

August 11-13, 2015 Phoenix Convention Center Phoenix, Arizona

The Energy Exchange provides training to federal employees of civilian and military agencies who are responsible for building operations, energy management, sustainability, safety, and performance. This is a new training opportunity organized by the U.S. Department of Energy's Federal Energy Management Program (FEMP) through Oak Ridge National Laboratory (ORNL), to help meet federal and agency-specific goals for reductions in energy, water, petroleum use, and greenhouse gas (GHG) emissions. The Energy Exchange brings together subject matter experts in policy, technology, and facility operations to share successful business practices and firsthand experiences. The Energy Exchange connects federal employees with thought leaders who drive change and understand the challenges and opportunities of energy consumption, sustainability, energy efficiency, and energy security in and across federal agencies.

Prioritizing Energy Efficiency & Renewable Energy

Championing a Skilled Federal Workforce

Executive Order 13693, "Planning for Federal Sustainability in the Next Decade," directs the federal government to reduce pollution, support renewable energy, and operate more efficiently. GHG emissions are also targeted for a 40% reduction over the next decade from



Energy Exchange

Federal Sustainability for the Next Decade
U.S. Department of Energy

2008 levels — saving taxpayers up to \$18 billion in avoided energy costs — and increase the share of electricity the federal government consumes from renewable sources to 30%.¹

The federal government overall — as the largest energy user in the world — is making solid progress on its sustainability and energy goals. The federal government has reduced the energy intensity of its buildings by more than 20% over the last ten years. It purchases close to 10% of its electricity from renewables, is approaching 20% water savings, and is more than halfway toward the 2020 GHG reduction goal of 28%.²

Civilian and military agencies are working hard to reduce site operating costs by using sustainable, cost-effective practices and adopting the use of more cutting-edge technologies. Energy consumption by federal agencies overall has dropped to its lowest level since 1975.³ Federal employees are making the choice for efficiency and striving to reduce their agencies' site operating costs. In alignment with the new Executive Order, and helping to maintain the momentum gained by prior achievements, FEMP has partnered with ORNL to launch the Energy Exchange.

Registration & Hotel Information

Government employee rate: \$125

Non-government employee rate: \$350

- **Online registration:** Open until July 27, 2015. Register at: femp.energy.gov/energyexchange
- **Onsite registration:** Opens August 9, 2015.

Hotels: In partnership with the Energy Exchange, several nearby hotels are offering a nightly rate of \$83.00 (+ taxes & fees). Reserve your room by July 27, 2015. Reserve at: femp.energy.gov/energyexchange



Timothy Unruh
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FEMP Program Director

"With the new Executive Order 13693 issued

March 19, 2015, federal agencies have expanded goals for energy efficiency and sustainability. The Energy Exchange provides critical training so that federal employees are well positioned to achieve and go beyond these expanded goals."

Tracks & Sessions

Ninety sessions are organized in the following tracks. Each track offers nine sessions:

- **Agency Energy Manager:** Energy management from the agency energy manager perspective, including effective audits and energy procurements.
- **Building Performance:** Techniques to address common problems inhibiting optimized building performance.
- **Energy Leadership:** A forum for senior agency managers to discuss leadership issues and strategies.
- **Energy Technologies:** Technologies, tools, applications, and projects for current and future energy management.
- **Innovation:** Selected topics on building operations, performance, planning, tracking, renewables, and sustainability.
- **Institutional Change:** Methods for engaging all levels of an organization to achieve sustainability and energy management goals.
- **Integrated Energy:** Cross-cutting and advanced topics to address achieving energy goals and sustainability at the facility and agency level.
- **Project Financing:** How to improve infrastructure and reduce energy and water consumption through the use of private financing.
- **Solution Showcase:** Innovative and proven technology and service solutions to address barriers and impacts; including replicable solutions and implementation models.
- **Sustainability:** Federal sustainability requirements and how they are being addressed.

Schedule

Tuesday, August 11, 2015

8:30 a.m.–10:00 a.m. Opening Plenary
 10:00 a.m.–10:30 a.m. Morning Break
 10:30 a.m.–12 p.m. Training Sessions
 12 p.m.–2 p.m. Lunch Break
 2 p.m.–3:30 p.m. Training Sessions
 3:30 p.m.–4 p.m. Afternoon Break
 4 p.m.–5:30 p.m. Training Sessions

Wednesday, August 12, 2015

8:30 a.m.–10 a.m. Training Sessions
 10 a.m.–10:30 a.m. Morning Break
 10:30 a.m.–12 p.m. Training Sessions
 12 p.m.–2 p.m. Lunch Break
 2 p.m.–3:30 p.m. Training Sessions
 3:30 p.m.–4 p.m. Afternoon Break
 4 p.m.–5:30 p.m. Training Sessions

Thursday, August 13, 2015

8:30 a.m.–9:30 a.m. Training Sessions
 9:30 a.m.–9:45 a.m. Morning Break
 9:45 a.m.–11:15 p.m. Training Sessions
 11:30 a.m.–1 p.m. Closing Plenary

Continuing Education Units

International Association for Continuing Education and Training continuing education units (CEUs) are available for designated training sessions. CEUs are administered after successfully completing short, session-specific tests during the Energy Exchange.

Reasons To Attend

- Learn what high-impact strategies are most effective and adaptable for your agency.
- Explore future trends, next generation technologies, and new opportunities to encourage clean energy use and maximize efficiency.
- Hear what resources, including tools and materials, are available to federal agencies to help overcome energy and water management challenges.

- Expand your professional network; connect with colleagues and share insights and lessons learned.

Additional Trainings & Meetings

Several pre- and post-trainings and agency meetings are being held in conjunction and are unaffiliated with the training provided through the Energy Exchange. For more information, visit: femp.energy.gov/energyexchange

More Information

Questions

EnergyExchangeInfo@ee.doe.gov

Register

femp.energy.gov/energyexchange

Registration Assistance

Anne Phillips
aphillips@mc-2.com
 678-398-2650 (9 a.m. to 4 p.m. EST, Monday - Friday)

Hotel Assistance

Connections Housing
 800-262-9974 (9 a.m. to 7 p.m. EST, Monday - Friday) ■

- ¹ White House website, "Fact Sheet: Reducing Greenhouse Gas Emissions in the Federal Government and Across the Supply Chain." March 19, 2015. <https://www.whitehouse.gov/the-press-office/2015/03/19/fact-sheet-reducing-greenhouse-gas-emissions-federal-government-and-acro>
- ² FEMP website, "Energy Department Announces Federal Energy and Water Management Award Winners." December 9, 2014. <http://www.energy.gov/eere/articles/energy-department-announces-federal-energy-and-water-management-award-winners>
- ³ 1975 was the first year DOE began tracking federal agency energy consumption. The decrease is mostly attributed to lower consumption of jet fuel, a major fuel source for the U.S. Air Force and the largest energy source consumed by the federal government. Energy consumed in federal facilities has also declined in the past four decades; stemming from both the total square footage occupied by the federal government, and from the energy consumed per square foot inside federal buildings. U.S. Energy Information Administration website, "Energy Consumption by U.S. Government at Lowest Level Since at Least 1975." February 4, 2015. <http://www.eia.gov/todayinenergy/detail.cfm?id=19851>