

July 12, 2013

***VIA ELECTRONIC FILING  
AND OVERNIGHT DELIVERY***

Public Service Commission of Utah  
Heber M. Wells Building, 4<sup>th</sup> Floor  
160 East 300 South  
Salt Lake City, UT 84114

Attention: Gary Widerburg  
Commission Secretary

Re: Docket No. 08-999-05  
2013 Smart Grid Monitoring Report

In its November 30, 2011 Report and Order in the above referenced docket the Commission directed Rocky Mountain Power to file an annual Report on Smart Grid Technology in July each year. In compliance with that order, Rocky Mountain Power hereby submits its 2013 Smart Grid Annual Report and appendices. The Company will also provide an electronic version of this filing to [psc@utah.gov](mailto:psc@utah.gov). A Confidential CD containing workpapers and other confidential material will also be provided.

Included in the report are two appendices, the first of which defines common industry abbreviations and a second which discusses smart grid projects at other companies. Also included are confidential Attachment A, the Smart Grid Financial Summary, and confidential Attachment B which expands on the dynamic line rating project discussion in the body of the report. Docket requirements and their location in the report are listed below.

- 1) A discussion (including project/activity description, cost, status, results and pertinent cost/benefit information) of all smart-grid related projects and activities the Company is actually engaged in throughout its system (e.g., tests of transmission synchrophasors, energy storage projects, voltage support projects)
  - a. pages 32-39, **Smart Grid Projects**
- 2) A discussion of any smart grid-like activities the Company is either considering or has implemented which accrue some of the benefits of smart grid
  - a. pages 36-37, **Communicating Faulted Circuit Indicators**
- 3) A discussion of upgrades or changes the Company is making relative to potential smart grid implementation and the related benefit-cost analyses
  - a. pages 32-39, **Smart Grid Projects**
- 4) A list and description of smart grid pilot projects across the country being monitored by the Company

- a. pages 59-61, **Smart Grid Technologies at Other Companies**
- 5) A description of smart grid related activities and requirements in the Company's other jurisdictions
  - a. pages 34-35, **CVR Pilot Project**
  - b. other states requiring smart grid reports:
    - i. [Washington](#)<sup>1</sup>
    - ii. [Oregon](#)<sup>2</sup>
    - iii. [Wyoming](#)<sup>3</sup>
- 6) An explanation of the interaction of smart grid, possible rate structures, and consumer behavior
  - a. pages 49-53, **Demand Response, Customer Education**
- 7) A discussion of vehicle to grid applications in the Plug-In Electric Vehicle section of the Report.
  - a. page 45-47, **Plug-In Electric Vehicles**

Attachments A and B and the workpapers to the 2013 Annual Smart Grid Report contain information that is commercially sensitive to Rocky Mountain Power and are confidential. Accordingly, Rocky Mountain Power is filing the confidential documents and workpapers under seal pursuant to R746-100-16, and requests that the Commission require any party who wishes to view these documents execute a Confidential Information Certificate.

It is respectfully requested that all formal correspondence and staff requests regarding this matter be addressed to:

By E-mail (preferred): [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)  
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<sup>1</sup> <http://apps.leg.wa.gov/wac/default.aspx?cite=480-100-505>

<sup>2</sup> <http://apps.puc.state.or.us/orders/2012ords/12-158.pdf>

<sup>3</sup> <http://psc.state.wy.us/htdocs/orders/90000-106-18739.htm>

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Please direct any informal inquires concerning this matter to Dave Taylor at (801) 220-2923.

Sincerely,

Jeffrey K. Larsen

Vice President, Regulation & Government Affairs

cc: Division of Public Utilities  
Office of Consumer Services

Enclosures