

# DOE's Working Group on Adopting a Standard Port for Water Heaters

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## ***ACEEE Hot Water Forum***

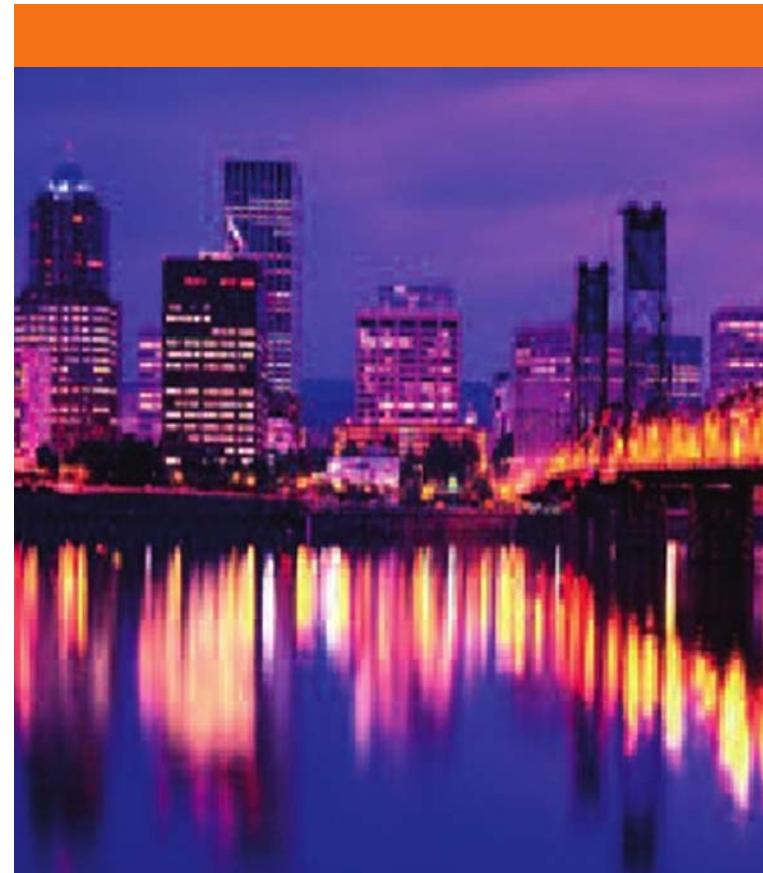
February 23, 2016

Moderator: Brian Spak -- Portland General

Panelists: Bill Hosken -- AO Smith

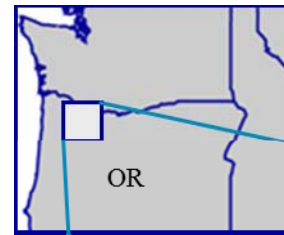
Chris Granda – ASAP

Robin Roy -- NRDC



# About Portland General Electric

- 850,000 customers
  - 750,000 residential
  - 70% of Oregon's GDP
- Serving Oregon since 1889
  - first AC hydro plant and first long-distance transmission
- Advocating for 50% RPS by 2040
- Focused on customers
  - Top quartile – residential customer satisfaction
  - Top customer participation and kWhs in Utility Green Power Programs



# Inside the walls of Oregon's largest utility



# Background and DOE's 'Ask'

In a Sept. 14, 2015, Senators Cantwell and Wyden of the Senate Committee on Energy and Natural Resources requested that DOE “...establish a working group to establish and promote the widespread adoption of a standard communications port for selected appliances, particularly electric water heaters.”

To address the concerns above, DOE is soliciting the Appliance Standard Rulemaking Advisory Committee's (ASRAC) interest in establishing a **Connected-Equipment Working Group** under ASRAC to:

1. **Recommend a specific, open communications port** or recommend a process for identifying and establishing a specific open communications standard port to be the exclusive grid-interactive communications protocol on **Grid-Enabled Water Heaters (GEWHs)**.
2. **Develop a path forward to encourage widespread adoption** of a voluntary standard communications port for GEWHs. If the group is unable to align towards wide-scale adoption of a voluntary standard, we then request recommendations for determining appropriate federal action to promote a standard port.
3. **Identify potential pilot projects** to increase adoption of a standard communications port on GEWHs in specific regions of the country.

Source: U.S. DOE, January ASRAC meeting