

Henry Lorenzen
Chair
Oregon

Bill Bradbury
Oregon

Guy Norman
Washington

Tom Karier
Washington



Northwest Power and Conservation Council

W. Bill Booth
Vice Chair
Idaho

James Yost
Idaho

Pat Smith
Montana

Jennifer Anders
Montana

December 6, 2016

MEMORANDUM

TO: Power Committee

FROM: Tina Jayaweera, John Ollis

SUBJECT: Debrief on first meeting of the Demand Response Advisory Committee

BACKGROUND:

Presenter: Tina Jayaweera, John Ollis

Summary: The first meeting of the demand response advisory committee (DRAC) was held at Council offices on December 1, 2016. The meeting had 61 attendees in person and on the phone. Attendees included representatives from utilities, state regulators, implementation firms, consultants, advocacy organizations, nonprofits, and other firms. Agenda items included: review of the DRAC charter; overview of Council's advisory committees, roundtable of interests from attendees; sharing of DR data; and defining demand response.

Key takeaways from the meeting include Council staff developing straw proposals for (1) a template for DR data collection and (2) a definition of demand response, including what it is and how it is used for the region.

Future meeting topics include: comments on above staff proposals (template and definition), review of "generation master file" used by California ISO to define key parameters for DR, discussion of how Regional Technical Forum is considering DR, lessons learned on the Pacific Northwest Smart Grid demonstration project, overview of

Bonneville's DR technology roadmap, and an overview of the California ISO and its potential impact on the Northwest grid. The DRAC agreed to meet quarterly in 2017.

Relevance: The demand response advisory committee (DRAC) was formed based on Action Item COUN-1 of the Council's Seventh Power Plan. The DRAC will assist the Council in implementing the Seventh Power Plan by identifying technical, cost, environmental, institutional, contractual, and other barriers to the development of demand response resources and assisting in developing policies and actions to resolve those barriers. The DRAC will also provide the Council with feedback and suggestions for improving the effectiveness of the demand response development in the region.

Workplan: A.2.1 Convene forum and/or advisory committee to explore barriers and strategies to demand response development.

Background: In July 2016, the Council approved the Charter for the demand response advisory committee. <http://www.nwcouncil.org/media/7150407/8drac.pdf>

More Info: The DRAC webpage provides links to the charter, membership, meeting agenda, and other technical resources
<http://www.nwcouncil.org/energy/dr/drac-home/>

1st DRAC Debrief

Power Committee

12/13/2016

Who Was There?

44 attendees in person, 17 on the phone, including...

Utility regulators and government agencies

- WUTC, OPUC, MT DEQ, ODOE, WA Dept. of Commerce, Western EIM Governing Board

Utilities (Public and Investor Owned)

- BPA, Idaho Power, Pacificorp, PGE, PSE, Avista, Tacoma Power, SCL, Central Lincoln, Flathead Electric, SnoPUD, Clark County PUD

Researchers

- LBNL, PNNL

Consumer and Industry Advocates

- ICNU, NWECA, Smart Grid NW, NRDC, RAP, NEEC, PNUCC

Implementers and Practitioners

- Energy NW, Nest, Comverge, NRG, Enertech, ClearResult, UCONS

Program Evaluators

- Navigant, EQL, Cadmus, AEG, ERS

What Was Discussed?

Focus for now

- Develop common definition
 - DR in 7th Plan
 - Ways DR can be used
 - Modeling limitations
 - Key value streams for 8th Plan
- Sharing DR data
 - Historic use of DR
 - Future projected DR
 - Format and key characteristics of shared data

Focus for 2017-2018

- Identify barriers to development
- Develop policies/actions to resolve barriers
- Improve effectiveness of programs

What's Next

- **Council staff will create straw proposals:**
 1. **Template for DR data collection**
 2. **Definition of Demand Response**
- **Meet again in Q1 2017**
- **Use DRAC web site as a clearinghouse for regional data and reports**