



May 8, 2013

Ms. Kate Whitney  
Utility Division  
Montana Public Service Commission  
1701 Prospect Avenue  
PO Box 2022601  
Helena, Montana 59620-2601

**Re: Docket No. D2012.5.49 Electric Tracker  
PSC Set 5 Data Requests (PSC-034-PSC-091)  
2<sup>nd</sup> Updated Response to PSC-080**

Dear Ms. Whitney:

Enclosed for filing is a copy of NorthWestern Energy's 2<sup>nd</sup> updated response to Data Request PSC-080 in PSC Set 5. This updated response has been mailed to the service list in this docket and will also be e-filed on the PSC website.

Should you have questions please contact Joe Schwartzenberger at (406) 497-3362.

Sincerely,

A handwritten signature in cursive script that reads "Nedra Chase".

Nedra Chase  
Administrative Assistant

Enclosures

**CERTIFICATE OF SERVICE**

I hereby certify that a copy of NorthWestern Energy's 2<sup>nd</sup> updated response to PSC Set 5 Data Request No. PSC-080 in Docket D2012.5.49 Electric Tracker has been served by mailing a copy thereof by first class mail, postage prepaid to the service list in this Docket. It will also be e-filed on the PSC website.

Date: May 8, 2013

A handwritten signature in cursive script that reads "Nedra Chase". The signature is written in black ink and is positioned above a horizontal line.

Nedra Chase  
Administrative Assistant  
Regulatory Affairs

**A. Docket D2012.5.49  
Service List**

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**Monica J. Tranel  
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**John W. Wilson  
JW Wilson & Associates  
1601 North Kent St.  
Suite 1104  
Arlington VA 22209**

**NorthWestern Energy**  
**Docket D2012.5.49**  
**Electric Tracker**

**Montana Public Service Commission (PSC)**  
**Set 5 (034-091)**

Data Requests received February 22, 2013

PSC-080

Regarding: Energy from Non-Dispatchable Resources  
Witness: Markovich

- a. For the 2011-2012 tracker period, please identify each non-dispatchable resource providing electric supply to NWE's market operations group, including resources available through power purchase agreements, take-and-pay contracts and hedging contracts whose deliveries cannot be avoided without incurring the same cost that would otherwise be paid under the agreement or contract, as well as resources that are owned by or contracted to NWE but whose energy production is not within NWE's control. For each resource, list the contracted heavy load hour and light load hour energy and capacity amounts and, to the extent applicable, any monthly variations.
- b. For the 2011-2012 tracker period, please identify the hours and the number of hours during which the supply resulting from non-dispatchable resources in (a) was greater than scheduled retail loads.
- c. For those hours in which the phenomenon described in (b) occurred, please provide the scheduled load, and a list of the non-dispatchable resources delivering energy, including for each the amount of delivered energy in that hour.
- d. For those hours in which the phenomenon described in (b) occurred, please state whether Colstrip Unit 4 delivered energy, and if so, the amount of energy. To the extent the reciprocal sharing agreement with Colstrip Unit 3 resulted in energy deliveries from that unit, include those deliveries in the response to this question.

RESPONSE:

- a. See the file in the folder labeled "PSC-080" on the CD attached to PSC-043, specifically under the "webTrader Data" tab.
- b. See the "Summary" tab of the file provided in response to part a, above.
- c. See the "Hourly" tab of the file provided in response to part a, above.
- d. See the "Hourly" tab of the file provided in response to part a, above.

**NorthWestern Energy**  
**Docket D2012.5.49**  
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Data Requests received February 22, 2013

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UPDATED RESPONSE (April 10, 2013):

The following clarifications were requested by Commission staff:

The data request asked for energy supplied from non-dispatchable resources, and the electronic file provided in response abbreviated the supply sources.

- a. Please spell out the following counter parties: AVWP, CSEL, BPAP, BSNCR, and REMC.
- b. Would Citigroup, Morgan Stanley, and TransAlta be considered non-dispatchable?
- c. NWE has a 50 MW contract with Powerex for low load hour power, but in the attachment to PSC-080, it looks like in 2012 Powerex is delivering non-dispatchable power mostly in heavy load hours. Please clarify.

RESPONSE:

- a. AVWP = Avista Corp.  
CSEL = Credit Suisse  
BPAP = Bonneville Power Administration  
BSNCR = Basin Creek  
REMC = Rainbow Energy
- b. Yes.
- c. NWE has a two-year, 50 MW off-peak contract with Powerex that commenced on January 1, 2013. The volumes in 2012 were from other transactions with Powerex.

SECOND UPDATED RESPONSE (May 8, 2013):

After further discussions with Commission staff, NWE provides the following clarification to its original and updated responses:

- a. See the file, "PSC-080 Updated Attachment", specifically under the "PSC-080 Part a" tab, on the enclosed CD. This tab lists the non-dispatchable resources in NWE's portfolio for on-peak and off-peak hours by month. The resources are grouped into long-term, intermediate-term, and monthly categories. NWE's share of Colstrip Unit 4 is

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shown at the minimum operating level of 60 MW. (This amount and all values for Colstrip Unit 4 in all parts of this response include amounts delivered from Colstrip Unit 3 under the reciprocal sharing agreement.)

- b. See the "PSC-080 Parts b-d" tab of the file provided in response to part a, above. This tab shows there were 179 hours during which the output from non-dispatchable resources, including the minimum operating level of Colstrip 4, exceeded scheduled retail loads. Please note that this data and this number of hours do not reflect the 60 MW of additional non-dispatchable intermittent resources that NorthWestern added to its portfolio after the end of the 2011-2012 tracker period.
- c. See the "PSC-080 Parts b-d" tab of the file provided in response to part a, above. Scheduled retail load is shown in Column X. Volumes from non-dispatchable contracted resources are shown in Columns E through T. Column T shows the deliveries from day-ahead and other intra-month non-dispatchable resources. The non-dispatchable output from Colstrip 4 is shown in Column V.
- d. See the "PSC-080 Parts b-d" tab of the file provided in response to part a, above. The dispatchable output of Colstrip 4 is shown in Column AB. The total output of Colstrip 4 is shown in Column AD.