

DEPARTMENT OF PUBLIC SERVICE REGULATION
BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MONTANA

IN THE MATTER OF NorthWestern Energy's
2012-2013 Electricity Supply Tracker

REGULATORY DIVISION

Docket Nos. D2013.5.33, D2014.5.46

IN THE MATTER OF NorthWestern Energy's
2013-2014 Electricity Supply Tracker

**DATA REQUESTS MEIC-060 THROUGH MEIC-068
OF MONTANA ENVIRONMENTAL INFORMATION CENTER AND SIERRA CLUB
TO NORTHWESTERN ENERGY**

Montana Environmental Information Center and Sierra Club, by and through their legal counsel, hereby submit their data requests 060 through 068 to NorthWestern Energy. Within fourteen (14) days, please forward responses to the data requests below to the undersigned counsel.

GENERAL INSTRUCTIONS

- 1) **Definitions:** For the purposes of these data requests, the following definitions shall apply:
 - a) The term "NorthWestern Energy" means NorthWestern Energy, its parent company or companies, and any and all affiliates and/or subsidiaries, successors, predecessors, agents, consultants, and witnesses in this proceeding, and any and all of their affiliates, subsidiaries, or predecessors.
 - b) The term "Company" means and includes NorthWestern Energy, its parent company or companies and any and all affiliates and/or subsidiaries, successors, predecessors, agents, consultants, and witnesses in this proceeding, and any and all of their affiliates, subsidiaries, or predecessors.
 - c) "Unit 4" means Colstrip Unit 4.
 - d) "The outage," "the Colstrip Unit 4 outage," and "the extended outage" refer to the outage at Colstrip Unit 4 that occurred between July 1, 2013 and January 23, 2014.

- e) “Document” means all written, recorded or graphic matters, however produced or reproduced, pertaining in any manner to the subject of this proceeding, whether or not now in existence, without limiting the generality of the foregoing, all originals, copies and drafts of all writings, correspondence, telegrams, notes or sound recordings of any type of personal or telephone communication, or of meetings or conferences, minutes of directors or committee meetings, memoranda, inter-office communications, studies, analyses, reports, results of investigations, reviews, contracts, agreements, working papers, statistical records, ledgers, books of account, vouchers, bank checks, x-ray prints, photographs, films, videotapes, invoices, receipts, computer printouts or other products of computers, computer files, stenographer’s notebooks, desk calendars, appointment books, diaries, or other papers or objects similar to any of the foregoing, however denominated. If a document has been prepared in several copies, or additional copies have been made, and the copies are not identical (or which, by reasons of subsequent modification of a copy by the addition of notations, or other modifications, are no longer identical) each non-identical copy is a separate “document.”
- f) “And” or “or” shall be construed conjunctively or disjunctively as necessary to make the requests inclusive rather than exclusive.
- g) The term “you” and “your” refer to “NorthWestern Energy.”
- h) The term “person” means any natural person, corporation, corporate division, partnership, limited liability company, other unincorporated association, trust, government agency, or entity.
- i) The term “regarding” means consisting of, containing, mentioning, suggesting, reflecting, concerning, regarding, summarizing, analyzing, discussing, involving, dealing with, emanating from, directed at, pertaining to in any way, or in any way logically or factually connected or associated with the matter discussed.
- j) The singular as used herein shall include the plural and the masculine gender shall include the feminine and the neuter.
- k) “Identify” or “identifying” or “identification” when used in reference to a person that is a natural person means to state: the full name of the person and any names under which he conducts business; the current employer of the person, the person’s job title and classification, the present or last known work address of the person; and, the present or last known telephone number of the person.
- l) “Identify” or “identifying” or “identification” when used in reference to a document means to provide with respect to each document requested to be identified by these discovery requests a description of the document that is sufficient for purposes of a request to produce or a subpoena duces tecum, including the following:
 - (a) the type of document (e.g., letter, memorandum, etc.);

- (b) the date of the document;
 - (c) the title or label of the document;
 - (d) the Bates stamp number or other identifier used to number the document for use in litigation;
 - (e) the identity of the originator;
 - (f) the identity of each person to whom it was sent;
 - (g) the identity of each person to whom a copy or copies were sent;
 - (h) a summary of the contents of the document;
 - (i) the name and last known address of each person who presently has possession, custody or control of the document; and,
 - (j) if any such document was, but is no longer, in your possession, custody or control or is no longer in existence, state whether it: (1) is missing or lost; (2) has been destroyed; or (3) has been transferred voluntarily or involuntarily, and if so, state the circumstances surrounding the authorization for each such disposition and the date of such disposition.
- m) “Identify” or “identifying” or “identification” when used in reference to communications means to state the date of the communication, whether the communication was written or oral, the identity of all parties and witnesses to the communication, the substance of what was said and/or transpired and, if written, identify the document(s) containing or referring to the communication.
 - n) “Current” when used in reference to time means in the present time of this data request.
 - o) “Customer” means a person who buys retail electricity on a regular and ongoing basis.
 - p) “Workpapers” are defined as original, electronic, machine-readable, unlocked, Excel format (where possible) with formulas in-tact.

2) OTHER INSTRUCTIONS

- a) Please provide responses with fourteen (14) days of the date of these requests.
- b) Responses are to be provided in electronic format (e.g., text documents should be in the original word processor file format or PDF, data files should be in Excel).
- c) If you contend that any response to any data request may be withheld under the attorney-client privilege, the attorney work product doctrine or any other privilege or basis, please state the following with respect to each such response in order to

explain the basis for the claim of privilege and to permit adjudication of the propriety of that claim:

- (a) The privilege asserted and its basis;
 - (b) The nature of the information withheld; and,
 - (c) The subject matter of the document, except to the extent that you claim it is privileged.
- d) For any document or set of documents NorthWestern Energy objects to providing on the grounds it is burdensome or voluminous, please identify the specific document.
 - e) These data requests are to be answered with reference to all information in your possession, custody or control or reasonably available to you. These data requests are intended to include requests for information, which is physically within your possession, custody or control as well as in the possession, custody or control of your agents, attorneys, or other third parties from which such documents may be obtained.
 - f) If any data request cannot be responded to or answered in full, answer to the extent possible and specify the reasons for your inability to answer fully.
 - g) These data requests are continuing in nature and require supplemental responses should information unknown to you at the time you serve your responses to these data requests subsequently become known.
 - h) For each response, identify all persons (see instruction 1(j)) that were involved in the preparation of the answers to the interrogatories below and/or are responsible for compiling and providing the information contained in each answer.
 - i) Identify which witness(es) at the hearing(s) is competent to adopt and/or discuss the response.
 - j) Please produce the requested documents in electronic format to the following individuals:

Jenny Harbine
Earthjustice
313 E. Main St.
Bozeman, MT 59715
jharbine@earthjustice.org

Matthew Gerhart
Earthjustice
1625 Massachusetts Ave. NW
Suite 702

Washington, DC 20036
mgerhart@earthjustice.org

David A. Schlissel
Schlissel Technical Consulting
45 Horace Road
Belmont, MA 02478
david@schlissel-technical.com

- k) Wherever the response to an interrogatory or request consists of a statement that the requested information is already available to MEIC and Sierra Club, provide a detailed citation to the document that contains the information. This citation shall include the title of the document, relevant page number(s), and to the extent possible paragraph number(s) and/or chart/table/figure number(s).
- l) In the event that any document referred to in response to any request for information has been destroyed, specify the date and the manner of such destruction, the reason for such destruction, the person authorizing the destruction and the custodian of the document at the time of its destruction.
- m) MEIC and Sierra Club reserve the right to serve supplemental, revised, or additional discovery requests as permitted in this proceeding.

Data Requests MEIC-060-068

MEIC-060 Subject: 2013 Unit 4 Generator Overhaul & 2013-2014 Unit 4 Extended Outage

Please refer to NorthWestern's response to MEIC-45(a), (d).

- a. Please confirm that NorthWestern believes that there were three basic events that, in combination, contributed to the 2013-2014 Colstrip Unit 4 outage: (1) the May/June 2013 unit overhaul, which led to (2) shorting, which (3) led to damage to the generator as a result of inadequate interlaminar insulation.
- b. Does NorthWestern believe that any of the work performed on the generator during the May/June 2013 Unit 4 overhaul was done improperly or negligently? If the answer is no, please explain the basis for this belief.
- c. Does NorthWestern believe that all of the work performed on the generator during the May/June 2013 Unit 4 overhaul was done in accordance with industry standards? If not, please explain.

- d. Does NorthWestern believe that all of the work performed on the generator during the May/June 2013 Unit 4 overhaul was done in accordance with generally accepted industry procedures for overhauling, maintaining, and inspecting the equipment? If not, please explain.
- e. Please produce all documents in NorthWestern's possession, including but not limited to all internal and external communications, concerning whether the 2013-2014 Colstrip Unit 4 outage was caused in whole or in part by work performed on the generator during the May/June 2013 Unit 4 overhaul.

MEIC-061 Subject: 2013 Unit 4 Overhaul & 2013-2014 Extended Outage

Please refer to NorthWestern's response to MEIC-45(a), (d).

- a. Does NorthWestern know whether PPL, as the operator of Unit 4, believes that any of the work performed on the generator during the May/June 2013 Unit 4 overhaul was done improperly or negligently? If yes, please explain.
- b. Does NorthWestern know whether PPL, as the operator of Unit 4, believes that all of the work performed on the generator during the May/June 2013 Unit 4 overhaul was done in accordance with industry standards? If yes, please explain.
- c. To the extent not already produced, please provide all documents in NorthWestern's possession in which PPL discusses or questions the cause(s) of the 2013-2014 Colstrip Unit 4 outage.

MEIC-062 Subject: Statement Regarding Response to Unit 4 Outage & Response to MEIC-46(b)

Please refer to NorthWestern's response to MEIC-46(b).

- a. During or after the extended outage at Unit 4 in 2013-2014, did PPL change its procedures associated with a rotor-out inspection of a generator during an overhaul?
- b. Please provide copies of the procedures for the rotor-out inspection of a generator that were in effect at Colstrip Units 3 and 4 at the time the 2013 overhaul was conducted.
- c. Please provide copies of any revision(s) made to the procedures for the rotor-out inspection of a generator at Colstrip Units 3 and 4 since the start of the 2013 overhaul.

- d. Provide copies of all reports of each of the inspections of the interlaminar insulation in the Colstrip Unit 4 generator that were conducted between the start of the May/June 2013 Unit 4 overhaul and the conclusion of the 2013-2014 Colstrip Unit 4 outage.
- e. If PPL and its contractors had different procedures in place at Unit 4 prior to the 2013-2014 Colstrip Unit 4 outage regarding rotor-out inspection of a generator during an overhaul, would it have been possible to detect the inadequate interlaminar insulation or any other items that contributed to the extended outage?

MEIC-063 Subject: Colstrip Unit 4 Interlaminar Insulation

Unless provided in response to any other request, please provide copies of each procedure for the inspection of the generator interlaminar insulation, and any revisions thereto, that have been in effect at Colstrip Unit 4 since January 1, 2013.

MEIC-064 Subject: 2013 Colstrip Unit 4 Overhaul and Interlaminar Insulation

- a. Please name all of the contractor and subcontractor firms that worked on the May/June 2013 Unit 4 overhaul.
- b. Please name each of the contractor and subcontractor firms that were responsible for the installation of the interlaminar insulation during the May/June 2013 Unit 4 overhaul.
- c. Provide copies of any assessments of the work performed by any contractor or subcontractor firms during the May/June 2013 Unit 4 overhaul that were prepared by or for NorthWestern or that are in NorthWestern's possession.

MEIC-065 Subject: Colstrip Unit 4 Generator Interlaminar Insulation

- a. Did NorthWestern, PPL, or any contractors or subcontractors identify any problems with the adequacy of the interlaminar insulation in the Colstrip Unit 3 or Unit 4 generators at any time prior to the start of the May/June 2013 Unit 4 overhaul?
- b. If the answer to part (a) is yes, please identify each such instance and provide the documents in which the inadequacy was reported to plant or company management.

MEIC-066 Subject: Prior Problems with Generator Interlaminar Insulation

- a. Is NorthWestern aware whether there have been instances in which the interlaminar insulation in other generators provided by Siemens has been found to be inadequate?
- b. If the answer to part a. is yes, please provide any documentation which made NorthWestern aware of each such instance.

MEIC-067 Subject: Recovery of Unit 4 Outage Costs

- a. Has NorthWestern or any other owner of Unit 4 attempted to recover from Siemens or any other contractor or subcontractor firm that worked on the May/June 2013 Unit 4 overhaul any of the outage-related costs that it is seeking to recover in this proceeding?
- b. If the answer to part (a) is no, please explain in detail why not.
- c. If the answer to part (a) is yes, please provide copies of all correspondence between NorthWestern and Siemens or any other contractor or subcontractor firm related to the attempted recovery of such outage-related costs.

MEIC-068 Subject: Response to MEIC 48(b)

Please provide copies of any correspondence and communications between PPL and any Colstrip Unit 4 co-owner concerning the work of the independent consultant identified in the response to MEIC-48(b).

CERTIFICATE OF SERVICE

I hereby certify that on this 27th day of March, 2015, I served the foregoing "Data Requests MEIC-060 through MEIC-068" by first-class mail, postage prepaid, to the following:

Kate Whitney
Administrator
Public Service Commission
1701 Prospect Ave.
Helena, MT 59620-2601
(via Federal Express)

Robert Nelson
Monica J. Tranel
Montana Consumer Counsel
P.O. Box 201703
Helena, MT 59620-1703

Sarah Norcott
Al Brogan
John Alke
NorthWestern Energy
208 North Montana, Suite 205
Helena, MT 59601

Charles Magraw
501 8th Ave
Helena, MT 59601

Joe Schwartzenberger
NorthWestern Energy
40 East Broadway
Butte, MT 59701

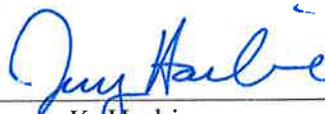
Dr. Thomas Power
920 Evans Ave
Missoula, MT 59801

Tracy Lowney Killoy
NorthWestern Energy
40 East Broadway
Butte, MT 59701

John W. Wilson
J W Wilson & Associates
1601 N. Kent, Suite 1104
Arlington, VA 22209

William W. Mercer
Holland & Hart
401 North 31st Street, Suite 1500
P.O. Box 639
Billings, MT 59103-0639

Michael Green
Wiley Barker
Crowley Fleck PLLP
900 N. Last Chance Gulch, Suite 200
Helena, MT 59601



Jenny K. Harbine