

The Sustainability Performance Office (SPO) is the Department of Energy’s (DOE) lead for sustainability, including energy, water, land and paper conservation and use, greenhouse gas emission reductions, and other issues related to sustainability and the Strategic Sustainability Performance Plan (SSPP). The SPO provides support and assistance to the Under Secretaries, Power Marketing Administrations, and National Laboratories and sites, in support of all DOE sustainability efforts.

The SPO ensures the integration and coordination of sustainability activities across the Department and represents DOE in interactions with other federal agencies, the Office of Management and Budget (OMB), and the White House Council for Environmental Quality.

The SPO is funded from the DOE Specific Investments line item in the Federal Energy Management Program budget.

What We Do

To ensure DOE fulfills its sustainability goals and objectives, the SPO utilizes the following:

- ✓ **Audits** at DOE facilities to improve energy and water performance
- ✓ **Issuance of policies and guidance** as a basis for understanding and implementing DOE’s strategic direction and commitments on sustainability
- ✓ **Sharing of Best Practices** to leverage successes at DOE sites
- ✓ **Stakeholder engagement** at all levels of DOE management to ensure effective communication and information exchange

- ✓ **Culture Change** to factor sustainability and GHG emissions reductions into all DOE corporate management decisions
- ✓ **Training and Technical Assistance** to ensure DOE sites and National Laboratories understand requirements

Program Goals/Metrics

Major DOE sustainability targets include:

- 28 percent reduction in Scope 1 and 2 (direct) greenhouse gas emissions (GHG) by FY 2020
- 13 percent reduction in Scope 3 (indirect) GHG emissions by FY 2020
- 20 percent renewable energy use as a percentage of overall electricity use by FY 2020
- 30 percent energy intensity reduction by 2015
- 30 percent water intensity reduction by 2020
- 15 percent of building stock meets High Performance Sustainable Buildings criteria by 2015
- 30 percent petroleum reduction by 2020

FY 2015 Priorities

- Coordination of DOE-wide sustainability planning;
- Implementation of DOE’s SSPP;
- Site-level energy and water audits;
- Coordination and development of DOE Climate Change Adaptation Planning;
- Technical assistance for DOE sites and labs; and
- Data collection, analysis, and reporting to OMB/Congress on DOE progress toward energy, environment, water, sustainable buildings, and associated goals.

| (Dollars in Thousands) | FY 2013 Current | FY 2014 Enacted | FY 2015 Request |
|---|--------------------|--------------------|--------------------|
| Project Financing | 9,501 | 9,558 | 11,433 |
| Technical Guidance and Assistance | 9,126 | 6,224 | 12,433 |
| Planning, Reporting and Evaluation | 4,324 | 5,569 | 4,073 |
| Federal Fleet | 1,540 | 1,388 | 1,634 |
| DOE Specific Investments | 3,774 | 2,509 | 2,927 |
| Federal Energy Efficiency Fund | 0 | 3,000 | 3,000 |
| Total, Federal Energy Management Program | 28,265 | 28,248 | 36,200 |

Key Accomplishments

- Greenhouse Gas Reduction:** DOE is currently exceeding interim reduction targets for greenhouse gas emissions. Consistent with section 2(b) of E.O. 13514, DOE committed to reducing scope 1 & 2 GHG emissions (direct emissions) by 28 percent and scope 3 GHG emissions (indirect emissions) by 13 percent by FY 2020. Through FY 2012, DOE achieved reductions of 34 percent for scope 1 & 2 GHG emissions and 15 percent for scope 3 GHG emissions, each relative to a FY 2008 baseline.
- Water Intensity Reduction:** DOE is currently on-track to meet the FY 2020 goal of a 26 percent reduction in potable water use intensity. As of FY 2012, DOE reduced potable water intensity by 16.6 percent relative to the FY 2007 baseline, exceeding the interim target of 10 percent.
- Renewable Energy:** DOE is currently exceeding the target for renewable energy, with 17.5 percent of DOE's overall electricity consumption derived from renewable sources in FY 2012. The Department is on track to meet the FY 2020 20 percent goal. DOE was also recognized for green power purchasing by EPA's Green Power Partnership, which ranks private and public entities for their purchase of green power. DOE ranked as the highest purchaser of green power in the federal government and ranked second overall in purchases, ahead of several private companies, as well as second overall for on-site green power usage.
- Energy Intensity Reduction:** DOE is exceeding interim targets for energy intensity reduction. As of FY 2012, DOE reduced energy intensity by 23.5 percent relative to the FY 2003 baseline, and is on track to meet the FY 2015 goal of 30 percent.
- Culture Change and Stakeholder Engagement:** SPO leads working groups and networks to foster culture change across the Department and engage stakeholders at DOE sites. These groups help ensure goal compliance and share best practices for sustainable buildings, electronics stewardship, climate change adaptation, and other sustainability goal areas.

