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September 10, 2019

### **MEMORANDUM**

**TO: Council Members**

**FROM: Jennifer Light**

**SUBJECT: 2018 Regional Conservation Progress Report**

### **BACKGROUND:**

Presenter: Jennifer Light

Summary: The Regional Conservation Progress (RCP) survey comprises energy efficiency savings data from Bonneville (on behalf of their public utilities), the region's investor owned utilities, Energy Trust of Oregon, and the Northwest Energy Efficiency Alliance. The report also includes data on total market savings, capturing additional savings occurring outside of direct program touch. The data provide an understanding of the cost-effective energy efficiency savings acquired in the region and related expenditures for 2016-2018.

The data reported for 2016 through 2018 show that the region is currently on track with the Seventh Power Plan energy efficiency acquisition milestones. Despite this good progress, there are a few areas of note that may impact whether the region will meet the six-year goal of 1400 aMW of energy efficiency:

- Savings from programs have declined annually between 2016 and 2018, and projections show a continued trend. If that holds true, it will require increasing amounts of savings from the NEEA Alliance and other market sources.
- Residential lighting has been a significant portion of the total regional savings over the past three years. Starting in 2020,

however, the Power Plan assumes a much more efficient baseline for general service lamps. This means that there will need to be a shift towards achieving savings in other end uses for the region to meet the goals.

- Bonneville is currently achieving less than 42% of the regional target. This trend is consistent with what was reported in the 2017 RCP.

Staff will present the findings of this survey to the Council, including more information on the accomplishments to date and on these trends to track in the coming years.

Relevance: The Seventh Power Plan established a goal of 1400 aMW of conservation acquisition by the end of the six-year Action Plan period (2021). This was broken into two-year milestones:

	<b>FY 2016-2017</b>	<b>FY 2018-2019</b>	<b>FY 2020-2021</b>
Annual Energy Savings (aMW)	370	460	570
Cumulative Energy Savings (aMW)	370	830	1400

Per its charter, the Regional Technical Forum is responsible for tracking the region's progress against the plan goals.

Workplan: B.1.1 Coordinate with regional entities to ensure the regional goal for cost-effective conservation is achieved.