

PUC Update:

Resource Value of Solar and Transportation Electrification

Oregon Public Utility Commission

Jason Eisdorfer, Utility Program Director

Julie Peacock, Senior Policy Advisor

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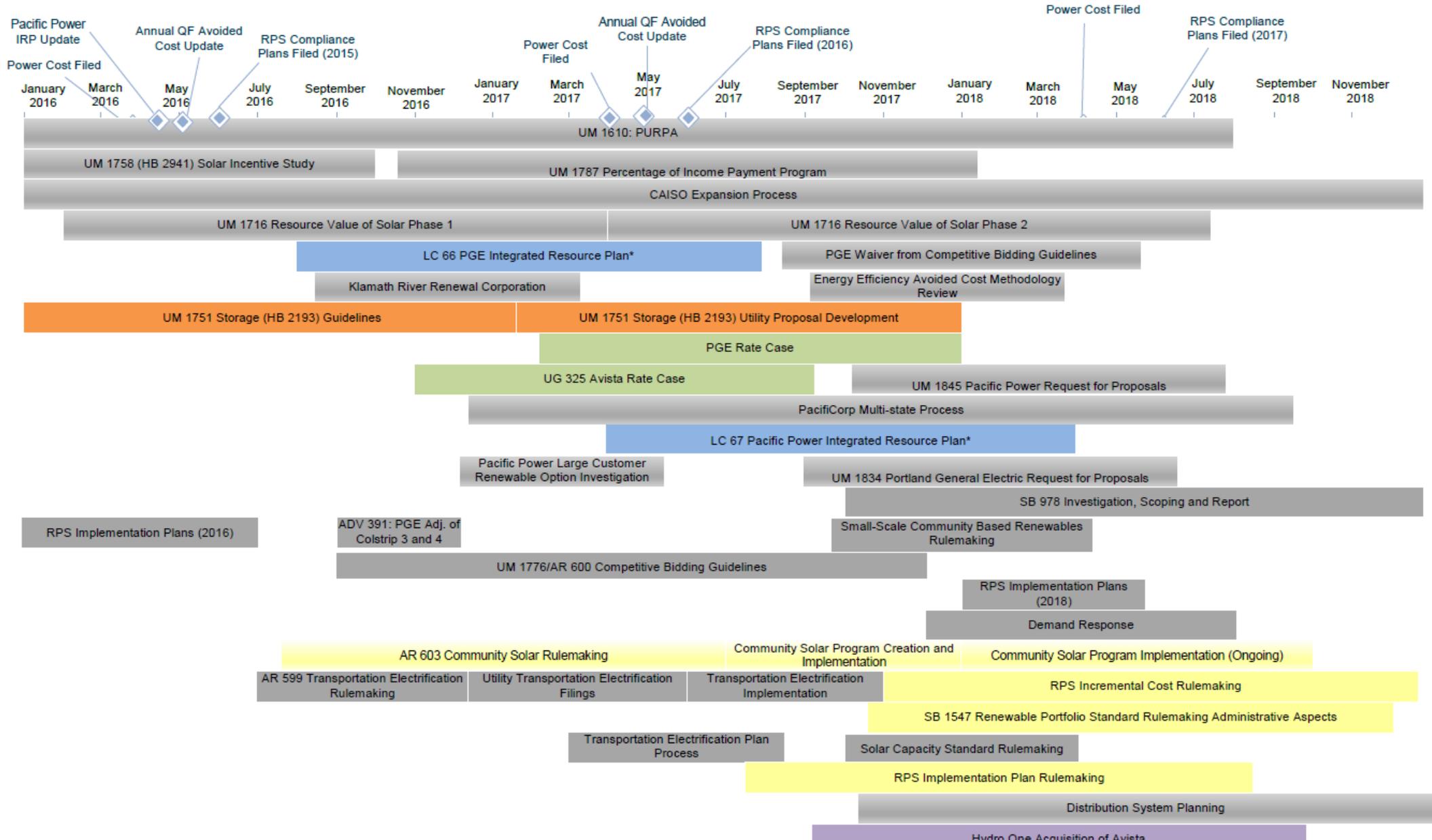


Mission

To ensure Oregon utility customers have access to safe, reliable, and high-quality utility services at just and reasonable rates.

We do so through robust and thorough analysis and independent decision-making conducted in an open and fair process.

Current Dockets





Resource Value of Solar

The resource value of solar (RVOS) refers to the benefits that accrue to the **utility system** and its ratepayers from the integration of solar as a resource.

Benefits of utilizing an RVOS to the utility system:

- Solar generator receives the value of the energy generated and other benefits to the utility system;
- Other customers pay for the value received;
- Over time will help optimize investment in and operation of the distribution system;
- Future opportunities exist to incorporate locational value; and
- Tool to realize the benefits of distributed generation.



RVOS Phase I: Identified Elements of the Resource Value of Solar

1. Energy
2. Generation Capacity
3. Transmission and Distribution Capacity
4. Line Losses
5. Administration
6. Market Price Response
7. Renewable Portfolio Standard Compliance
8. Integration and Ancillary Services
9. Hedge Value
10. Environmental Compliance
11. Security, Reliability and Reserves



RVOS Phase II: Next Steps

- The utilities will be leading the next phase, by providing the data and information needed to value the identified elements of the RVOS.
- The RVOS that is developed after Phase II will require refinement over time, as we do not anticipate the value arrived at will be a final value.
- In the future, methodologies and practices developed in the RVOS can be expanded to other technologies, such as storage and other distributed resources.



Transportation Electrification

SB 1547, Sect. 20:

The PUC shall direct each electric company to file applications, in a form and manner prescribed by the commission, for programs to accelerate transportation electrification. A program proposed by an electric company may include prudent investments in or customer rebates for electric vehicle charging and related infrastructure.



Transportation Electrification Programs and Pilots

Outreach & Education Programs

- Idaho Power
- Pacific Power
- Portland General Electric

Public Charging

- Pacific Power
- Portland General Electric



Transportation Electrification Long-Term Plans

- Long-term planning by the utilities will enable the Commission to understand the interaction between the utilities' Integrated Resource Plans, the development of their Transportation Electrification Programs, and the utilities' role in the growth of the zero emission vehicle market.
- Commission will begin a rulemaking process to develop the outline and scope of long-term plans the utilities will be required to file.
- Rulemaking is anticipated to begin by the end of the year.



Contact

Jason Eisdorfer

Jason.eisdorfer@state.or.us

Julie Peacock

Julie.peacock@state.or.us