

BEFORE THE PUBLIC UTILITY COMMISSION

OF OREGON

UM 1719

In the Matter of:

PUBLIC UTILITY COMMISSION OF
OREGON,

Investigation to Explore Issues Related to a
Renewable Generator's Contribution to
Capacity.

STAFF UPDATED REPORT ON STATUS OF
EXPERT PANEL

In accordance with the Administrative Law Judge's Ruling dated June 4, 2015, Staff files its Updated Report on the Status of the expert panel. In her Ruling, ALJ Rowe stated that the Commission had approved the three experts Staff had previously identified and noted that Staff had tentatively set the morning of August 17, 2015 as the date for the workshop. After further consultation with the experts, Staff is able to provide the following confirmed date for the workshop, proposed agenda and short list of topic areas.

Panel of Experts:

Andrew Mills with the Lawrence Berkeley National Laboratory
Michael Milligan with the National Renewable Energy Laboratory; and
John Fazio with the Northwest Power & Conservation Council.

Workshop Date: August 17, 2015 (8:30 a.m.)

Proposed Workshop Agenda:

8:30 Introductions (5 min)

8:35 Presentation – Milligan (45 min)

Focus on summarizing the findings from the NERC report “Methods to Model and Calculate Capacity Contributions of Variable Generation for Resource Adequacy Planning” for which Mr. Milligan was the team lead.

9:20 Milligan Q&A with Commissioners (20 Min)

9:40 Presentation – Andrew Mills (45 min)

1 Focus on findings from paper "An Evaluation of Solar Valuation Methods Used in Utility
2 Planning and Procurement Processes" which discusses Load Serving Entity's approaches
towards capacity planning and the differences in valuation of solar capacity among several
utilities.

3 10:25 Fazio (45 min)

4 Focus on findings from his work with the Northwest Power and Conservation
5 Council Power Committee, with an emphasis on methods for estimating capacity
6 of wind generation. Mr. Fazio may also address BPA's approach to estimating
wind capacity.

7 11:30 Fazio Q&A with Commissioners (20 min)

8 11:50 Adjourn


9 Short List of Topic Areas

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- 11 • What are the accepted methods of calculating the capacity contribution of a
generating resource?
 - 12 • What factors, such as a utility's existing portfolio of generation, affect the choice of
method?
 - 13 • What are the pros and cons of using approximations to accepted methods of
calculating the capacity contribution?
 - 14 • How many hours (and what type of hours) should be used when calculating the
capacity contribution of a generating resource?
 - 15 • What are the most common mistakes when attempting to calculate the capacity
contribution of a generating resource?
 - 16 • Under which circumstances should the different methodologies be applied?
 - 17 • Should different methodologies be applied to:
 - 18 ○ Short range (within 12 months) planning
 - 19 ○ Long term planning
 - 20 ○ Specific contracts with individual generators (QF's, CHP, etc.)

21 DATED this 15th day of June, 2015.

22 Respectfully submitted,

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