

CEQ News

Demand Response: Cutting Energy Waste

On February 26, 2013, the White House Council on Environmental Quality (CEQ) hosted a GreenGov Dialogue on Demand Response that brought together leaders from government, the private sector, non-profits and academia to identify opportunities to reduce our peak energy demand, promote a more stable electric grid, and help the Federal Government save energy and money in its operations. This important initiative is in line with the goal laid out by the President in his State of the Union Address: to cut in half the energy wasted by our homes and businesses over the next 20 years. The event showcased how the Federal Government is leading by example by setting aggressive energy targets, reducing its carbon pollution, and leveraging Federal purchasing power to curb waste and deliver the best value for the American taxpayer.

The event also highlighted other innovations and actions needed to cost-effectively reduce the nation's peak demand for energy—a strategy that reduces the need to construct new sources of electricity generation. In particular, leaders discussed the important role that state and local governments play in enabling the nation's tremendous demand response potential, a role recognized in the National Action Plan on Demand Response.

White House Council on Environmental Quality Chair Nancy Sutley kicked off the event. She stressed the themes laid out by President Obama in his State of the Union Address, followed by Director of the White House Office of Science and Technology Policy John Holdren, who announced that the cabinet-level National Science and Technology Council released a progress report outlining the Administration's most recent achievements in electric grid modernization. The event featured additional keynote speakers including Federal Energy Regulatory Commission Chairman Jon Wellinghoff, Commissioner of the Public Buildings Service at the U.S. General Services Administration Dorothy Robyn, Assistant Secretary for the Department of Energy's Office of Electricity Delivery and Energy Reliability Patricia Hoffman, and Acting Deputy Under Secretary of Defense for Installations and Environment John Conger.

GreenGov Dialogues – such as this one encouraging a conversation on broader use of demand response technology – build on progress made at Federal sustainability events such as the annual GreenGov Symposium, and continue the momentum of Federal agencies' efforts under the Executive Order on Federal Leadership in Environmental, Energy, and Economic Performance.

For more information go to: <http://www.whitehouse.gov/blog/2013/02/26/leading-effort-cut-energy-waste>.

GreenGov Spotlight Communities Webinars Going Strong



Last February the White House Council on Environmental Quality (CEQ) announced sustainability leaders who are part of the GreenGov Spotlight Community initiative. This initiative highlights multiple Federal partners (facilities, installations, offices, teams), located near each other, that are working together to achieve a goal or target under E.O 13514. GreenGov Spotlight Communities demonstrate existing coordination efforts across the Federal Government that allow agencies to pursue

sustainability goals of E.O. 13514 by leveraging regional co-location and shared targets, as well as similar operational structure and needs. Spotlight Communities also emphasize that Federal facilities and installations are not only part of the Federal Government, they are an important member of their local community and often work closely with local stakeholders to pursue sustainability goals. When Federal facilities and installations are more efficient and sustainable, the surrounding area benefits from their actions. Thanks to EPA's Federal Green Challenge, these Spotlight Communities' leaders are now sharing their stories by webinar. To learn more about these projects and to download past webinar presentation materials go to the GreenGov Community Spotlight page at: <http://www.epa.gov/fqc/spotlight/index.html> and click through to the specific project information page.

UPCOMING

GreenGov Spotlight Community Webinars

July 30, 1:00-2:30 P.M. (EST)

Car Sharing - Chicago, IL:

Peace Corps will speak about its car sharing efforts. To register go to: <https://www1.gotomeeting.com/register/355151832>

August 27, 1:00-2:30 P.M. (EST)

Seattle Federal Executive Board's Business Case for Sustainability - Seattle, WA

The Seattle Federal Executive Board (SFEB) leaders will speak about how they are coordinating regionally located Federal entities to make the business case for sustainability. To register go to: <https://www1.gotomeeting.com/register/176887409>

September 24, 1:00-2:30 P.M. (EST)

Federal Aggregated Solar Procurement Pilot - Greater Northern CA: EPA, GSA, the U.S. Forest Service, the U.S. Department of Energy - Federal Energy Management Program (FEMP), and Lawrence Berkeley National Laboratory are working on a joint procurement of renewable energy. They aim to demonstrate that combined procurement offers economies of scale, resulting in lower electricity bills for individual sites and promoting use of renewable energy. To register go to: <https://www1.gotomeeting.com/register/434478720>

Federal Bike to Work Month Challenges - Portland, Seattle, Boise,

Anchorage, and East Coast Cities: GreenGov Spotlight leaders in Portland and Seattle challenged the rest of the Federal government to bike to work during the month of May as part of the Federal Bike to Work Challenge.

All across the nation, Federal employees straddled their bikes and achieved some exceedingly impressive results. Currently there are 161 federal teams and 1,200 riders, of which 287 are new bike commuters in the



Federal Bike-To-Work Challenge League (Federal League). As of May 28, these riders had logged more than 123,126 miles and 9,713 trips to and from work. This represents 120,663 pounds of CO2 saved and some 4,309,410 calories burned. CEQ is proud of this national effort and congratulate the GreenGov Spotlight leaders, Team Captains and all those Federal bicycle riders who made it happen.

Comparing Non-Traditional Water Treatment Cooling Towers – Lakewood,

CO: GSA, DOE, and the National Renewable Energy Laboratory have installed and are analyzing several non-chemical cooling tower water treatment systems that have the potential to reduce GSA building operation costs and



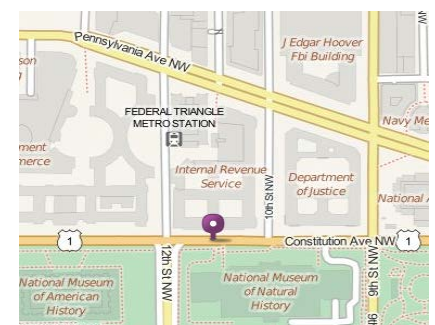
building energy bills through improved chiller efficiency. Cooling towers exist in many government buildings, consume large amounts of potable water, and contribute greatly to annual operation costs related to utilities and maintenance. Already, GSA has found that two of the cooling tower systems

being tested will annually save some 1,200,000 gallons of water, result in \$6,500 in annual utility savings, and have less than a ten year simple payback.

National Capital Region Climate Risks Preparation and Adaptation Pilot –

Washington, DC: GSA, EPA, Internal Revenue Service (IRS), National Capital

Planning Commission, U.S. Global Change Research Program, National Oceanic and Atmospheric Administration, National Aeronautics and Space Administration, and the District of Columbia Government held a one-day planning scenario to evaluate the risks posed by the impacts of climate change. They considered what could happen to the



IRS's Washington D.C. building during an extreme weather event that caused flooding and brownouts. On April 30th, GSA and its partners presented at the GreenGov Spotlight webinar to over 300 people.