



February 12, 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 4 Data Request  
Updated Response to PSC-033**

Dear Ms. Whitney:

Enclosed for filing is a copy of NorthWestern Energy's updated response to PSC-033 data request in PSC Set 4. This data request response has been mailed to the service list in this docket. It has been efiled with the PSC.

Should you have questions please contact Joe Schwanzenberger 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 updated response to PSC Set 4 Data Request PSC-033 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. This response has been efiled with the PSC.

Date: February 12, 2013



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Nedra Chase  
Administrative Assistant  
Regulatory Affairs

**A. Service List  
D2012.5.49**

**Al Brogan  
NorthWestern Energy  
208 N. Montana Ave Ste 205  
Helena MT 59601**

**Nedra Chase  
NorthWestern Energy  
40 E. Broadway  
Butte MT 59701**

**Charles Magraw  
501 8th Ave.  
Helena MT 59601**

**Robert Nelson  
Montana Consumer Counsel  
111 N. Last Chance Gulch  
Suite 1B  
Helena MT 59620-1703**

**Sarah Norcott  
NorthWestern Energy  
208 N. Montana Ave Ste 205  
Helena MT 59601**

**Dr. Thomas M. Power  
920 Evans Ave.  
Missoula MT 59801**

**Joe Schwartzberger  
NorthWestern Energy  
40 E. Broadway  
Butte MT 59701**

**Kate Whitney  
Public Service Commission  
1701 Prospect Ave.  
P O Box 202601  
Helena MT 59620-2601**

**John W. Wilson  
JW Wilson & Associates  
1601 North Kent St. Ste 1104  
Arlington VA 22209**

**North Western Energy**  
**Docket D2012.5.49**  
**Electric Tracker**

**Montana Public Service Commission (PSC)**  
**Set 4 (033)**

Data Requests received January 31, 2013

PSC-033

Regarding: SBW Report – Tables, Supporting Files, and Other Resources  
Witness: Michael Baker, parts a – e / Bill Thomas, parts d & e

Please provide a revision of Table 645 that incorporates the following:

- a. For each program for which energy savings differs from reported energy savings, please summarize the primary factors that account for the difference. For example, a primary factor explaining the difference in savings for the Residential Lighting program might be the assumed number of hours per day that lighting fixtures operate. Please support the difference.
- b. For each program incorporate the calculated free ridership and spillover rate estimates.
- c. To the extent necessary, update the B/C ratios and CSE values in Tables 648 and 649 based on the revised Table 645.
- d. Please provide working electronic copies of all Tables with all supporting files and links intact.
- e. Please provide copies of all internal and external resources used to inform the estimates found in the Tables.

RESPONSE:

- a. A timely response will be provided later.
- b. A timely response will be provided later.
- c. A timely response will be provided later.
- d. Refer to the spreadsheet workbooks titled Impact Result Tables - Tracker FINAL 01-29-13 and Impact Result Tables –Calendar FINAL 01-29-13 on the attached CD.
- e. A timely response will be provided later.

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

**Montana Public Service Commission (PSC)**  
**Set 4 (033)**

Data Requests received January 31, 2013

PSC-033 cont'd

UPDATED RESPONSE (February 12, 2013):

- a. Reasons for differences between NWE-reported savings and the evaluation results are presented in the workbook on the enclosed CD on the tab named "Table 645 with Reasons." See the new column in this table headed "Reasons for Difference." Reasons are summarized on each program-specific line of the table.
- b. Estimates of program and portfolio impacts incorporating the impacts of free ridership and spillover are shown on the tab named "Table 645 with FRSO" in the workbook provided on CD in response to part a, above.
- c. Versions of Tables 648 and 649, reflecting the impact of free ridership and spillover, are presented in the tabs named, respectively, "Table 648 with FRSO" and "Table 649 with FRSO" in the workbook provided on CD in response to part a, above.
- d. On February 6, 2013, a webinar was hosted by NorthWestern Energy for the purpose of familiarizing MPSC staff and representatives of intervening parties with the organization of this spreadsheet workbook. Michael Baker and Faith DeBolt of SBW, Inc. provided a detailed explanation of how the workbook was developed and organized and provided instruction on how to navigate among workbook tabs and locate and understand the various tables and data.

During this session, SBW explained that the spreadsheet workbook uses data sets from a separate Microsoft Access database file and that Visual Basic programming instructions, when executed, created temporary links between the spreadsheet workbook and the Access database. This temporary linking allowed the spreadsheet workbook to import the necessary data and populate various spreadsheet tables. This processing approach allows use of the database capabilities needed to handle the large data volume and provides the spreadsheet capabilities for organizing, calculating and presenting numbers. It also helps decrease the overall processing time required.

Therefore, it is not possible to provide a set of files with all links intact. Running the entire process from start to finish requires a computer set-up with appropriate software and a qualified analyst from SBW to operate the data processing instructions. NorthWestern could arrange another demonstration session upon request and did provide as intact a version of this workbook as is technically feasible – in both calendar and tracker period format – in its original response to this subpart on February 8.

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

**Montana Public Service Commission (PSC)**  
**Set 4 (033)**

Data Requests received January 31, 2013

PSC-033 cont'd

- e. To assist SBW with its work, NorthWestern initially provided SBW with a set of printed materials contained in 26 three-ring binders. Through the course of the work at SBW's direction and request, NorthWestern provided a steady flow of electronic information that accumulated to a significant volume. File information on the many DSM and USB projects and activities is maintained in NorthWestern's offices. This file information was sampled by SBW during the course of the project. This information is quite voluminous and is available for inspection upon request at NorthWestern's offices at 40 East Broadway, Butte MT.

Other resources used in the work are cited in the many footnotes in the Final Report, in particular in Volume 1, Chapter 34, Sources Cited on page 948.

Resources used for this project also include the knowledge and experience of numerous staff at NorthWestern, SBW, Research Into Action, Inc., and subcontractors. This knowledge was developed over many years of work, built upon and resulting from countless projects, analyses, meetings, research, writings, state/federal legislative actions and statutes, regulatory proceedings and guidelines, and monitoring/review of the efforts, trials, failures, successes, and results of utility DSM programs throughout the United States over the course of 30 years or more. NorthWestern believes it is neither feasible nor possible to compile all such resources.