

# **Exhibit 9-CV**

**17-035-61 Phase 2 Vote Solar Exhibit 9-CV 3-3-2020 Volkmann**



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August 16, 2019

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RE: UT Docket No. 17-035-61  
Vote Solar 6<sup>th</sup> Set Data Request (1-24)

Please find enclosed Rocky Mountain Power's Responses to Vote Solar 6<sup>th</sup> Set Data Requests 6.8, 6.15, 6.16, and 6.22. The remaining responses will be provided separately. Also provided are Attachments Vote Solar 6.8, 6.16 –(1-3) and 6.22.

If you have any questions, please call me at (801) 220-2823.

Sincerely,

\_\_\_\_\_/s/\_\_\_\_\_  
Jana Saba  
Manager, Regulation

Enclosures

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**Vote Solar Data Request 6.8**

Describe RMP's transmission and distribution expenditures from 2014 to present including:

- (1) Average and marginal line loss factor calculation methodology and studies;
- (2) Historical average and marginal line losses by time of day; and
- (3) DER integration costs, both historical and forecast.

**Response to Vote Solar Data Request 6.8**

- (1) The Company's most recent line loss study was done in 2009. Please refer to Attachment Vote Solar 6.8 which contains this study.
- (2) Please refer to response Vote Solar 6.8.1.
- (3) Please refer to the table below which provides the distributed energy resource (DER) integration costs:

2015	2016	2017	2018	2019 <sup>1</sup>
\$ 49,698	\$ 375,991	\$ 484,254	\$ 724,116	\$ 439,586

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<sup>1</sup> 2019 information is actual.

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Vote Solar Data Request 6.15

### **Vote Solar Data Request 6.15**

Provide all RMP studies from 2014 to the present associated with Effective Load Carrying Capacity (ELCC), by technology.

### **Response to Vote Solar Data Request 6.15**

The 2015 Integrated Resource Plan (IRP), and the 2017 IRP did not use the effective load carrying capacity (ELCC) method, rather PacifiCorp developed peak capacity contribution values for wind and solar resources using the capacity factor approximation method (CF Method).

Please refer to the following IRP references for more information available at:

<http://www.pacificorp.com/irp> .

- 2017 IRP, Volume II, Appendix N (Wind and Solar Capacity Contribution Study)
- 2015 IRP, Volume II, Appendix N (Wind and Solar Capacity Contribution Study)

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Vote Solar Data Request 6.16

### **Vote Solar Data Request 6.16**

Provide all RMP studies from 2014 to the present associated with future load growth, future solar, and other DER growth, and their impact on the shape and timing of the system peak.

### **Response to Vote Solar Data Request 6.16**

The Company objects to the request on the basis that it is overly broad and unduly burdensome. Without waiving the objection, please refer to Attachment Vote Solar 6.16-1 which provides the load forecast detail for the load growth studies conducted since 2014 as part of the Company's integrated resource plans (IRP).

Please refer to Attachment Vote Solar 6.16-2 which provides solar and other distributed energy resources (DER) studies completed since 2014.

Please refer to Attachment Vote Solar 6.16-3 which provides the available load forecast detail for the DER timing impact studies conducted since 2014 as part of the Company's IRP.

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Vote Solar Data Request 6.22

**Vote Solar Data Request 6.22**

Please respond to the following request relating to Exhibit A to the November 9, 2016 Direct Testimony of Douglas L. Marx in Docket No. 14-035-114:

(1) Provide the underlying data for figure 7 on page 9.

**Response to Vote Solar Data Request 6.22**

(1) Please refer to Attachment Vote Solar 6.22.