

U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 6 February 2012

Success Stories

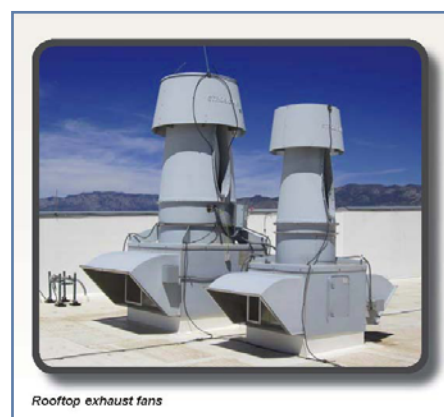
Petroleum Fuel Tracking at the SPR

The Strategic Petroleum Reserve (SPR) implemented a fuel tracking system to verify gasoline and diesel fuel usage, from delivery to recipient, at each of its storage sites. Intended to identify leaks and ensure accurate delivery and receipt, the system was most recently used to calculate on-site Scope 1 greenhouse gas (GHG) emissions for DOE's FY 2011 Comprehensive GHG Inventory.

The fuel tracking system relies on personnel to use an on-site computerized delivery system (pictured above) when fueling fleet vehicles and support equipment. For each transaction, personnel use a fuel card that contains a unique identification number for each vehicle or piece of equipment. Odometer information is also entered at the pump to track mileage. The information collected is loaded into a fuel delivery database to evaluate fuel demand and use. Each month, the tracking system produces a fuel consumption report and a fuel demand evaluation is conducted. On the same cycle, the SPR Maintenance Department tracks the fuel used, the cost, and mileage or run hours of each vehicle and piece of support equipment. For more information, contact Chad Bourgoin at chad.bourgoin@hq.doe.gov.



Sandia Reconfigures Chemical Exhaust System



Roof-top exhaust fans

Sandia National Laboratories (SNL) in New Mexico is saving an average of 15,510 kWh each month as a result of a redesigned exhaust system. Findings from an energy and water audit (required by EISA Section 432) determined that the previous constant-speed exhaust system in Building 1090 was using more energy than an average lab facility. Sandia's Facilities Management and Operations Center (FMOC) redesigned the exhaust system to include a variable-speed system and replaced most of the existing ductwork with larger-diameter ducting to reduce flow restrictions. Contact Chris Evans for more information at caeans@sandia.gov.

Sustainability Superstars

DOE's Headquarters GHG Verification Team successfully reviewed 2011 GHG data on a short timeline and around the holidays. A special thanks to Caryle Miller (SC), Chad Bourgoin (FE), Missy Klem (NNSA), Ker-Chi Chang (EM) and Adam Pugh (OECM) for their assistance.



Send us your champion!

Upcoming Events and Milestones

Jan. 30-Feb. 1: [Energy, Utility, and Environment Conference 2012](#)

Jan. 31: GHG Inventory due to OMB/CEQ

Feb. 10: Site Sustainability Plans due to SPO

Feb. 14-16: [Solar POWER-GEN Conference](#)

Feb. 22-24: [Distributed Wind/Solar Interconnection Workshop](#)

Feb. 23: DOE ESPC Townhall

Feb. 27-29: [ARPA-E Energy Innovation Summit](#)

Feb. and Mar. multiple dates: [Construction Waste Recycling](#)

Mar. 5-9: [Telework Week](#)

Mar. 13-15: [FEMP ESPC Comprehensive Workshop](#)

Did You Know?

Before you leave for a business trip or a long weekend, save energy at your office by unplugging equipment that drains energy when not in use (i.e. cell phone chargers, fans, coffeemakers, desktop printers, radios, etc.). Click [here](#) for more information on *Energy Vampires*.



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