



June 24, 2014

Ms. Kate Whitney
Montana Public Service Commission
1701 Prospect Avenue
P.O. Box 202601
Helena, MT 59620-2601

RE: Docket No. D2013.12.85
PPLM Hydro Assets Purchase
MCC Set 3 Data Requests (074-094)
Updated Response to MCC-089

Dear Ms. Whitney:

Enclosed for filing is a copy of NorthWestern Energy's updated response to MCC-089 in MCC Set 3 Data Requests. A hard copy will be mailed to the most recent service list in this Docket this date. The Montana Public Service Commission and the Montana Consumer Counsel will be served by hand delivery this date. This updated response will also be e-filed on the PSC website and emailed to counsel of record.

Should you have questions please contact Joe Schwartzberger at 406 497-3362.

Sincerely,

Nedra Chase
Administrative Assistant
Regulatory Affairs

NC/nc
CC: Service List

CERTIFICATE OF SERVICE

I hereby certify that a copy of NorthWestern Energy's updated response to MCC-089 in MCC Set 3 (074-094) Data Requests in Docket D2013.12.85, the PPLM Hydro Assets Purchase, has been hand delivered to the Montana Public Service Commission and to the Montana Consumer Counsel this date. This updated response will be e-filed on the PSC website and served on the most recent service list by mailing a copy thereof by first class mail, postage prepaid. This updated response will also be emailed to counsel of record.

Date: June 24th, 2014



Nedra Chase
Administrative Assistant
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**Docket No D2013.12.85
Hydro Assets Purchase
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NorthWestern Energy
Docket D2013.12.85
PPLM Hydro Assets Purchase

Montana Consumer Counsel (MCC)
Set 3 (074-094)

Data Requests served January 24, 2014

MCC-089 RE: Other Evaluation of Hydros
Witness: Dave Fine

Please provide copies of any reports or memorandums presented by Ascend Analytics showing their results and recommendation related to their evaluation of the addition of the Hydros to the supply portfolio as referenced in your testimony at page JMS-39, lines 4-9.

RESPONSE:

The Ascend Analytics evaluation of the Hydros is included in Volumes 1 & 2 of the 2013 Electricity Supply Resource Procurement Plan. Chapter 6 of Volume 1, titled "Portfolio Modeling and Analysis", was authored by Ascend Analytics. Chapter 6 presents a detailed discussion of the modeling framework with references to the Hydros and results of modeling the hydroelectric resources when added to the current portfolio. Although references to the Hydros can be found throughout Chapter 6, specific treatment of the Hydros is included in Table 6-1 on page 6-15 and on pages 6-53 through 6-56.

Chapter 4 of Volume 1, sections 2 and 3, include PowerSimm modeling results including the results of the current portfolio plus the Hydros (see pages 11 – 64).

UPDATED RESPONSE (June 24, 2014):

The reference to Chapter 4 in the last sentence above pertains to Volume 2 of the 2013 Plan, not Volume 1.