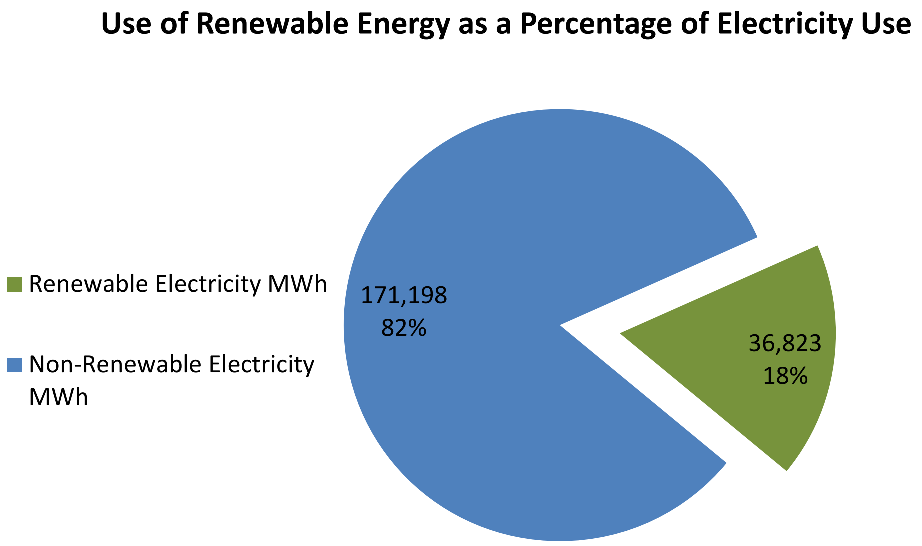
GOAL 2: BUILDINGS

Agency-Specific Performance Metrics for Facility Energy Intensity Reduction:



Note: EISA requires agencies to reduce energy intensity by 18% for FY2011, compared to an FY2003 baseline; a 30% reduction is required by FY2015. The red bar represents the agency's FY2003 baseline. The green bar represents the FY2015 target reduction. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2003 baseline.

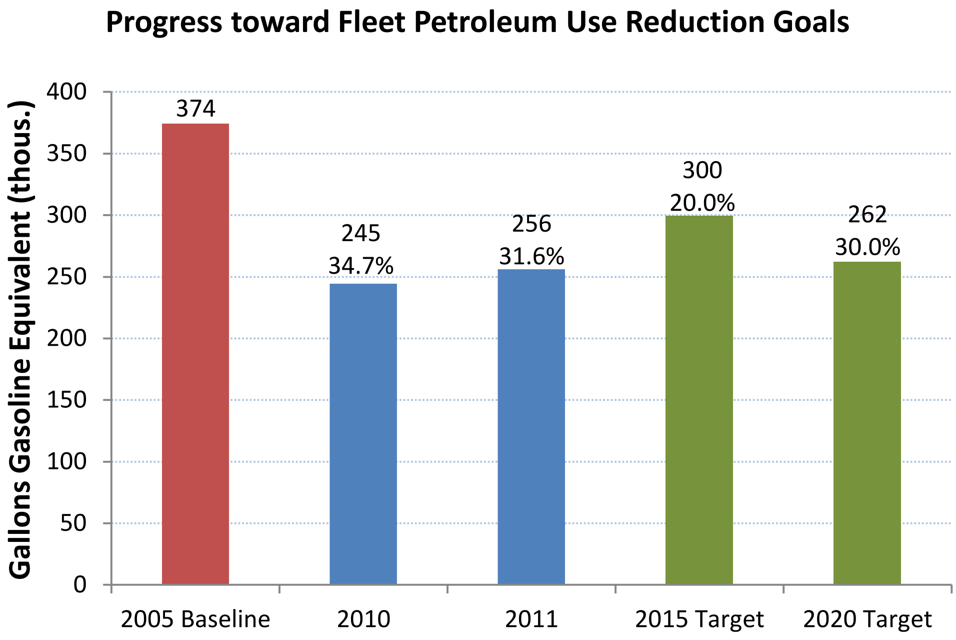
Agency-Specific Performance Metrics for Renewable Energy:



Note: EPAct requires agencies to increase the use of renewable energy as a percentage of electricity use to 5% by FY2010-2012 and 7.5% by FY2013 and beyond.

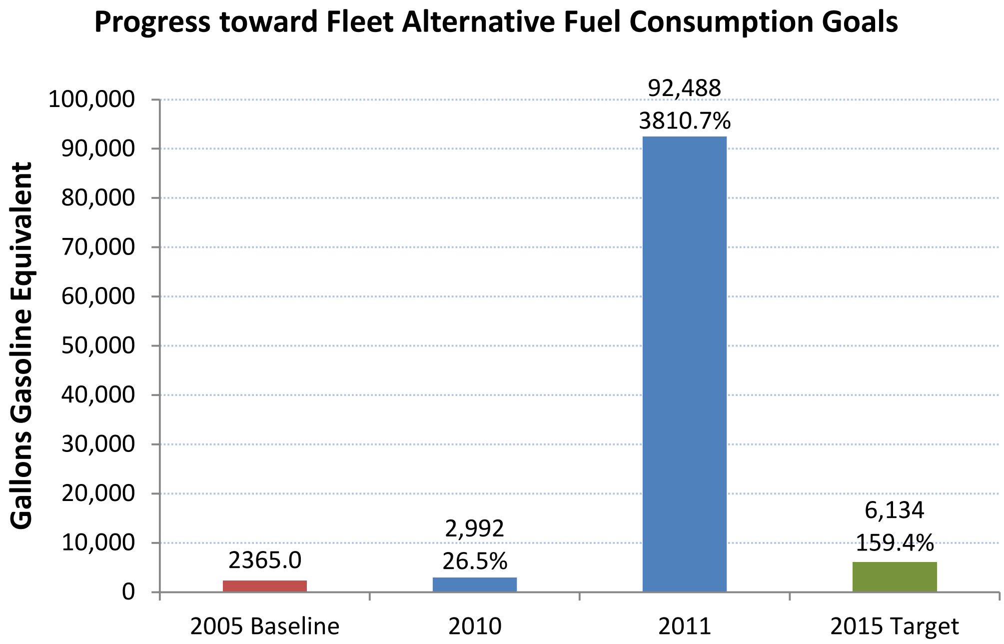
GOAL 3: FLEET MANAGEMENT

Agency-Specific Performance Metrics for Fleet Petroleum Reduction:



Note: E.O. 13514 and EISA require that by FY2011 agencies reduce fleet petroleum use by 12%, compared to an FY2005 baseline. A 20% reduction is required by FY2015 and a 30% reduction is required by FY2020. The red bar represents the agency's FY2005 baseline. The green bars represent the FY2015 and FY2020 target reductions. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2005 baseline.

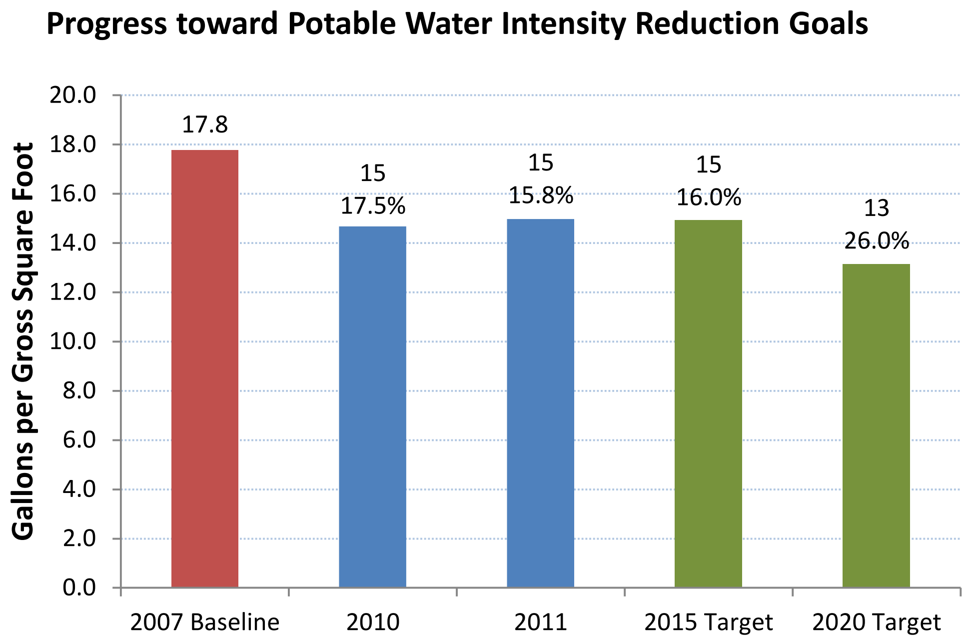
Agency-Specific Performance Metrics for Fleet Alternative Fuel Use:



Note: E.O. 13423 requires that agencies increase total non-petroleum-based fuel consumption by 10% annually compared to an FY2005 baseline. Consequently, by FY2011 agencies must increase alternative fuel use by 77%, compared to an FY2005 baseline. By FY2015, agencies must increase alternative fuel use by 159.4%. The red bar represents the agency's FY2005 baseline. The green bar represents the FY2015 target. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2005 baseline.

GOAL 4: WATER USE EFFICIENCY AND MANAGEMENT

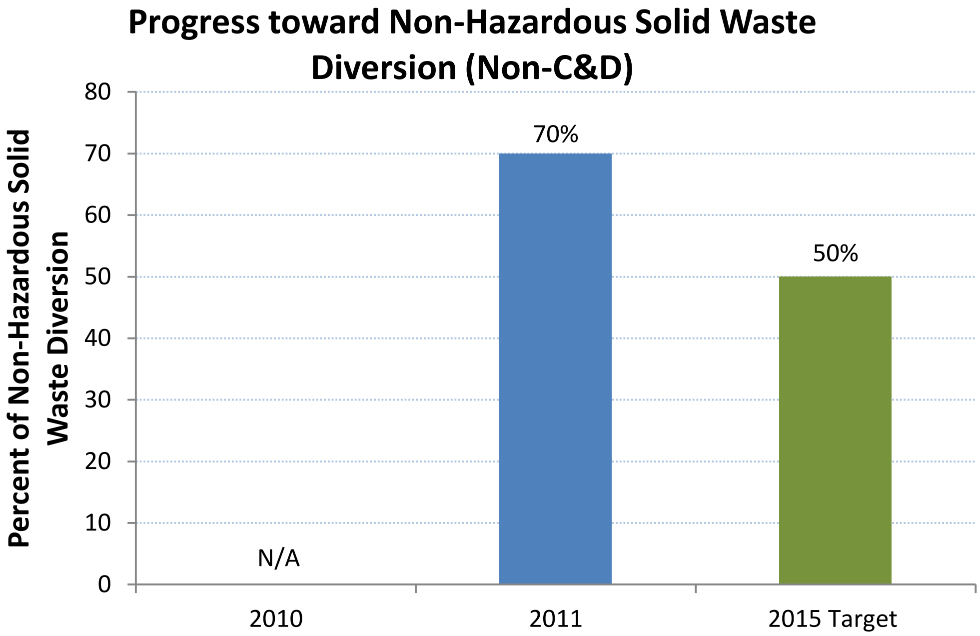
Agency-Specific Performance Metrics for Potable Water Intensity Reduction:



Note: E.O. 13514 requires agencies to reduce potable water intensity by 2% annually through FY2020, compared to an FY2007 baseline. Consequently, by FY2011 agencies are required to reduce potable water intensity by 8%, compared to an FY2007 baseline. A 16% reduction is required by FY 2015 and a 26% reduction is required by FY2020. The red bar represents the agency's FY2007 baseline. The green bars represent the FY2015 and FY2020 target reductions. The blue bars show actual status in relationship to the target. The percentage on each bar shows the reduction or increase from the FY2007 baseline.

GOAL 5: POLLUTION PREVENTION AND WASTE REDUCTION

Agency-Specific Performance Metrics for Non-Hazardous Solid Waste Diversion (Non-C&D):



Note: E.O. 13514 requires that by FY2015 agencies annually divert at least 50% of non-hazardous solid waste from disposal. The green bar represents the FY2015 target. The blue bars show actual progress toward the target.

GOAL 7: ELECTRONIC STEWARDSHIP AND DATA CENTERS

EPEAT	POWER MANAGEMENT	END-OF-LIFE	COMMENTS
🟢	🟢	🟢	

EPEAT:

🟢	95% or more Monitors and PCs/Laptops purchased in FY2011 was EPEAT Compliant Agency-wide
🟡	85-94% or more Monitors and PCs/Laptops purchased in FY2011 was EPEAT Compliant Agency-wide
🔴	84% or less Monitors and PCs/Laptops purchased in FY2011 was EPEAT Compliant Agency-wide

Power Management:

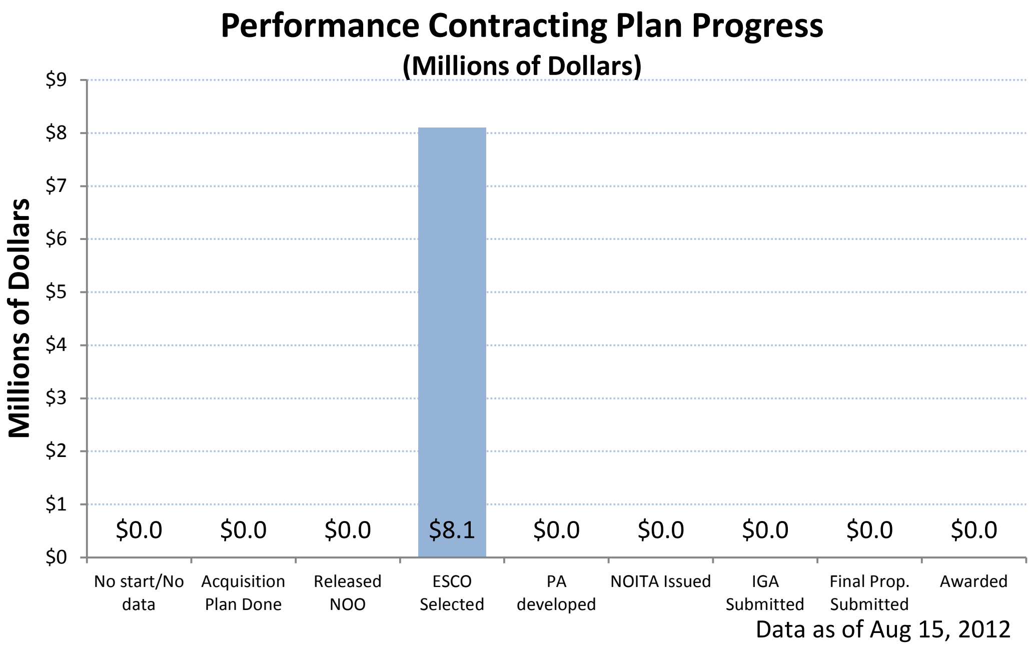
🟢	100% Power Management Enabled Computers, Laptops and Monitors Agency-wide
🟡	90-99% Power Management Enabled Computers, Laptops and Monitors Agency-wide
🔴	89% or less Power Management Enabled Computers, Laptops and Monitors Agency-wide

End-of-Life:

🟢	100% of Electronics at end-of-life disposed through GSA Xcess, CFL, Unicor or Certified Recycler (R2, E-Stewards)
🟡	100% of Electronics at end-of-life disposed through GSA Xcess, CFL, Unicor or non-Certified Recycler
🔴	Less than 100% of Electronics at end-of-life disposed through GSA Xcess, CFL, Unicor or non-Certified Recycler

PRESIDENT'S PERFORMANCE CONTRACTING COMMITMENT

Agency-Specific President's Performance Contracting Commitment Metrics:



Agency-Specific President's Performance Contracting Commitment Metrics: