

***Federal Energy Management  
Task Force of the  
Secretary of Energy Advisory Board***

**Secretary of Energy Advisory Board Meeting  
September 22, 2016**

# **Executive Order 13693: *Planning for Federal Sustainability in the Next Decade***

*“Priority should first be placed on reducing energy use and cost, then on finding renewable or alternative energy solutions.”*

*President Obama*

March 19, 2015

# Executive Order 13693: Key Goals

- Reducing **building energy intensity** (Btu/sq. ft) by 2.5% thru 2025 vs. 2015
- Reducing federal **vehicle fleet-wide per-mile greenhouse gas emissions** by 30% in 2025 vs 2014
- Using **clean energy to supply 25% of building electric energy** and thermal energy by 2025
- Using **renewable electricity to supply 30% of federal electricity** by 2025 vs 9% in FY2013

# SEAB Task Force Charge

- Review the implications of the new Executive Order for FEMP activities.
- Review recent efforts by FEMP in several areas including:
  - **Strategies** to cut energy use and accelerate renewable energy in **buildings and equipment**;
  - Use of **performance contracting and power purchase agreements** to achieve energy and greenhouse gas reduction goals;
  - Use of **federal lands and/or assets** to support clean energy **deployment**;
  - Energy-saving approaches to **federal fleets** and **employee commuting**;
  - Use of **RCTs to measure energy savings/emissions reductions**;
- **Recommend actions**, that can accelerate federal energy management progress over:
  - **The next two years**;
  - **The next five years.**

# Task Force Members

- *John Deutch (SEAB Chair, ex officio member of Task Force)\**
- *Arun Majumdar (SEAB Vice Chair)\**
- *Dan Reicher (Task Force Co-Chair)\**
- *Ellen Tauscher (Task Force Co-Chair)\**
- France Beinecke (NRDC)
- Rafael Bras (Georgia Institute of Technology)\*
- Jim Connaughton (Nautilus Data Technologies; former CEQ Chair)
- Jeff Eckel (Hannon and Armstrong)
- Michael Greenstone (University of Chicago)\*
- David Krieger (Warburg-Pincus)
- Ron Litzinger (Edison Energy)
- Michelle Moore (Groundswell; former OMB and CEQ)
- Dorothy Robyn (B.U. Inst. for Sustainable Energy ; former DOD and GSA)
- Phil Sharp (Resources for the Future; former Member of Congress)

\*Denotes SEAB Member

# Ten Recommendations to Improve Federal Energy Management

1. Federal Energy Goals: How Good a Tool for Federal Energy Management?
2. Improve Federal Energy Efficiency Projects Through Better Evaluation, Measurement and Verification [and Use of RCTs]
3. Accelerate the Use of Energy Savings Performance Contracts
4. Reduce the Federal Carbon Footprint by Cutting the Federal Real Estate Footprint
5. Improve Federal Procurement of Renewable Energy

# Ten Recommendations to Improve Federal Energy Management (cont'd)

6. Increase the Role of the Power Marketing Administrations in Renewable Energy Deployment
7. Address Barriers to Expanding Clean Energy Development on Federal Lands
8. Increase Federal Deployment of Alternative Fuel Vehicles
9. Expand the Role of Military Bases and Federal Buildings as Energy Technology Test Beds
10. Strengthen FEMP's Budget, Standing, and Relationships