

The greengov Leader

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Issue 1

“In order to create a clean energy economy that will increase our Nation's prosperity, promote energy security, protect the interests of taxpayers, and safeguard the health of our environment, the Federal Government must lead by example.”

– Executive Order 13514

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CEQ News

Inaugural Federal Government Greenhouse Gas Inventory Released

On April 28, CEQ released the inaugural U.S. Federal Government comprehensive Greenhouse Gas (GHG) Emissions Inventory. The inventory accounts for GHG emissions associated with Federal agency operations in 2010.

The Federal Government's GHG inventory for 2010 was 66.4 million metric tons of carbon dioxide emissions (MMTCO₂e) – which is equivalent to the emissions from about 154 million barrels of oil. The Federal Government successfully reduced GHG pollution by 2.5 MMTCO₂e from its 2008 baseline.

Federal agencies also measured GHG emissions that are excluded from reduction targets – such as those from military or law enforcement operations – which totaled 54.9 MMTCO₂e.

In 2010, the President announced that the Federal Government will reduce its direct emissions, such as those from fuels and building energy use, by 28 percent by 2020 and will reduce its indirect emissions, such as those from employee business travel and employee commuting, by 13 percent by 2020. The 2020 Federal GHG reduction goal is estimated to eliminate the need for an equivalent of 235 million barrels of oil and avoid up to \$11 billion dollars in energy costs over the next decade.

By measuring GHG emissions, agencies can manage and operate more efficiently and effectively, and can track their progress toward meeting energy and sustainability goals, including those set by President Obama's 2009 Executive Order on Federal Leadership in Environmental, Energy, and Economic Performance.

Federal Agencies Release Scorecards on Sustainability and Energy

On April 19, Federal agencies for the first time released their annual Office of Management and Budget (OMB) Sustainability and Energy Scorecards for 2010. Through the OMB scorecard process, OMB evaluates 24 agencies on their efforts towards achieving energy and

sustainability performance goals mandated by Federal statutes or Executive Orders, including E.O. 13514.

During FY 2010, the Federal Government accomplished the following:

- decreased energy intensity by 15.3 percent compared to FY 2003 levels;
- purchased or generated on-site more than 3 million megawatt-hours of renewable energy, equivalent to 5.3 percent of total electricity use; and,
- reduced water intensity by 10.2 percent compared to FY 2007 levels.

Agencies were assessed against seven goal areas on sustainability, including: energy intensity; water intensity; fleet petroleum use; greenhouse gas pollution; green building practices; and, renewable energy use. By achieving the goals and milestones, Federal agencies can more effectively and efficiently manage energy and environmental performance, resulting in saved taxpayer dollars, increased energy and water efficiency, and reduced pollution.

2011 GreenGov Presidential Awards

CEQ invites Federal civilian and military personnel to participate in the 2011 GreenGov Presidential Awards. The GreenGov Presidential Awards recognize exceptional Federal civilian and military personnel, teams, projects, facilities, and programs that exemplify President Obama's charge to lead by example in sustainability. Nominations will be accepted online beginning May 2 through June 24, 2011. Domestic and international teams, projects, programs, and facilities are eligible to apply along with individuals. Agencies are encouraged to submit multiple nominations. Winners will be recognized in a White House reception that will be held in conjunction with the [2011 GreenGov Symposium](#). To learn more about the 2011 GreenGov Presidential Awards and to view the list of 2010 GreenGov winners, visit the [GreenGov Awards webpage](#).

2011 GreenGov Symposium

The date and location for the second annual Federal GreenGov Symposium will be announced in the next edition of the *GreenGov Leader* and on the [GreenGov Collaborative](#) in the near future. The Symposium will build on past successes of the inaugural [GreenGov Symposium](#). More information on GreenGov 2011 will be posted on the Collaborative in the coming weeks.

CEQ Hosts GreenGov Regional Listening Sessions

On February 1, CEQ participated in the Environmental Protection Agency's Federal Green Challenge Symposium in Portland, Oregon. The one-day event included a GreenGov listening session with the Northwest Federal community to share best practices, reinforce development of green teams across agencies, and support regional staff on E.O. 13514 implementation. During the afternoon of the Symposium, officials from CEQ and the General Services Administration (GSA), joined Congressman Blumenauer, executives from local large and small businesses, and leaders from the nonprofit, state, and local government communities to discuss greening the Federal supply chain. Topics discussed included how the Federal Government can better support a more sustainable supply chain and collaborate with Federal suppliers to purchase locally, and the types of incentives and technical support the recently launched GreenGov Supply Chain Partnership can offer to suppliers that have set goals for reducing their GHG emissions. To learn more about GSA's efforts to green the Federal procurement process and the GreenGov Supply Chain Partnership, visit GSA's new [Greening the Supply Chain website](#).

GreenGov Has Hit the Road!

Where would you like to see the next GreenGov regional listening session occur?

- * Albuquerque, New Mexico
- * Dallas, Texas
- * Denver, Colorado
- * Kansas City, Missouri
- * Philadelphia, Pennsylvania
- * Other (email suggestion to greengov@fedcenter.gov)

To vote and see Poll results, go to the [GreenGov Collaborative](#)

CEQ Releases Climate Change Adaptation Planning Guidance

On March 4, CEQ issued [Implementing Instructions for Federal Agency Climate Change Adaptation Planning](#) and a companion [Support Document](#). These documents provide guidance to Federal agencies on how to integrate climate change adaptation into their planning, operations, policies, and programs. Making adaptation a standard part of agency planning to ensure resources are invested wisely and that services and operations remain effective in a changing climate was a key

recommendation in the Interagency Climate Change Adaptation Task Force's October 2010 Progress Report to the President.

Agency News

EPA Announces Winners of 2010 Federal Champions of Environmental Leadership and Green Government Awards

In conjunction with EPA Region 10's third annual Federal Green Challenge Symposium, EPA presented the 2010 Champions of Environmental Leadership and Green Government Awards in Portland, Oregon. The awards program, part of the EPA Region 10's Federal Green Challenge, recognizes individuals and initiatives in the Federal Government that have gone beyond regulatory compliance to reduce their greenhouse gas emissions. Through energy efficiency, waste diversion, lighting retrofitting, and water saving projects, the winning four agencies collectively reduced their combined footprint by 380 million pounds of carbon dioxide emissions, equivalent to taking 33,000 passenger vehicles off the road for a year. These reductions also resulted in cost savings of more than \$1 million in 2010. The following agencies were recognized for their outstanding green projects: Overall Environmental Leadership Award: Bonneville Power Administration, Energy Smart Federal Partnership; Waste Award: Joint Base Lewis-McChord, Waste Diversion Program; Energy Award: Bonneville Power Administration, Grand Coulee Dam; and, Water Award: General Services Administration, Thomas A. Foley, U.S. Courthouse, Spokane, Washington.

NASA Ames Research Center Honored With GSA Green Innovation Award

NASA's Sustainability Base, a candidate for the Leadership in Energy and Environmental Design (LEED) platinum-certified office building being constructed at NASA's Ames Research Center in Moffett Field, California, was recently honored as the winner of the 2010 General Services Administration Real Property Award in the category of Green Innovation. The award category recognizes an innovation or idea with clear potential to transform the Federal community's overall energy and environmental performance, in keeping with the goal of E.O. 13514 to design Federal buildings for "zero-net energy consumption" by FY 2030, starting in FY 2020. The zero-net energy consuming Sustainability Base will feature a photovoltaic roof system for power generation, a solid oxide fuel cell, geothermal wells for cooling and heating, optimized natural lighting, a high-efficiency building envelope, and

operable glazed floor to ceiling windows. It will also use 90 percent less potable water than a conventional building of equivalent size through its gray water purification system. Temperature, humidity, carbon dioxide, light and noise levels, energy consumption, energy production will be continuously monitored and evaluated.

Army Announces 2010 Environmental Award Winners

The Army recently announced the winners of the 2010 Secretary of the Army Environmental Awards. The Environmental Awards represent the highest honor in the field of environmental science and sustainability conferred by the Army and the winners will go on to compete for the Secretary of Defense Environmental Awards later this year. Awardees were honored for their efforts in the implementation of innovative research and development, environmental cost avoidance, habitat restoration, endangered species protection, identification and management of significant cultural resources, waste diversion and green procurement. The 2010 Secretary of the Army Environmental Awards winners include: **Natural Resources Conservation, Large Installation:** Fort Drum, New York; **Cultural Resources Management, Installation:** Fort Bliss, Texas; **Environmental Quality, Industrial Installation:** Tobyhanna Army Depot, Pennsylvania; **Environmental Quality, Overseas Installation:** Army Garrison - Grafenwoehr, Germany; **Sustainability, Non-industrial Installation:** Joint Base Lewis-McChord, Washington; **Environmental Restoration, Installation:** Manning Point (Jago River) FUDS Team, Army Corps of Engineers, Alaska District; **Cultural Resources Management, Individual:** Ms. Chantal McKenzie, Texas Army National Guard - Army Air Force Exchange System; **Sustainability, Team:** Sustainability Team, Dallas, Texas; **Environmental Excellence in Weapon Acquisition, Small Program:** Research, Development and Engineering Command, Aberdeen Proving Ground, Maryland. passenger cars from the road for a year, saving taxpayers nearly \$11 million.

National Institutes of Health Recognized for Energy Savings

On February 23, EPA recognized the National Institutes of Health (NIH) in Bethesda, Maryland, with the 2011 ENERGY STAR Combined Heat and Power (CHP) award for simultaneously producing space heat and electricity from a single energy source, such as natural gas, biomass, coal, or waste heat. With this new CHP system,

NIH is using approximately 31 percent less fuel and reducing amounts of carbon dioxide equivalent to the emissions of more than 8,900 passenger vehicles each year.

[From FedCenter.Gov](#)

Announcements

December

- [Improved Guidance for Compact Fluorescent Light \(CFL\) Bulbs Cleanup](#)

January

- [Federal Initiative to Reduce Radon Exposure](#)

February

- [Designation of Biobased Items for Federal Procurement: Final Rule](#)
- [GSA Releases New Sustainable Facilities Tool](#)
- [DOE Announces Fleet Technical Assistance for Federal Agencies](#)

March

- [EPA Updates Power Profiler](#)
- [EPA Updates Emissions and Generation Integrated Resource Database \(eGRID\)](#)
- [CEQ Calls on Public, Federal Community to Nominate Pilot Projects to Improve the Efficiency of NEPA Environmental Reviews](#)
- [USAEC's Environmental Update - Fall/Winter 2010/11](#)

April

- [CEQ Launches Facebook Page](#)
- [EPA Requests Proposals to Develop Standards for Environmentally Preferable Electronic Products](#)
- [EPA's Office of Inspector General Issues Evaluation Report on GHG and EO 13514](#)
- [EPA and TVA Reach Settlement For Clean Air Act Violations At 11 Coal-Fired Plants](#)
- [EPA Publishes National U.S. Greenhouse Gas Inventory](#)
- [DOD Announces Winners of the 2011 Secretary of Defense Environmental Awards](#)
- [U.S. Army's Northern Regional Environmental Energy Office Releases April 2011 Northern Region Review](#)
- [U.S. Army Launches Net Zero Pilot Program](#)
- [VA Dedicates New Wind Turbine at Massachusetts National Cemetery](#)

Upcoming Events

May

5/2 [EPA's Water Quality Standards Academy](#)
(Until 5/6)

5/3 [Utility Energy Service Contracting \(UESC\) Workshop](#)

5/5 [DOE's Renewable Energy for Federal Facilities Webinar](#)

5/9 [Environment, Energy Security, and Sustainability Symposium and Exhibition](#)
(Until 5/12)

5/15 [DECON '11](#)
(Until 5/19)

June

6/2 [DOE's Federal Fleet Infrastructure and Electric Vehicles Webinar](#)

6/7 [DOE's Energy Savings Performance Contract \(ESPC\) Comprehensive Workshop](#)
(Until 6/9)

6/15 [West Coast Energy Management Conference](#)
(Until 6/16)

July

7/7 [DOE's Labs, Data Centers, and High-Tech Facilities Webinar](#)

7/19 [12th Annual EPA Community Involvement Training Conference](#)
(Until 7/21)

7/19 [DOE's Energy Savings Performance Contract \(ESPC\) Comprehensive Workshop](#)
(Until 7/21)

7/26 [FedFleet 2011](#)
(Until 7/28)

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*Office of the Federal Environmental Executive
Council on Environmental Quality
Executive Office of the President*