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June 4, 2019

MEMORANDUM

TO: Power Committee Members

FROM: Kevin Smit

SUBJECT: Develop Energy Efficiency Supply Curves for 2021 Power Plan

BACKGROUND:

Presenter: Kevin Smit

Summary: In preparation for the 2021 Power Plan, staff will be providing the Power Committee a series of presentations on different aspects to developing the Plan. This presentation will be on the development of energy efficiency (EE) supply curves.

Relevance: Energy efficiency is one of the options considered by the Regional Portfolio Model when determining a low-cost resource mix for the plan horizon. To analyze EE in the Regional Portfolio Model, staff develops a supply curve that provides bundles of the amount of EE available at different price points, with information on seasonal attributes.

Workplan: A.1.1 Prepare EE supply curves for the 2021 Plan

More Info: In 2014, staff provided an overview of EE methodology in the plan for the Seventh Plan:

<https://nwcouncil.box.com/s/nyuapot8l4yd5oen5ep2c0vioyt2a5v2>

In 2017, staff provided a review of the definition of EE:

<https://nwcouncil.box.com/s/dsd5y7y7vfzeacif9yI9e1i0qj56h8d2>

In 2018, staff summarized the approach to EE Cost-Effectiveness:

<https://nwcouncil.box.com/s/ox4vqgmkgcec4bfl7ojc58kksqhzgm20>