



*2017 PSE Integrated Resource Plan*

## Public Participation

*This appendix describes public involvement in the development of the 2017 PSE IRP.*

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# 1. PUBLIC INPUT TO THE 2017 IRP

PSE is committed to public involvement in the IRP planning process. In particular, the Integrated Resource Plan Advisory Group (IRPAG) meets with us regularly throughout the development of the analysis. The IRPAG is involved in all elements of the IRP.

By the time this plan was filed with the Washington Utilities and Transportation Commission (WUTC), 14 formal IRPAG meetings had been held, as well as dozens of informal meetings and communications. These meetings generated valuable constructive feedback, and the suggestions and practical information we received from both organizations and individuals helped to guide the development of this document. We want to thank those who took part for both the time and energy they invested, and we encourage their continued participation.

As a result of stakeholder suggestions and concerns in these meetings, PSE added the numerous additional analyses to the 2017 IRP. Among them are:

- An additional economic scenario that applied the 2017 Low Demand Forecast to High Scenario assumptions
- Reexamination of gas-fired resource costs conducted by Black and Veatch
- A review of renewable resource cost assumptions conducted by DNV GL
- Numerous sensitivity analyses, including:
  - No new thermal resources
  - Alternative resource costs for gas-fired resources, wind development and solar
  - An alternate discount rate for conservation in the electric analysis and gas analysis
  - Tipping point analysis on Montana wind
  - Off-shore wind
  - Repowering Hopkins and Wild Horse wind facilities
  - Coupling batteries with renewables as a joint resource

## Appendix A: Public Participation



Stakeholders who actively participated in one or more meetings include:

- WUTC policy staff and advocacy staff
- Washington State Office of the Attorney General
- Northwest Industrial Gas Users (NWIGU)
- Northwest Gas Association (NWGA)
- Northwest Pipeline (NWP)
- The NW Energy Coalition (NVEC)
- The Sierra Club
- The Northwest Power and Conservation Council
- The City of Bellevue
- The Washington State Department of Commerce
- Project developers, including UET, Pascoe Energy Consulting LLC, Invenergy
- Renewable Northwest (RNW)
- Coalition of Eastside Neighborhoods for Sensible Energy (CENSE)
- King County
- Other utilities
- PSE customers

The following pages briefly describe the purpose of the IRPAG and list the formal IRPAG meetings held. Meeting agendas, presentations and notes are published on the PSE website at <http://pse.com/aboutpse/EnergySupply/Pages/Resource-Planning.aspx>.



## 2. IRPAG MISSION AND ROLE

The IRPAG is the primary means of satisfying the public involvement requirements of WAC 480-90/100-238. While the IRP document is not a product of “consensus,” the IRPAG engages PSE and stakeholders in a consultative process that has proven to be an effective means for PSE planning staff to receive input on many key framework assumptions, including suggesting sensitivity analyses and related issues.

To clarify the roles and expectations of the public participation process and to provide greater transparency regarding PSE’s analytical processes, PSE retained PDSA Consulting, Inc. to facilitate the IRPAG meetings. This included setting up consensus-driven ground rules for the 2017 IRPAG process, developing meeting guidelines, the documentation of meeting notes, a listing of next steps and action items, and timing of IRPAG presentation material distribution. In January 2016, PSE also added resources to promote communication and accountability. We established a new address for written stakeholder questions and concerns ([irp@pse.com](mailto:irp@pse.com)), developed protocols for timely PSE response, and added the questions and answers to the online record of the 2017 IRP.



### 3. 2016/17 IRPAG MEETINGS

The agendas, meeting notes, handouts and copies of the full presentations made by PSE staff at the IRP Advisory Group meetings listed below are posted on PSE's website at <http://pse.com/aboutpse/EnergySupply/Pages/Resource-Planning.aspx>.

June 17, 2016 (kickoff)	January 25, 2017
July 27, 2016	February 3, 2017
August 22, 2016	March 16, 2017
September 26, 2016	May 22, 2017
October 27, 2016	June 22, 2017
November 14, 2016	July 21, 2017
	August 11, 2017
	October 5, 2017

In addition, the IRPAG met in an informal meeting to discuss thermal RAC on July 25, 2016.