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January 3, 2018

### MEMORANDUM

**TO: Council Members**

**FROM: Gillian Charles**

**SUBJECT: PNW Resource Update and Demonstration of Enhanced Website Mapping Tool**

### BACKGROUND:

**Presenter:** Gillian Charles, Eric Schrepel

**Summary:** Staff will provide an update on generating resources in the Pacific Northwest, annual generation and carbon emissions through 2016 (the latest year we have data for), and a look forward to resource changes coming up in the next few years.

In addition, staff will provide a preview of the updated power supply website and enhanced generating resources project map. Improvements include a new interface that allows for additional ways to filter projects on the map – by resource, size, and operating year.

**Relevance:** Staff tracks existing and planned generating projects in the region through the Council's project database. It has evolved over the years to store and provide a robust amount of data that is used for various Council models and analyses. It is also a public data source that is used by regional and national stakeholders.

**Workplan:** Prepare for Eighth Plan/Generation Resources/Update generating resource datasets and tools (C.4.1)