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March 1, 2016

MEMORANDUM

TO: Council Members

FROM: John Fazio

SUBJECT: Status Report on the 2021 Resource Adequacy Assessment

BACKGROUND:

Presenter: John Fazio

Summary The Council assesses resource adequacy every year, examining the ability of the power supply to meet regional demand five years out. Toward that goal, the Resource Adequacy Advisory Committee has started the process of collecting data and reviewing assumptions for this year's assessment. The committee members will be briefed on the status of this work and on the current schedule for completion.

Relevance Besides being an early warning to ensure that the regional power supply remains adequate, the Council's adequacy standard is converted into Adequacy Reserve Margins (for both energy and capacity) that are fed into the Regional Portfolio Model to ensure that resource strategies developed by that model will produce an adequate supply.

Workplan: 1.C. Co-chair and manage the Resource Adequacy Advisory Committee

Background: Since the late 1990s, the Council has worked to develop a more robust method of assessing the adequacy of the region's power supply. In 2011 it formally adopted the loss-of-load probability (LOLP) metric as the measure to assess adequacy and set its maximum threshold at five percent. The Council reassesses this every year, looking at the adequacy of the power supply five years out, as an early warning to ensure that adequacy is maintained.

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

Status Report for the 2021 Resource Adequacy Assessment

Power Committee Meeting
March 8, 2016
Portland, Oregon

Key Data Updates

- Hourly loads – Match 7th plan data
- Imports – Review CA resources/loads
- Resources – Match 7th Plan data
- Hydro operations – Update to current BiOp
- Balancing reserves – Account for the whole region
- Standby resources – Review available DR and Bank's Lake storage

Proposed Schedule

Date	Event	Comments
Mar 17, 18 or 22	RAAC Tech Meeting	Review Data
Mar 24, 25 or 28	RAAC Steering Webinar	Review Policy Assumptions
April 6, 7 or 8	RAAC Tech Meeting	Review preliminary results
April 26, 27, 28 or 29	RAAC Steering Meeting	Review preliminary results
May 10	Power Committee	Review preliminary results
June 14	Council Meeting	Vote to release final