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March 3, 2015

MEMORANDUM

TO: Power Committee members

FROM: Ben Kujala

SUBJECT: Regional Portfolio Model (RPM) Update and Discussion on the Impact of Model Elements

BACKGROUND:

Presenter: Ben Kujala

Summary Since the last Council meeting, the third phase of the redevelopment work on the RPM was delivered on schedule. The staff are now in the 30 day evaluation period. Signoff of the final model deliverable will be on March 13th.

The third phase primarily dealt with the model's construction logic including meeting both capacity and energy adequacy requirements.

Through the process of testing and assisting in the development of the redeveloped RPM staff is continues to identify and review the key elements of the model. Staff will continue the discussion started at the February Power Committee meeting regarding the inputs and model logic that significantly affect RPM results. The focus of the discussion at this meeting will be on those elements of the current RPM that may need to be modified or enhance in order to analyze specific scenarios.

Relevance The Regional Portfolio Model will be used to provide analytics for the Resource Strategy in the Seventh Power Plan.

Workplan: 1.E. Redevelopment of Regional Portfolio Model

Background: Navigant is redeveloping the Regional Portfolio Model for the Seventh Power Plan. The project is scheduled to be completed in three phases. The first phase was completed before the October 1st deadline, the second phase was completed on the December 19th deadline and the third phase is scheduled to be delivered to the Council by February 12th with Council acceptance and signoff scheduled for March 13th. Council staff is supported on this project by contractors Doug Logan and Michael Schilmoeller.

More Info: Summary information and updates are available at <http://www.nwcouncil.org/energy/rpm/home/>.