NorthWestern Energy
Delivering a Bright Future

November 7, 2014

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

Re: Docket Nos. D2013.5.33/D2014.5.46 Electric Tracker MCC Set 1 (001-112) Data Requests

Dear Ms. Whitney:

Enclosed for filing is a copy of the majority of NorthWestern Energy's responses to MCC Set 1 (001-112) Data Requests. The responses will be hand delivered to the Montana Public Service Commission and the Montana Consumer Counsel this date. The responses will be mailed to the service list in this docket, e-filed with the PSC, and emailed to counsel of record.

Per Procedural Order No. 7283b, Paragraph 8, parties have 21 days to respond to "data requests that request voluminous production of documents." The following data requests meet this criterion and will be provided on November 14, 2014: MCC-015, MCC-016, MCC-017, MCC-018, MCC-020, MCC-038, MCC-039, MCC-040, MCC-047, MCC-050, MCC-077, MCC-079, MCC-081, MCC-085, and MCC-108.

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

Sincerely,

Tracy Lowney Killoy

Tracy Lowney Killoy
Administrative Assistant

CERTIFICATE OF SERVICE

I hereby certify that a copy of the majority NorthWestern Energy's responses to MCC Set 1 (001-112) Data Requests in Docket Nos. D2013.5.33/D2014.5.46 have been hand delivered to the Montana Public Service Commission and to the Montana Consumer Counsel this date. They will be e-filed on the PSC website, e-mailed to counsel of record, and served on the most recent service list by mailing a copy thereof by first class mail, postage prepaid.

Per Procedural Order No. 7283b, Paragraph 8, parties have 21 days to respond to "data requests that request voluminous production of documents." The following data requests meet this criterion and will be provided on November 14, 2014: MCC-015, MCC-016, MCC-017, MCC-018, MCC-020, MCC-038, MCC-039, MCC-040, MCC-047, MCC-050, MCC-077, MCC-079, MCC-081, MCC-085, and MCC-108.

Date: November 7, 2014

Tracy Lowney Killoy

Tracy Lowney Killoy
Administrative Assistant
Regulatory Affairs

Docket No. D2013.5.33/ D2014.5.46
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NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-001 Regarding: 2012/2013 Tracker Period Activities
Witness: David Fine

In reference to your 2013 testimony filed in this docket at pages KJM-6 and KJM-7, you mention an RFP for Community Renewable Energy Projects ("CREP") that was issued during the 2012/2013 tracker period and any updates thereto. Please provide copies of the RFP and copies of all responses, including bids received. If bids cannot be provided, please explain why they cannot be provided and provide details about supplier names, products and terms of the received bids, as wells as the current stage of the evaluation process.

RESPONSE (February 7, 2014):

Please see the response to Data Request PSC-001 in Docket No. D2013.10.77 for the responses received and see Exhibit__(SEL-2) in that same docket for the CREP RFP.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-002 Regarding: Renewable Portfolio Standard
Witness: David Fine

In reference to your 2013 testimony filed in this docket, please provide a list of all the eligible CREP contracts NWE has entered into since 2011, including the capacity, terms and supplier for each of the contracts.

RESPONSE (November 7, 2014):

The following CREP-eligible projects were placed under contract with NorthWestern since 2011 and have entered commercial service:

1. Flint Creek – 2MW, 25 year purchase power agreement with Flint Creek Hydroelectric, LLC (January 2012)

2. Lower South Fork – 0.455MW, 25 year purchase power agreement with Lower South Fork, LLC (January 2012)

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-003 Regarding: NWE's Supply Portfolio
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket at page KJM-11, lines 9-13 you state that favorable market conditions have resulted in attractive pricing for short-term purchases. Would the current market conditions also be favorable to long term purchases or for 5-7 year purchase contracts? If not, please explain your answer fully.

RESPONSE (November 7, 2014):

The testimony cited was in reference to hourly, day-ahead, and short-term markets, i.e. monthly and quarterly. Market fundamentals used to value long-term purchases of five to seven years incorporate additional risks and opportunities beyond those used for short-term markets so the relationship may or may not be valid.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-004 Regarding: NWE's Supply Portfolio
Witness: Kevin J. Markovich

Please provide a list of all off-system fixed price purchases NWE made during the last four tracker periods (2010/11, 2011/12, 2012/13 and 2013/2014), stating the name of the supplier, the month(s) of the purchases, monthly quantities in MWhs, average price paid each month, and period of the contract.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

Attached are the off-system fixed price purchases during the tracker years covered in this docket.

MCC-004

Counterparty	Counterparty Full Name	Start Date	End Date	Year	Month	On Peak MWh	Off Peak MWh	On Peak Price	Off Peak Price
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	July	10,000	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	July	10,000	0	$ 49.15	N/A
BPAP-E	Bonneville Power Adm.	7/1/2012	7/31/2012	2012	July	20,000	0	$ 24.00	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	July	10,000	0	$ 36.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	July	10,000	8,600	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	7/1/2012	7/31/2012	2012	July	10,000	0	$ 23.00	N/A
CRGL-E	Cargill Power Markets, LLC	7/1/2012	7/31/2012	2012	July	20,000	0	$ 27.00	N/A
CRGL-E	Cargill Power Markets, LLC	7/1/2012	7/31/2012	2012	July	20,000	0	$ 26.00	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	August	10,800	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	August	10,800	0	$ 49.15	N/A
BPAP-E	Bonneville Power Adm.	8/1/2012	8/31/2012	2012	August	10,764	0	$ 26.00	N/A
BPAP-E	Bonneville Power Adm.	8/1/2012	8/31/2012	2012	August	10,800	0	$ 26.25	N/A
BPAP-E	Bonneville Power Adm.	8/1/2012	8/31/2012	2012	August	10,800	0	$ 26.00	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	August	10,800	0	$ 36.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	August	10,800	7,800	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	8/1/2012	8/31/2012	2012	August	21,600	0	$ 27.00	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	September	9,600	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	September	9,600	0	$ 49.15	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	September	9,600	0	$ 36.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	September	9,600	8,400	$ 62.40	$ 62.40
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	October	10,800	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	October	10,800	0	$ 49.15	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	October	10,800	0	$ 36.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	October	10,800	7,800	$ 62.40	$ 62.40
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	November	10,000	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	November	10,000	0	$ 49.15	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	November	10,000	0	$ 36.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	November	10,000	8,025	$ 62.40	$ 62.40
BARC-E	Barclays Bank PLC - Electric	1/1/2012	12/31/2012	2012	December	10,000	0	$ 35.10	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2012	December	10,000	0	$ 49.15	N/A
BPEC-E	BP Energy Company	1/1/2012	12/31/2012	2012	December	10,000	0	$ 36.75	N/A
BPEC-E	BP Energy Company	12/1/2012	12/31/2012	2012	December	10,000	0	$ 35.20	N/A
BPEC-E	BP Energy Company	12/1/2012	12/31/2012	2012	December	10,000	0	$ 36.85	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2012	December	10,000	8,600	$ 62.40	$ 62.40
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	January	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	January	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	January	10,400	8,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	January	0	8,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	January	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	January	0	16,400	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	January	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	January	0	8,200	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	February	9,600	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	February	9,600	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	February	9,600	7,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	February	0	7,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	February	19,198	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	February	0	14,400	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	February	9,600	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	February	0	7,200	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	March	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	March	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	March	10,400	8,175	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	March	0	8,175	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	March	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	March	0	16,350	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	March	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	March	0	8,175	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	April	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	April	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	April	10,400	7,600	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	April	0	7,600	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	April	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	April	0	15,200	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	April	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	April	0	7,600	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	May	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	May	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	May	10,400	8,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	May	0	8,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	May	20,678	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	May	0	16,378	N/A	$ 30.03

MCC-004

Counterparty	Counterparty Full Name	Start Date	End Date	Year	Month	On Peak MWh	Off Peak MWh	On Peak Price	Off Peak Price
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	May	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	May	0	8,200	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	June	10,000	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	June	10,000	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	June	10,000	8,000	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	June	0	8,000	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	June	20,000	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	June	0	15,992	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	June	10,000	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	June	0	8,000	N/A	$ 30.50
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	July	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	July	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	July	10,400	8,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	July	0	8,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	July	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	July	0	16,400	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	July	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	July	0	8,200	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	July	10,400	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	August	10,800	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	August	10,800	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	August	10,800	7,800	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	August	0	7,800	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	August	21,600	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	August	0	15,600	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	August	10,800	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	August	0	7,800	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	August	10,800	0	$ 61.75	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	8/1/2013	8/31/2013	2013	August	10,800	0	$ 43.00	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	September	9,600	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	September	9,600	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	September	9,600	8,400	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	September	0	8,400	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	September	19,200	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	September	0	16,787	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	September	9,600	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	September	0	8,400	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	September	9,600	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	October	10,800	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	October	10,800	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	October	10,800	7,800	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	October	0	7,800	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	October	21,600	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	October	0	15,600	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	October	10,800	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	October	0	7,800	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	October	10,800	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	November	10,000	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	November	10,000	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	November	10,000	8,025	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	November	0	8,025	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	November	20,000	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	November	0	16,047	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	November	10,000	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	November	0	8,025	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	November	10,000	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2013	December	10,000	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2013	December	10,000	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2013	December	10,000	8,600	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2013	December	0	8,600	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	December	20,000	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2013	December	0	17,200	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2013	December	10,000	0	$ 41.00	N/A
EXGN - E	Exelon Generation Company, LLC	12/1/2013	12/31/2013	2013	December	10,000	0	$ 39.50	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2013	December	0	8,600	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2013	December	10,000	0	$ 61.75	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	12/1/2013	12/31/2013	2013	December	10,000	0	$ 39.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	January	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	January	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	January	10,400	8,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	January	0	8,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	January	20,800	0	$ 40.85	N/A

MCC-004

Counterparty	Counterparty Full Name	Start Date	End Date	Year	Month	On Peak MWh	Off Peak MWh	On Peak Price	Off Peak Price
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	January	0	16,400	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	January	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	January	0	8,200	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	January	10,400	0	$ 61.75	N/A
PWX-E	Powerex	1/1/2014	1/31/2014	2014	January	10,400	0	$ 42.25	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	February	9,600	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	February	9,600	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	February	9,600	7,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	February	0	7,200	N/A	$ 30.30
CORP-E	Shell Energy North America (US), L.P.	2/24/2014	2/24/2014	2014	February	0	227	N/A	$ 71.10
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	February	19,200	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	February	0	14,350	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	February	9,600	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	February	0	7,200	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	February	9,600	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	March	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	March	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	March	10,400	8,175	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	March	0	8,175	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	March	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	March	0	16,349	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	March	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	March	0	8,175	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	March	10,400	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	April	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	April	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	April	10,400	7,600	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	April	0	7,600	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	April	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	April	0	15,182	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	April	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	April	0	7,600	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	April	10,400	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	May	10,400	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	May	10,400	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	May	10,400	8,200	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	May	0	8,200	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	May	20,800	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	May	0	15,549	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	May	10,400	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	May	0	8,200	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	May	10,400	0	$ 61.75	N/A
BARC-E	Barclays Bank PLC - Electric	7/1/2012	6/30/2017	2014	June	10,000	0	$ 49.15	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2014	2014	June	10,000	0	$ 40.75	N/A
CEI-E	Citigroup Energy Inc.	7/1/2010	6/30/2020	2014	June	10,000	8,000	$ 62.40	$ 62.40
CEI-E	Citigroup Energy Inc.	1/1/2013	12/31/2014	2014	June	0	8,000	N/A	$ 30.30
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	June	20,000	0	$ 40.85	N/A
CRGL-E	Cargill Power Markets, LLC	1/1/2013	12/31/2014	2014	June	0	16,000	N/A	$ 30.00
DBET-E	DB Energy Trading - Electric	1/1/2013	12/31/2014	2014	June	10,000	0	$ 41.00	N/A
MLCI-E	Merrill Lynch Commodities, Inc	1/1/2013	12/31/2014	2014	June	0	8,000	N/A	$ 30.50
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2013	6/30/2017	2014	June	10,000	0	$ 61.75	N/A

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-005 Regarding: NWE's Supply Portfolio
Witness: Kevin J. Markovich

For each purchase identified and included in your response to MCC-4 above, please provide a list of all related off-system sales at market prices NWE made during the last four tracker periods (2010/11, 2011/12, 2012/13 and 2013/2014), stating the name of the purchaser, the month(s) of the sales, monthly quantities in MWhs, average market price(s) received each month, and period of the contract.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

Attached are the off-system sales at market prices during the tracker years covered in this docket. There were no fixed price sales at Mid-C.

MCC-005

Counterparty	Counterparty Full Name	Start Date	End Date	Year	Month	On Peak MWh	Off Peak MWh	On Peak Price	Off Peak Price
BARC-E	Barclays Bank PLC - Electric	7/1/2012	7/31/2012	2012	July	-50,000	0	$ 22.18	N/A
CRGL-E	Cargill Power Markets, LLC	7/1/2012	7/31/2012	2012	July	-40,000	0	$ 22.18	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	July	-10,000	0	$ 22.28	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	July	-10,000	-8,600	$ 19.28	$ (1.61)
AVWP-E	Avista Corp WWP	8/1/2012	8/31/2012	2012	August	-10,800	0	$ 30.96	N/A
BARC-E	Barclays Bank PLC - Electric	8/1/2012	8/31/2012	2012	August	-43,200	0	$ 30.93	N/A
CRGL-E	Cargill Power Markets, LLC	8/1/2012	8/31/2012	2012	August	-21,600	0	$ 30.96	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	August	-10,800	0	$ 31.01	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	August	-10,800	-7,800	$ 28.01	$ 13.76
AVWP-E	Avista Corp WWP	9/1/2012	9/30/2012	2012	September	-19,200	0	$ 25.66	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	September	-9,600	0	$ 25.71	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	September	-9,600	-8,400	$ 22.71	$ 20.19
AVWP-E	Avista Corp WWP	10/1/2012	10/31/2012	2012	October	-21,600	0	$ 32.47	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	October	-10,800	0	$ 32.52	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	October	-10,800	-7,800	$ 29.52	$ 24.60
BPEC-E	BP Energy Company	11/1/2012	11/30/2012	2012	November	-20,000	0	$ 28.90	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	November	-10,000	0	$ 28.90	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	November	-10,000	-8,025	$ 25.92	$ 23.52
CRGL-E	Cargill Power Markets, LLC	12/1/2012	12/31/2012	2012	December	-10,000	0	$ 26.16	N/A
EAGL-E	EDF Trading North America, LLC	12/1/2012	12/31/2012	2012	December	-30,000	0	$ 26.21	N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2012	December	-10,000	0	$ 26.21	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2012	December	-10,000	-8,600	$ 23.24	$ 18.93
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	January	-20,800	0	$ 28.96	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	January	0	-16,400	N/A	$ 25.67
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	January	-20,800	0	$ 28.96	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	January	0	-16,400	N/A	$ 25.67
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	January	-10,400	0	$ 28.96	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	January	-10,400	-8,200	$ 25.96	$ 22.35
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	February	-19,200	0	$ 28.82	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	February	0	-14,400	N/A	$ 28.06
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	February	-19,200	0	$ 28.82	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	February	0	-14,400	N/A	$ 28.06
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	February	-9,600	0	$ 28.82	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	February	-9,600	-7,200	$ 25.82	$ 24.91
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	March	-20,800	0	$ 32.56	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	March	0	-16,350	N/A	$ 30.42
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	March	-20,800	0	$ 32.56	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	March	0	-16,350	N/A	$ 30.42
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	March	-10,400	0	$ 32.56	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	March	-10,400	-8,175	$ 29.56	$ 27.33
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	April	-20,800	0	$ 31.07	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	April	0	-15,200	N/A	$ 19.32
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	April	-20,800	0	$ 31.07	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	April	0	-15,200	N/A	$ 19.32
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	April	-10,400	0	$ 31.07	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	April	-10,400	-7,600	$ 28.07	$ 15.53
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	May	-20,800	0	$ 34.00	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	May	0	-16,400	N/A	$ 13.26
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	May	-20,800	0	$ 34.00	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	May	0	-16,400	N/A	$ 13.26
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	May	-10,400	0	$ 34.00	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	May	-10,400	-8,200	$ 31.00	$ 9.17
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	June	-20,000	0	$ 33.70	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	June	0	-15,992	N/A	$ 21.40
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	June	-20,000	0	$ 33.70	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	June	0	-16,000	N/A	$ 21.40
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	June	-10,000	0	$ 33.70	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	June	-10,000	-8,000	$ 30.70	$ 17.42
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	July	-20,800	0	$ 45.39	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	July	0	-16,400	N/A	$ 20.98
BPEC-E	BP Energy Company	7/1/2013	7/31/2013	2013	July	-10,400	0	$ 45.29	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	July	-20,800	0	$ 45.39	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	July	0	-16,400	N/A	$ 20.98
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	July	-10,400	0	$ 45.39	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	July	-10,400	-8,200	$ 42.17	$ 17.79
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	August	-21,600	0	$ 39.03	N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	August	0	-15,600	N/A	$ 26.26
BPEC-E	BP Energy Company	8/1/2013	8/31/2013	2013	August	-21,600	0	$ 38.98	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	August	-21,600	0	$ 39.03	N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	August	0	-15,600	N/A	$ 26.26
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	August	-10,800	0	$ 39.03	N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	August	-10,800	-7,800	$ 36.03	$ 22.78

BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	September	-19,200	0	$	38.01		N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	September	0	-16,800		N/A	$	30.21
BPEC-E	BP Energy Company	9/1/2013	9/30/2013	2013	September	-9,600	0	$	38.01		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	September	-19,200	0	$	38.01		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	September	0	-16,787		N/A	$	30.21
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	September	-9,600	0	$	38.01		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	September	-9,600	-8,400	$	35.01	$	26.36
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	October	-21,600	0	$	36.82		N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	October	0	-15,600		N/A	$	31.11
BPEC-E	BP Energy Company	10/1/2013	10/31/2013	2013	October	-10,800	0	$	36.77		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	October	-21,600	0	$	36.82		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	October	0	-15,600		N/A	$	31.11
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	October	-10,800	0	$	36.82		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	October	-10,800	-7,800	$	33.82	$	27.64
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	November	-20,000	0	$	37.37		N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	November	0	-16,050		N/A	$	30.66
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	November	-20,000	0	$	37.37		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	November	0	-16,050		N/A	$	30.66
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	November	-10,000	0	$	37.37		N/A
PSEM-E	Puget Sound Energy	11/1/2013	12/31/2013	2013	November	-10,000	0	$	37.39		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	November	-10,000	-8,025	$	34.37	$	27.29
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	December	-20,000	0	$	56.09		N/A
BARC-E	Barclays Bank PLC - Electric	1/1/2013	12/31/2013	2013	December	0	-17,200		N/A	$	44.85
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	December	-20,000	0	$	56.09		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2013	12/31/2013	2013	December	0	-17,200		N/A	$	44.85
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2013	December	-10,000	0	$	56.09		N/A
PGEM-E	Portland General Electric Company	12/1/2013	12/31/2013	2013	December	-20,000	0	$	56.09		N/A
PSEM-E	Puget Sound Energy	11/1/2013	12/31/2013	2013	December	-10,000	0	$	56.11		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2013	December	-10,000	-8,600	$	52.78	$	40.95
BPEC-E	BP Energy Company	1/1/2014	1/31/2014	2014	January	-20,800	0	$	40.98		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	January	0	-32,800		N/A	$	39.34
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	January	-10,400	0	$	40.98		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	January	-10,400	-8,200	$	37.98	$	35.85
BPEC-E	BP Energy Company	2/1/2014	2/28/2014	2014	February	-9,600	0	$	73.63		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	February	-38,400	0	$	73.63		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	February	0	-28,523		N/A	$	62.20
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	February	-9,600	0	$	73.63		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	February	-9,600	-7,200	$	70.63	$	60.96
BPEC-E	BP Energy Company	3/1/2014	3/31/2014	2014	March	-10,400	0	$	31.76		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	March	-41,600	0	$	31.76		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	March	0	-32,700		N/A	$	18.75
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	March	-10,400	0	$	31.76		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	March	-10,400	-8,175	$	28.76	$	14.70
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	April	-41,600	0	$	30.99		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	April	0	-30,400		N/A	$	17.34
CRGL-E	Cargill Power Markets, LLC	4/1/2014	4/30/2014	2014	April	-10,400	0	$	30.99		N/A
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	April	-10,400	0	$	30.99		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	April	-10,400	-7,600	$	27.99	$	13.65
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	May	-41,600	0	$	33.84		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	May	0	-32,296		N/A	$	6.12
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	May	-10,400	0	$	33.84		N/A
PGEM-E	Portland General Electric Company	5/1/2014	5/31/2014	2014	May	-10,400	0	$	33.87		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	May	-10,400	-8,200	$	30.84	$	2.76
BPEC-E	BP Energy Company	6/1/2014	6/30/2014	2014	June	-10,000	0	$	34.40		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	June	-40,000	0	$	34.40		N/A
CORP-E	Shell Energy North America (US), L.P.	1/1/2014	12/31/2014	2014	June	0	-32,000		N/A	$	12.43
MSCG-E	Morgan Stanley Capital Group, Inc.	7/1/2012	6/30/2017	2014	June	-10,000	0	$	34.40		N/A
CSEL-E	Credit Suisse Energy, LLC - Electric	7/1/2010	6/30/2015	2014	June	-10,000	-8,000	$	31.40	$	8.03

NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-006 Regarding: NWE's Supply Portfolio
Witness: Kevin J. Markovich

Please provide a list of all off-system fixed price sales NWE made during the last four tracker periods (2010/11, 2011/12, 2012/13 and 2013/2014), stating the name of the purchaser, the month(s) of the sales, monthly quantities in MWhs, average price received each month, and period of the contract.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

The response to Data Request MCC-005 includes all off-system fixed price sales during the tracker periods in this docket.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-007 Regarding: NWE's Supply Portfolio
Witness: Kevin J. Markovich

For each purchase identified and included in your response to MCC-6 above, please provide a list of all related off-system purchases at market prices NWE made during the last four tracker periods (2010/11, 2011/12, 2012/13 and 2013/2014), stating the name of the seller, the month(s) of the purchases, monthly quantities in MWhs, average price paid each month, and period of the contract.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

The response to Data Request MCC-6 does not include any purchases. Regardless, there were no market index price purchases made at Mid-C.

NorthWestern Energy
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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-008 Regarding: PPL-7 Year Contract Expiration
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket at page KJM-13, lines 11-13, you state that market prices are 25-30% lower than those in the current PPL contract. In Mr. Bennett's Exhibit___ (FVB-1)12-13 Updated, he shows that the average PPL price in 2012-13 was $52.67/Mwh. Please provide the basis for your comparison and also indicate whether you are referring to an average of the off-system transaction prices shown in Mr. Bennett's Exhibit___ (FVB-1)12-13 Updated, page 5 of 5. Also, please provide details (e.g., price, quantity, time period, etc.) for those off-system transactions.

RESPONSE (November 7, 2014):

Forward market prices for calendar years 2014–2018 were 25-30% lower in May 2013 than the average PPL seven-year contract price. See attached Tradition broker quotes on May 31, 2013. NorthWestern is relying on the "fair use" exemption of federal copyright law to provide this Attachment for purposes of this docket only. No copies should be made, nor should the parties receiving the information use the copyrighted material for any purposes other than for this docket. This document has not been e-filed on the Commission website.

Because it is copyright-protected, MCC-008 Attachment has not been efiled. Paper copies have been provided under the Fair Use Doctrine for purposes of this docket only.

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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-009 Regarding: PPL-7 Year Contract Expiration
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket at page KJM-14, lines 7-9, you state: "NWE's market knowledge, risk management, and contracting capabilities have expanded, allowing the Company to separate the physical procurement from the hedging aspect." Please provide a detailed explanation of how NWE's market knowledge, risk management and contracting capabilities have expanded and provide specific examples of how each of these changes has permitted the Company to separate physical procurement from hedging.

RESPONSE (November 7, 2014):

In 2001 NorthWestern conducted a Request for Proposals for electric supply in preparation for it becoming the default supplier on July 1, 2002. At that time NorthWestern had limited electric trading, scheduling, and contracting abilities as most people involved with that part of the business had gone to PPL with the electric asset sale. It had no day ahead or hourly scheduling functions, no risk management function, and little back office capabilities. Procuring fixed price energy on-system was most appropriate given NorthWestern's limited capabilities.

In 2006 near the expiration of the first seven-year contract with PPL NorthWestern's market knowledge and skills had improved, but it still had issues. The company had recently emerged from bankruptcy; counterparties had concerns about extending credit; there was still no hourly market function, and the risk management function was just getting under way. Once again, procuring fixed price energy on-system was most appropriate, and NorthWestern entered into a second seven-year contract with PPL.

Since 2006 NorthWestern has improved its front, middle, and back office functions, and it no longer needs to rely on one specific product. NorthWestern has developed and adhered to a formalized hedging strategy that has been recognized by the Commission in prior dockets and resource plans allowing it to hedge prices at the Mid C market and enter into separate physical supply transactions at other delivery points. This, along with the physical resources that have been brought into the supply portfolio, allow NorthWestern to transact with many additional counterparties using many different products.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-010 Regarding: PPL-7 Year Contract Expiration
Witness: Kevin J. Markovich

In reference to the steps NWE has taken in anticipation of the PPL contract expiration, as stated in your 2013 testimony filed in this docket at page KJM-15, please provide a detail update regarding the initiated fixed-price energy purchases at Mid C for Quarter 3 and Quarter 4 2014, including the name of each supplier, purchase price, quantity and time period of each purchase.

RESPONSE (November 7, 2014):

Trade Date	Counterparty	Counterparty Name	MW	Price	Start Date	End Date	Term	Market	Status
5/29/2013	MSCG-E	Morgan Stanley Capital Group, Inc.	25	$41.50	10/1/2014	12/31/2014	6*16	MIDC	CONFIRMED
4/9/2013	MSCG-E	Morgan Stanley Capital Group, Inc.	25	$39.95	10/1/2014	12/31/2014	6*16	MIDC	CONFIRMED
2/21/2013	MSCG-E	Morgan Stanley Capital Group, Inc.	25	$40.00	10/1/2014	12/31/2014	6*16	MIDC	CONFIRMED
2/21/2013	MSCG-E	Morgan Stanley Capital Group, Inc.	25	$40.00	7/1/2014	9/30/2014	6*16	MIDC	CONFIRMED

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-011 Regarding: 2012/2013 Tracker Period Activities
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket, at page KJM-16, lines 1-5, you state that the 2012/2013 tracker period contained no material operation changes or issues that caused supply service to change from the previous tracker period. How would you describe the impact on supply service resulting from the outage of Colstrip Unit 4 for several months? Also, please explain in detail what steps NorthWestern took to minimize the cost to its default supplier ratepayers as a result of this outage.

RESPONSE (November 7, 2014):

The Colstrip 4 generator outage did not occur during the 2012/2013 tracker period and thus it had no effect on supply service during that timeframe.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-012 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Colstrip Unit 4 was reported to be offline for scheduled maintenance during the months of May and June 2013. Please provide a list of all power purchases that were intended to replace power not supplied by Colstrip Unit 4 during the scheduled maintenance, stating name of supplier, amount, period, dates that power was contracted and price.

RESPONSE (November 7, 2014):

May and June are low load periods. NorthWestern made no specific term purchases to replace power not supplied by Colstrip Unit 4 during those months.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-013 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Please specify the amounts of replacement power NWE acquired during each month of the Colstrip Unit 4 scheduled maintenance through term contracts and through spot market purchases, stating for each such purchase the name of the seller, the month of purchase, the MWhs purchased, and the average price paid each month.

RESPONSE (November 7, 2014):

See the response to Data Request MCC-012.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-014 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Please provide all operation logs for Colstrip Unit 4 from the time the scheduled maintenance was completed to the time the Unit was tripped off and became offline.

RESPONSE (November 7, 2014):

NorthWestern is not the operator and is not in possession of any operation logs.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-019 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Please provide a copy of the operation agreement between NorthWestern and PPLM as the operator of CU4.

RESPONSE (November 7, 2014):

See Attachment in the "MCC-019" folder on the attached CD.

NorthWestern Energy
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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-021 Regarding: Colstrip Unit 4 Outage
Witness: N/A

Please describe to NWE's best knowledge what practices other owners of CU4 have followed in order to recover the cost of the outage and provide any correspondence, evaluations performed by others that are in NWE's possession.

RESPONSE (November 7, 2014):

NorthWestern does not possess any evaluations or correspondence regarding what practices other owners of CU4 have followed in order to recover the cost of the outage. Those questions are the subject of the following proceedings in other states:

- Avista Corp. – Idaho Public Utilities Commission, Docket No. AVU-E-14-06
- Avista Corp. – Washington Utilities and Transportation Commission, Docket No. UE-140540
- PacifiCorp – Washington Utilities and Transportation Commission, Docket No. UE-14-0762

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-022 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Out of the 222 MW that Colstrip Unit 4 scheduled to supply default customers, please provide a quantification of the Mwh needed by NWE, on a daily basis for each month of the outage.

RESPONSE (November 7, 2014):

See the response to Data Request MEIC-19 in this docket.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-023 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Please describe all efforts that NorthWestern pursued to acquire the lowest cost replacement power during the time that Colstrip IV would be offline. Please provide detailed descriptions and supporting documents of all efforts NorthWestern undertook to assure that replacement power would be acquired at least cost.

RESPONSE (November 7, 2014):

See the response to Data Request MEIC-5 in this docket.

NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-024 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Please provide a copy of the supply arrangements between NWE and owners of other units at Colstrip that limit the impact of the outage.

RESPONSE (November 7, 2014):

See Attachment 1, the reciprocal sharing agreement, and Attachment 2, a listing of all transactions done with other Colstrip owners during the generator outage.

EXECUTION COPY

MPC/PP&L COLSTRIP UNITS 3&4 GENERATING PROJECT RECIPROCAL SHARING AGREEMENT

This MPC/PP&L COLSTRIP UNITS 3&4 GENERATING PROJECT RECIPROCAL SHARING AGREEMENT (this "Agreement"), is entered into as of December 17th, 1999, by and between PP&L MONTANA, LLC, a Delaware limited liability company ("PP&L Montana"), and THE MONTANA POWER COMPANY, a Montana corporation ("MPC" and, collectively, with the PP&L Montana, the "Parties").

RECITALS:

1. The ownership, operation and maintenance of the Project is governed by that certain Ownership and Operation Agreement, dated as of May 6, 1981 and amended on October 11, 1991 and July 13, 1998, by and between MPC, Puget Sound Energy, Inc. (formerly named "Puget Sound Power & Light Company"), a Washington corporation, Avista Corporation (formerly named "Washington Water Power Company"), a Washington corporation, Portland General Electric Company, an Oregon corporation, and PacifiCorp (successor by merger to the Maine corporation named "Pacific Power & Light Company"), an Oregon corporation (as amended, modified and supplemented from time to time, the "Ownership Agreement"). Unless otherwise defined in this Agreement (including the Recitals), all other capitalized terms used in this Agreement have the meanings assigned to such terms in the Ownership Agreement.

2. MPC holds interests in (a) that certain Power Sales Agreement (as amended, modified and supplemented from time to time, the "PSE PSA"), dated as of October 1, 1989, by and between MPC and Puget, and (b) that certain Power Sales Agreement (as amended, modified and supplemented from time to time, the "LADWP PSA"), dated July 17, 1989, by and between MPC and Department of Water and Power of the City of Los Angeles (the PSE PSA, the LADWP PSA and any of the replacement power purchase agreements which MPC contemplates entering into in its sole discretion to replace the PSE PSA or the LADWP PSA, collectively, the "CS4 PSAs").

3. Colstrip 3 and Colstrip 4 are relied upon by MPC to serve its customers.

4. The contractual provisions of the Ownership Agreement and the CS4 PSAs require the coordinated operation of Colstrip 3 and Colstrip 4. In furtherance of such coordination and cooperation, the Parties are concurrently executing and delivering a Project Committee Vote Sharing Agreement that will govern the voting of their Shared Vote (as defined therein) that relates to their Project Shares in the Project.

5. MPC's Colstrip 4 Project Share (as defined in the Project Committee Vote Sharing Agreement) is subject to (i) the Participation Agreement dated as of December 16, 1985 (including all exhibits to same as actually executed by the parties thereto), by and among

United States Trust Company of New York, a New York corporation ("USTC"), Louis P. Young, an individual ("Young" and together with USTC, "Owner Trustee" or "Lessor"), MPC, Bankers Trust Company (the "Indenture Trustee"), Mellon Leasing Corporation (the "Owner Participant" as assignee and successor to Burnham Leasing Corporation, the original Owner Participant)) and the Loan Participants identified therein and (ii) the Participation Agreement, dated as of December 16, 1985 (including all exhibits to same as actually executed by the parties thereto), by and among the Owner Trustee, MPC, the Indenture Trustee, SGE (New York) Associates (the "Owner Participant") and the Loan Participant identified therein (items (i) and (ii), collectively, and as amended, modified and supplemented from time to time, the "Colstrip 4 Leveraged Lease Documents").

NOW, THEREFORE, in consideration of the foregoing premises, and for other consideration the sufficiency and receipt of which is hereby acknowledged, the Parties agree to the following terms and conditions:

AGREEMENT

Section 1. Effective Date and Term. This Agreement shall become effective as of the date first written above and shall continue in full force and effect until the occurrence of the Lessor Possession Date (under any of the Colstrip 4 Leveraged Lease Documents). Termination of this Agreement shall not affect the Parties' respective rights and obligations under the Ownership Agreement as Project Users with 15% Project Shares.

Section 2. Confirmation and Agreement. Consistent with Section 2(c) of the Ownership Agreement, the Parties hereby confirm and agree as follows:

(a) subject to the provisions of the Ownership Agreement, each Party holds a fifteen percent (15%) Project Share in the Project;

(b) subject to the provisions of this Agreement and the Ownership Agreement, each Party shall be (i) entitled to schedule and take an amount of generation from the Project up to but not to exceed such Parties' respective Project Shares of Net Generating Capability and (ii) obligated to take or otherwise dispose of a percentage of the minimum energy production from the Project in accordance with such Party's Project Share in the Project and Section 13(d) of the Ownership Agreement irrespective of whether a particular cost is specific to Unit 3 or Unit 4; and

(c) except for (i) charges payable by the Parties pursuant to Section 12 of the Ownership Agreement, (ii) coal transportation charges payable by the Parties pursuant to the Coal Transportation Agreement, and (iii) other Costs of Operation the Project Users pay based on each Project User's allocation of generation (e.g., lime and diesel fuel), the Parties shall be responsible for their respective Project Shares of Costs of Operation and Costs of Construction irrespective of whether a particular costs is specific to Unit 3 or Unit 4.

Section 1. Representations and Warranties. Each Party represents and warrants to the other as of the date of this Agreement that:

(a) such Party is duly formed and validly existing under the laws of the jurisdiction of its organization and is duly authorized to do business in each other jurisdiction in which it is required to be so qualified with full power and authority to perform its obligations hereunder and that the execution, delivery and performance of this Agreement has been duly authorized by such Party;

(b) this Agreement has been duly executed and delivered by such Party and constitutes the legal, valid, binding and enforceable agreement of such Party enforceable in accordance with its terms against such Party subject to the effect of bankruptcy, insolvency, moratorium and other similar laws relating to creditors' rights generally, whether existing at law or in equity, by general equitable principles and by an implied covenant of good faith and fair dealing;

(c) no consent, approval or authorization of, or filing, registration or qualification with, any court or governmental authority on the part of such Party is required for the execution and delivery of this Agreement by such Party and the performance of its obligations and duties hereunder, other than those that have been made or obtained; and

(d) such Party is in material compliance with all laws and legal requirements applicable to its business.

Section 1. Assignment; Third Party Beneficiaries. Any transfer or assignment by either Party of any part of its interest under this Agreement to any other Person (an "Assignee") shall be subject to the satisfaction of each of the following conditions: (a) the assigning Party under this Agreement shall be simultaneously transferring or assigning a corresponding portion of its Project Share to such Assignee and (b) such Assignee shall have assumed in writing the corresponding duties and obligations of the assigning Party which arise and are attributable to the period after the effective date of the assignment. Nothing in this Agreement, express or implied, is intended to confer on any person or entity other than the Parties and their successors and assigns permitted hereunder any rights, remedies, obligations or liabilities under or by reason of this Agreement.

Section 2. Governing Law. This agreement shall be governed by and construed in accordance with the laws of the State of Montana without regard to conflicts of laws principles.

Section 3. Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this Agreement, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

Section 4. Notices and Communications.

(a) Unless otherwise specified herein, all notices under this Agreement shall be in writing and shall be (i) delivered personally; (ii) sent by a recognized overnight mail or courier service, with delivery receipt requested; or (iii) sent by facsimile transmission, followed by written confirmation, to the Parties at the addresses telephone and facsimile numbers set forth on the signature pages hereto.

(b) All notices sent under this Agreement shall be effective when received by the other Party, except that any facsimile which is received after 5:00 p.m. at the location of the receiving Party shall be deemed to be effective on the next business day.

(c) Each Party may change its notice information set forth above by written notice to the other Party pursuant to this Section 7.

Section 1. Counterparts. This Agreement may be executed in any number of counterparts, all of which together shall constitute a single instrument.

Section 2. Conflicts. In the event of a conflict between the Asset Purchase Agreement, on the one hand, and this Agreement on the other hand, the terms and provisions of this Agreement shall govern.

Section 3. Amendments and Waivers. This Agreement may be amended, supplemented or otherwise modified only in writing executed and delivered by each Party. Notwithstanding the foregoing, the Parties shall not enter into any amendment, supplement, or modification to this Agreement which conflicts with the terms and conditions of the CS4 PSAs or the Ownership Agreement. No waiver of any right under this Agreement shall be binding unless such waiver is in a writing by the Party to be bound. No failure to exercise and no delay in exercising, on the part of any Party, any right, remedy, power or privilege under this Agreement, shall operate as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege under this Agreement preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

[SIGNATURES FOLLOW]

IN WITNESS WHEREOF, the parties have executed this MPC/PP&L Colstrip Units 3&4 Generating Project Reciprocal Sharing Agreement as of the date first above written.

THE MONTANA POWER COMPANY

By: _____
Name: RICHARD F CROMER
Title: EXECUTIVE VICE PRESIDENT

Addresses for Notices:
The Montana Power Company
Energy Supply Division
40 E. Broadway
Butte, MT 59701
Attn: Executive Vice President and Chief Operating Officer
Telephone Number: (406) 496-5100
Facsimile Number: (406) 497-2150

With a copy of written notices to:
Montana Power Company
40 E. Broadway
Butte, MT 59701
Attn: General Counsel
Facsimile Number: (406) 497-2451

PP&L MONTANA, LLC

By: _____
Name: Roger Petersen
Title: President

Address for Notices:
PP&L Montana, LLC
US Bank Building
303 North Broadway, Suite 400
Billings, Montana 59101
Attention: David Kinnard, General Counsel
Telephone: (406) 869-5100
Facsimile: (406) 869-5149

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
1/26/2014	PPL EnergyPlus, LLC	various hourly	various hourly	515	1/26/2014	1/26/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/24/2014	Avista Corp WWP	various hourly	various hourly	9	1/24/2014	1/24/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/23/2014	Puget Sound Energy	various hourly	various hourly	680	1/23/2014	1/23/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/23/2014	Portland General Electric Company	various hourly	various hourly	35	1/23/2014	1/23/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/22/2014	PPL EnergyPlus, LLC	various hourly	various hourly	460	1/22/2014	1/22/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/22/2014	Puget Sound Energy	various hourly	various hourly	344	1/22/2014	1/22/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/22/2014	PPL EnergyPlus, LLC	various hourly	various hourly	225	1/22/2014	1/22/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/22/2014	Puget Sound Energy	various hourly	various hourly	331	1/22/2014	1/22/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/22/2014	Portland General Electric Company	various hourly	various hourly	28	1/22/2014	1/22/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/21/2014	PPL EnergyPlus, LLC	various hourly	various hourly	210	1/21/2014	1/21/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/21/2014	Avista Corp WWP	25	$ 43.00	400	1/22/2014	1/22/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/21/2014	PPL EnergyPlus, LLC	25	$ 41.00	400	1/22/2014	1/22/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/21/2014	Puget Sound Energy	50	various hourly	800	1/22/2014	1/22/2014	MT Regulated Electric-Pre-Schedule	Index	1*16	NWMT
1/21/2014	Puget Sound Energy	various hourly	various hourly	10	1/21/2014	1/21/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/21/2014	Portland General Electric Company	various hourly	various hourly	10	1/21/2014	1/21/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/21/2014	Avista Corp WWP	various hourly	various hourly	9	1/21/2014	1/21/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/20/2014	PPL EnergyPlus, LLC	various hourly	various hourly	486	1/20/2014	1/20/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/20/2014	Puget Sound Energy	various hourly	various hourly	65	1/20/2014	1/20/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/19/2014	PPL EnergyPlus, LLC	various hourly	various hourly	120	1/19/2014	1/19/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/19/2014	Puget Sound Energy	various hourly	various hourly	25	1/19/2014	1/19/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/18/2014	Puget Sound Energy	various hourly	various hourly	495	1/18/2014	1/18/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/18/2014	PPL EnergyPlus, LLC	various hourly	various hourly	235	1/18/2014	1/18/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/18/2014	PPL EnergyPlus, LLC	various hourly	various hourly	15	1/18/2014	1/18/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/17/2014	PPL EnergyPlus, LLC	various hourly	various hourly	160	1/17/2014	1/17/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/17/2014	Avista Corp WWP	25	$ 40.00	800	1/20/2014	1/21/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/17/2014	Portland General Electric Company	various hourly	various hourly	25	1/17/2014	1/17/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/17/2014	Puget Sound Energy	various hourly	various hourly	40	1/17/2014	1/17/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/16/2014	PPL EnergyPlus, LLC	various hourly	various hourly	570	1/16/2014	1/16/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/16/2014	Avista Corp WWP	25	$ 42.00	400	1/19/2014	1/19/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/16/2014	Portland General Electric Company	various hourly	various hourly	75	1/16/2014	1/16/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/15/2014	PPL EnergyPlus, LLC	various hourly	various hourly	215	1/15/2014	1/15/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/15/2014	Puget Sound Energy	various hourly	various hourly	155	1/15/2014	1/15/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/14/2014	PPL EnergyPlus, LLC	various hourly	various hourly	1,279	1/14/2014	1/14/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/14/2014	Puget Sound Energy	various hourly	various hourly	590	1/14/2014	1/14/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/13/2014	PPL EnergyPlus, LLC	various hourly	various hourly	130	1/13/2014	1/13/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/13/2014	PPL EnergyPlus, LLC	various hourly	various hourly	395	1/13/2014	1/13/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/13/2014	Portland General Electric Company	various hourly	various hourly	15	1/13/2014	1/13/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/12/2014	Puget Sound Energy	various hourly	various hourly	40	1/12/2014	1/12/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/12/2014	PPL EnergyPlus, LLC	various hourly	various hourly	545	1/12/2014	1/12/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/11/2014	Puget Sound Energy	various hourly	various hourly	70	1/11/2014	1/11/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/11/2014	PPL EnergyPlus, LLC	various hourly	various hourly	300	1/11/2014	1/11/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/10/2014	PPL EnergyPlus, LLC	various hourly	various hourly	207	1/10/2014	1/10/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/10/2014	Avista Corp WWP	25	$ 36.00	400	1/12/2014	1/12/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/10/2014	PPL EnergyPlus, LLC	various hourly	various hourly	268	1/10/2014	1/10/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/10/2014	PPL EnergyPlus, LLC	various hourly	various hourly	90	1/10/2014	1/10/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/9/2014	Puget Sound Energy	various hourly	various hourly	45	1/9/2014	1/9/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/8/2014	Puget Sound Energy	various hourly	various hourly	330	1/8/2014	1/8/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/8/2014	PPL EnergyPlus, LLC	various hourly	various hourly	879	1/9/2014	1/9/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/7/2014	PPL EnergyPlus, LLC	various hourly	various hourly	1,251	1/7/2014	1/7/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/7/2014	Puget Sound Energy	various hourly	various hourly	565	1/7/2014	1/7/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/7/2014	Portland General Electric Company	various hourly	various hourly	570	1/7/2014	1/7/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/7/2014	PPL EnergyPlus, LLC	various hourly	various hourly	1,667	1/8/2014	1/8/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/6/2014	PPL EnergyPlus, LLC	various hourly	various hourly	125	1/6/2014	1/6/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/6/2014	Puget Sound Energy	various hourly	various hourly	185	1/6/2014	1/6/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/6/2014	PPL EnergyPlus, LLC	25	$ 44.00	400	1/7/2014	1/7/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/5/2014	Puget Sound Energy	various hourly	various hourly	140	1/5/2014	1/5/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/5/2014	Portland General Electric Company	various hourly	various hourly	50	1/5/2014	1/5/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/5/2014	PPL EnergyPlus, LLC	various hourly	various hourly	90	1/5/2014	1/5/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	PPL EnergyPlus, LLC	various hourly	various hourly	445	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	Portland General Electric Company	various hourly	various hourly	110	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	Avista Corp WWP	various hourly	various hourly	40	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	PPL EnergyPlus, LLC	various hourly	various hourly	113	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	Puget Sound Energy	various hourly	various hourly	215	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/4/2014	Puget Sound Energy	various hourly	various hourly	65	1/4/2014	1/4/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/3/2014	Portland General Electric Company	various hourly	various hourly	210	1/3/2014	1/3/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/3/2014	PPL EnergyPlus, LLC	various hourly	various hourly	371	1/3/2014	1/3/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/3/2014	Avista Corp WWP	25	$ 52.00	400	1/6/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/3/2014	Avista Corp WWP	25	$ 49.00	800	1/5/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
1/3/2014	PPL EnergyPlus, LLC	50	$ 47.25	1,600	1/5/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
1/3/2014	PPL EnergyPlus, LLC	50	$ 50.00	800	1/6/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/3/2014	PPL EnergyPlus, LLC	10	$ 50.00	160	1/5/2014	1/5/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/3/2014	Puget Sound Energy	25	various hourly	800	1/5/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Index	6*8 1*24	NWMT
1/3/2014	Puget Sound Energy	100	various hourly	1,600	1/6/2014	1/6/2014	MT Regulated Electric-Pre-Schedule	Index	1*16	NWMT
1/3/2014	Puget Sound Energy	various hourly	various hourly	75	1/3/2014	1/3/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/3/2014	PPL EnergyPlus, LLC	various hourly	various hourly	231	1/3/2014	1/3/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/3/2014	Avista Corp WWP	various hourly	various hourly	30	1/3/2014	1/3/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/2/2014	PPL EnergyPlus, LLC	various hourly	various hourly	785	1/2/2014	1/2/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/2/2014	Portland General Electric Company	various hourly	various hourly	25	1/2/2014	1/2/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/2/2014	Avista Corp WWP	25	$ 43.50	800	1/3/2014	1/4/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
1/2/2014	PPL EnergyPlus, LLC	various hourly	various hourly	209	1/2/2014	1/2/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/1/2014	PPL EnergyPlus, LLC	various hourly	various hourly	460	1/1/2014	1/1/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/1/2014	PPL EnergyPlus, LLC	various hourly	various hourly	1,110	1/1/2014	1/1/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
1/1/2014	Portland General Electric Company	various hourly	various hourly	10	1/1/2014	1/1/2014	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/31/2013	PPL EnergyPlus, LLC	various hourly	various hourly	225	12/31/2013	12/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/31/2013	Avista Corp WWP	25	$ 46.75	400	1/1/2014	1/1/2014	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/31/2013	PPL EnergyPlus, LLC	various hourly	various hourly	495	12/31/2013	12/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/31/2013	Puget Sound Energy	various hourly	various hourly	30	12/31/2013	12/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/31/2013	Portland General Electric Company	various hourly	various hourly	15	12/31/2013	12/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/31/2013	Avista Corp WWP	various hourly	various hourly	25	12/31/2013	12/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/30/2013	Avista Corp WWP	various hourly	various hourly	65	12/30/2013	12/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/30/2013	Puget Sound Energy	various hourly	various hourly	75	12/30/2013	12/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	130	12/30/2013	12/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/30/2013	Puget Sound Energy	various hourly	various hourly	80	12/30/2013	12/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
12/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	205	12/29/2013	12/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/29/2013	Puget Sound Energy	various hourly	various hourly	400	12/29/2013	12/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	12/29/2013	12/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	240	12/28/2013	12/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	25	12/28/2013	12/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/28/2013	Puget Sound Energy	various hourly	various hourly	50	12/28/2013	12/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/28/2013	Portland General Electric Company	various hourly	various hourly	115	12/28/2013	12/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/28/2013	Puget Sound Energy	various hourly	various hourly	75	12/28/2013	12/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	Portland General Electric Company	various hourly	various hourly	50	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	25	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	110	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	PPL EnergyPlus, LLC	75	$ 45.00	1,800	12/30/2013	12/30/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/27/2013	PPL EnergyPlus, LLC	75	$ 41.00	1,800	12/29/2013	12/29/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/27/2013	Puget Sound Energy	various hourly	various hourly	45	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	Puget Sound Energy	various hourly	various hourly	255	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	12/27/2013	12/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	85	12/26/2013	12/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/26/2013	Puget Sound Energy	various hourly	various hourly	55	12/26/2013	12/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/25/2013	Avista Corp WWP	various hourly	various hourly	45	12/25/2013	12/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	367	12/25/2013	12/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	12/25/2013	12/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/24/2013	Puget Sound Energy	various hourly	various hourly	50	12/24/2013	12/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/24/2013	Puget Sound Energy	various hourly	various hourly	145	12/24/2013	12/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	12/24/2013	12/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	285	12/23/2013	12/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/23/2013	Portland General Electric Company	various hourly	various hourly	280	12/23/2013	12/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/23/2013	Puget Sound Energy	various hourly	various hourly	150	12/23/2013	12/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/23/2013	Avista Corp WWP	25	$ 49.50	400	12/25/2013	12/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	930	12/22/2013	12/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/22/2013	Puget Sound Energy	various hourly	various hourly	625	12/22/2013	12/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/22/2013	Portland General Electric Company	various hourly	various hourly	105	12/22/2013	12/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/22/2013	Portland General Electric Company	various hourly	various hourly	210	12/22/2013	12/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	125	12/21/2013	12/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/21/2013	Puget Sound Energy	various hourly	various hourly	380	12/21/2013	12/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/21/2013	Portland General Electric Company	various hourly	various hourly	825	12/21/2013	12/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,287	12/20/2013	12/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/20/2013	Puget Sound Energy	various hourly	various hourly	200	12/20/2013	12/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/20/2013	Avista Corp WWP	25	$ 41.75	400	12/22/2013	12/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/20/2013	PPL EnergyPlus, LLC	25	$ 39.00	400	12/22/2013	12/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/20/2013	Avista Corp WWP	various hourly	various hourly	145	12/20/2013	12/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/20/2013	Puget Sound Energy	various hourly	various hourly	230	12/20/2013	12/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	727	12/19/2013	12/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/19/2013	Puget Sound Energy	various hourly	various hourly	205	12/19/2013	12/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/19/2013	Portland General Electric Company	various hourly	various hourly	15	12/19/2013	12/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/19/2013	Puget Sound Energy	various hourly	various hourly	280	12/19/2013	12/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	198	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	Avista Corp WWP	various hourly	various hourly	200	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	Puget Sound Energy	various hourly	various hourly	95	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	85	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	Avista Corp WWP	25	$ 63.50	400	12/19/2013	12/19/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/18/2013	Puget Sound Energy	50	$ 62.00	800	12/19/2013	12/19/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/18/2013	Puget Sound Energy	various hourly	various hourly	275	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/18/2013	Portland General Electric Company	various hourly	various hourly	70	12/18/2013	12/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	12/17/2013	12/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	35	12/17/2013	12/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	305	12/16/2013	12/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	70	12/16/2013	12/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,110	12/15/2013	12/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/15/2013	Puget Sound Energy	various hourly	various hourly	15	12/15/2013	12/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	315	12/14/2013	12/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	55	12/13/2013	12/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	145	12/12/2013	12/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/12/2013	PPL EnergyPlus, LLC	25	various hourly	10,400	1/1/2014	1/31/2014	MT Regulated Electric-Term	Index	6*16	NWMT
12/11/2013	Puget Sound Energy	various hourly	various hourly	40	12/11/2013	12/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/11/2013	Puget Sound Energy	various hourly	various hourly	60	12/11/2013	12/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/11/2013	PPL EnergyPlus, LLC	50	$ 53.00	175	12/11/2013	12/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	100	12/11/2013	12/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	10	12/10/2013	12/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/10/2013	Puget Sound Energy	various hourly	various hourly	965	12/10/2013	12/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	150	12/10/2013	12/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/10/2013	Portland General Electric Company	various hourly	various hourly	50	12/10/2013	12/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/10/2013	Avista Corp WWP	25	$ 54.00	200	12/11/2013	12/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/10/2013	PPL EnergyPlus, LLC	50	$ 53.00	300	12/11/2013	12/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	70	12/9/2013	12/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/9/2013	Puget Sound Energy	various hourly	various hourly	175	12/9/2013	12/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/9/2013	Avista Corp WWP	various hourly	various hourly	150	12/9/2013	12/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/9/2013	Avista Corp WWP	25	$ 44.00	600	12/10/2013	12/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/9/2013	PPL EnergyPlus, LLC	50	$ 43.00	390	12/10/2013	12/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
12/9/2013	Portland General Electric Company	various hourly	various hourly	75	12/9/2013	12/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/9/2013	Avista Corp WWP	various hourly	various hourly	75	12/9/2013	12/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	Hourly	NWMT
12/9/2013	Puget Sound Energy	various hourly	various hourly	165	12/9/2013	12/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	560	12/8/2013	12/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	55	12/8/2013	12/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/8/2013	Puget Sound Energy	various hourly	various hourly	40	12/8/2013	12/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	295	12/7/2013	12/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	366	12/7/2013	12/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/7/2013	Puget Sound Energy	various hourly	various hourly	138	12/7/2013	12/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/7/2013	Portland General Electric Company	various hourly	various hourly	25	12/7/2013	12/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	12/6/2013	12/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/6/2013	Avista Corp WWP	25	$ 93.50	800	12/8/2013	12/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
12/6/2013	Puget Sound Energy	75	$ 91.00	2,400	12/8/2013	12/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
12/6/2013	Avista Corp WWP	25	$ 95.00	325	12/9/2013	12/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
12/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	335	12/6/2013	12/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
12/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	354	12/5/2013	12/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/5/2013	Portland General Electric Company	various hourly	various hourly	75	12/5/2013	12/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/5/2013	Avista Corp WWP	25	$ 50.00	1,200	12/6/2013	12/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/5/2013	Puget Sound Energy	50	$ 51.00	2,400	12/6/2013	12/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	12/4/2013	12/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/4/2013	Portland General Electric Company	various hourly	various hourly	60	12/4/2013	12/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/4/2013	Avista Corp WWP	25	$ 48.50	600	12/5/2013	12/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/4/2013	Puget Sound Energy	50	$ 48.50	1,200	12/5/2013	12/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/4/2013	Puget Sound Energy	various hourly	various hourly	95	12/4/2013	12/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	218	12/3/2013	12/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/3/2013	Avista Corp WWP	25	$ 41.00	600	12/4/2013	12/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
12/3/2013	PPL EnergyPlus, LLC	50	$ 39.45	400	12/4/2013	12/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
12/3/2013	Puget Sound Energy	various hourly	various hourly	70	12/3/2013	12/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/2/2013	Puget Sound Energy	various hourly	various hourly	55	12/2/2013	12/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/2/2013	Avista Corp WWP	various hourly	various hourly	90	12/2/2013	12/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/2/2013	Puget Sound Energy	various hourly	various hourly	60	12/2/2013	12/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/2/2013	Avista Corp WWP	various hourly	various hourly	325	12/2/2013	12/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
12/1/2013	Puget Sound Energy	various hourly	various hourly	45	12/1/2013	12/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	15	11/30/2013	11/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/30/2013	Portland General Electric Company	various hourly	various hourly	50	11/30/2013	11/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	11/29/2013	11/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/29/2013	Puget Sound Energy	various hourly	various hourly	40	11/29/2013	11/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/29/2013	Puget Sound Energy	various hourly	various hourly	30	11/29/2013	11/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	605	11/28/2013	11/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	788	11/28/2013	11/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/28/2013	Puget Sound Energy	various hourly	various hourly	210	11/28/2013	11/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	170	11/27/2013	11/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/27/2013	PPL EnergyPlus, LLC	25	$ 30.00	400	12/1/2013	12/1/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/27/2013	Avista Corp WWP	25	$ 33.00	400	12/1/2013	12/1/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	520	11/27/2013	11/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	120	11/26/2013	11/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/26/2013	Puget Sound Energy	various hourly	various hourly	70	11/26/2013	11/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/26/2013	Avista Corp WWP	various hourly	various hourly	99	11/26/2013	11/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/26/2013	PPL EnergyPlus, LLC	50	$ 34.00	2,000	11/28/2013	11/30/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
11/26/2013	Avista Corp WWP	25	$ 35.00	1,000	11/28/2013	11/30/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
11/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	800	11/25/2013	11/25/2013	MT Regulated Electric-Term	Fixed	Hourly	NWMT
11/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	900	11/25/2013	11/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/25/2013	Avista Corp WWP	25	$ 41.00	800	11/26/2013	11/27/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/25/2013	Puget Sound Energy	75	$ 41.00	2,400	11/26/2013	11/27/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/25/2013	Puget Sound Energy	various hourly	various hourly	180	11/25/2013	11/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/24/2013	Puget Sound Energy	various hourly	various hourly	40	11/24/2013	11/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	270	11/24/2013	11/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	985	11/24/2013	11/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/24/2013	Portland General Electric Company	various hourly	various hourly	10	11/24/2013	11/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/24/2013	Portland General Electric Company	various hourly	various hourly	85	11/24/2013	11/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	550	11/23/2013	11/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/23/2013	Avista Corp WWP	various hourly	various hourly	35	11/23/2013	11/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	260	11/22/2013	11/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/22/2013	PPL EnergyPlus, LLC	50	$ 36.00	1,200	11/24/2013	11/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
11/22/2013	PPL EnergyPlus, LLC	25	$ 40.75	0	11/25/2013	11/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/22/2013	Avista Corp WWP	25	$ 39.75	800	11/24/2013	11/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/22/2013	Puget Sound Energy	25	$ 41.50	400	11/25/2013	11/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/22/2013	Puget Sound Energy	various hourly	various hourly	215	11/22/2013	11/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	150	11/22/2013	11/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	338	11/21/2013	11/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/21/2013	Portland General Electric Company	various hourly	various hourly	50	11/21/2013	11/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/21/2013	Puget Sound Energy	various hourly	various hourly	80	11/21/2013	11/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	388	11/21/2013	11/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/21/2013	PPL EnergyPlus, LLC	25	$ 35.00	1,200	11/22/2013	11/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
11/21/2013	Avista Corp WWP	25	$ 44.50	800	11/22/2013	11/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/21/2013	Puget Sound Energy	various hourly	various hourly	135	11/21/2013	11/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	705	11/20/2013	11/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/20/2013	Portland General Electric Company	various hourly	various hourly	50	11/20/2013	11/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	220	11/20/2013	11/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/20/2013	PPL EnergyPlus, LLC	25	$ 33.50	600	11/21/2013	11/21/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
11/20/2013	Avista Corp WWP	25	$ 35.00	600	11/21/2013	11/21/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
11/20/2013	Puget Sound Energy	25	$ 36.00	200	11/21/2013	11/21/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
11/20/2013	Puget Sound Energy	various hourly	various hourly	58	11/20/2013	11/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,246	11/19/2013	11/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	413	11/19/2013	11/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/19/2013	Avista Corp WWP	25	$ 40.00	400	11/20/2013	11/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/19/2013	PPL EnergyPlus, LLC	25	$ 39.25	400	11/20/2013	11/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/19/2013	Portland General Electric Company	various hourly	various hourly	45	11/19/2013	11/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/18/2013	Puget Sound Energy	various hourly	various hourly	834	11/18/2013	11/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	145	11/18/2013	11/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	317	11/18/2013	11/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/17/2013	Puget Sound Energy	various hourly	various hourly	337	11/17/2013	11/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/17/2013	Avista Corp WWP	various hourly	various hourly	20	11/17/2013	11/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/17/2013	Portland General Electric Company	various hourly	various hourly	985	11/17/2013	11/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	45	11/17/2013	11/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/16/2013	Portland General Electric Company	various hourly	various hourly	105	11/16/2013	11/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	20	11/15/2013	11/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/15/2013	Avista Corp WWP	25	$ 38.00	400	11/18/2013	11/18/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	11/15/2013	11/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/15/2013	Puget Sound Energy	various hourly	various hourly	30	11/15/2013	11/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	74	11/14/2013	11/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/14/2013	Puget Sound Energy	various hourly	various hourly	55	11/14/2013	11/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/14/2013	Puget Sound Energy	various hourly	various hourly	45	11/14/2013	11/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	370	11/13/2013	11/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/13/2013	Avista Corp WWP	various hourly	various hourly	170	11/13/2013	11/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/13/2013	Puget Sound Energy	various hourly	various hourly	196	11/13/2013	11/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/13/2013	Puget Sound Energy	various hourly	various hourly	20	11/13/2013	11/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/12/2013	Puget Sound Energy	various hourly	various hourly	210	11/12/2013	11/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
11/12/2013	PacifiCorp	various hourly	various hourly	175	11/12/2013	11/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/12/2013	Avista Corp WWP	25	$ 40.00	400	11/13/2013	11/13/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	11/12/2013	11/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/11/2013	Portland General Electric Company	various hourly	various hourly	753	11/11/2013	11/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	10	11/11/2013	11/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/11/2013	Avista Corp WWP	various hourly	various hourly	57	11/11/2013	11/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/11/2013	Puget Sound Energy	various hourly	various hourly	94	11/11/2013	11/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/10/2013	Puget Sound Energy	various hourly	various hourly	1,091	11/10/2013	11/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	705	11/9/2013	11/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/9/2013	Puget Sound Energy	various hourly	various hourly	170	11/9/2013	11/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	544	11/10/2013	11/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/7/2013	Puget Sound Energy	various hourly	various hourly	23	11/7/2013	11/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	155	11/7/2013	11/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/7/2013	Avista Corp WWP	various hourly	various hourly	150	11/7/2013	11/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/7/2013	PPL EnergyPlus, LLC	50	$ 32.00	1,200	11/10/2013	11/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
11/7/2013	Avista Corp WWP	25	$ 34.25	400	11/10/2013	11/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/7/2013	Portland General Electric Company	various hourly	various hourly	50	11/7/2013	11/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	435	11/6/2013	11/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/6/2013	Puget Sound Energy	various hourly	various hourly	64	11/6/2013	11/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	405	11/5/2013	11/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/5/2013	Puget Sound Energy	various hourly	various hourly	15	11/5/2013	11/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/5/2013	Portland General Electric Company	various hourly	various hourly	30	11/5/2013	11/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	Portland General Electric Company	various hourly	various hourly	15	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	45	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	288	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	PPL EnergyPlus, LLC	50	$ 27.00	400	11/5/2013	11/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
11/4/2013	Puget Sound Energy	various hourly	various hourly	129	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	Portland General Electric Company	various hourly	various hourly	60	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	Portland General Electric Company	various hourly	various hourly	30	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	225	11/4/2013	11/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/3/2013	Portland General Electric Company	various hourly	various hourly	143	11/3/2013	11/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	539	11/3/2013	11/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	491	11/2/2013	11/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/1/2013	Puget Sound Energy	various hourly	various hourly	165	11/1/2013	11/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/1/2013	Puget Sound Energy	various hourly	various hourly	50	11/1/2013	11/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/1/2013	Avista Corp WWP	50	$ 41.50	800	11/4/2013	11/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
11/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	507	11/1/2013	11/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/1/2013	Portland General Electric Company	various hourly	various hourly	15	11/1/2013	11/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
11/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	330	11/2/2013	11/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/31/2013	PPL EnergyPlus, LLC	various hourly	various hourly	15	10/31/2013	10/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/29/2013	PPL EnergyPlus, LLC	50	$ 34.50	400	10/30/2013	10/30/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*8	NWMT
10/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	525	10/30/2013	10/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	10/28/2013	10/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	Puget Sound Energy	various hourly	various hourly	110	10/28/2013	10/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	318	10/28/2013	10/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	PPL EnergyPlus, LLC	75	$ 33.00	1,000	10/29/2013	10/29/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
10/28/2013	Avista Corp WWP	50	$ 43.25	800	10/29/2013	10/29/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/28/2013	Puget Sound Energy	various hourly	various hourly	115	10/28/2013	10/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	398	10/29/2013	10/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/28/2013	Puget Sound Energy	various hourly	various hourly	759	10/29/2013	10/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/27/2013	Puget Sound Energy	various hourly	various hourly	25	10/27/2013	10/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	20	10/27/2013	10/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	150	10/27/2013	10/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/27/2013	Puget Sound Energy	various hourly	various hourly	345	10/27/2013	10/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	100	10/27/2013	10/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	369	10/26/2013	10/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	120	10/26/2013	10/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/26/2013	Puget Sound Energy	various hourly	various hourly	75	10/26/2013	10/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/25/2013	Portland General Electric Company	various hourly	various hourly	150	10/25/2013	10/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	396	10/25/2013	10/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/25/2013	Puget Sound Energy	various hourly	various hourly	105	10/25/2013	10/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/25/2013	PPL EnergyPlus, LLC	25	$ 36.75	400	10/27/2013	10/27/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*24	NWMT
10/25/2013	PPL EnergyPlus, LLC	25	$ 36.75	400	10/28/2013	10/28/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/25/2013	Puget Sound Energy	50	$ 39.00	800	10/28/2013	10/28/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	135	10/25/2013	10/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/24/2013	Portland General Electric Company	various hourly	various hourly	53	10/24/2013	10/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/24/2013	Avista Corp WWP	various hourly	various hourly	25	10/24/2013	10/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/24/2013	PPL EnergyPlus, LLC	25	$ 42.00	394	10/25/2013	10/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	2*16	NWMT
10/24/2013	PPL EnergyPlus, LLC	25	$ 42.00	400	10/25/2013	10/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/24/2013	Puget Sound Energy	25	$ 44.00	400	10/25/2013	10/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/24/2013	Puget Sound Energy	25	$ 44.00	400	10/26/2013	10/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	210	10/25/2013	10/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/23/2013	Avista Corp WWP	25	$ 46.00	400	10/24/2013	10/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/23/2013	PPL EnergyPlus, LLC	25	$ 46.00	400	10/24/2013	10/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/23/2013	Portland General Electric Company	various hourly	various hourly	115	10/23/2013	10/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	173	10/23/2013	10/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	655	10/24/2013	10/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/22/2013	Portland General Electric Company	various hourly	various hourly	199	10/22/2013	10/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/22/2013	Avista Corp WWP	25	$ 46.25	400	10/23/2013	10/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/22/2013	PPL EnergyPlus, LLC	25	$ 45.50	400	10/23/2013	10/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	227	10/22/2013	10/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/22/2013	Puget Sound Energy	various hourly	various hourly	25	10/22/2013	10/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/22/2013	Avista Corp WWP	various hourly	various hourly	40	10/22/2013	10/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	236	10/23/2013	10/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	68	10/21/2013	10/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/21/2013	Avista Corp WWP	25	$ 46.25	400	10/22/2013	10/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/21/2013	Portland General Electric Company	various hourly	various hourly	50	10/21/2013	10/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	250	10/22/2013	10/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/21/2013	Avista Corp WWP	various hourly	various hourly	18	10/21/2013	10/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/20/2013	Avista Corp WWP	5	$ 50.00	5	10/20/2013	10/20/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
10/20/2013	Puget Sound Energy	various hourly	various hourly	32	10/20/2013	10/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	695	10/20/2013	10/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/18/2013	Puget Sound Energy	various hourly	various hourly	45	10/18/2013	10/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
10/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	10/18/2013	10/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	150	10/18/2013	10/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	300	10/17/2013	10/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/17/2013	Puget Sound Energy	various hourly	various hourly	320	10/17/2013	10/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/17/2013	Puget Sound Energy	various hourly	various hourly	458	10/17/2013	10/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	276	10/17/2013	10/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/16/2013	PPL EnergyPlus, LLC	25	$ 41.00	400	10/17/2013	10/17/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/16/2013	Avista Corp WWP	25	$ 41.50	400	10/17/2013	10/17/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	42	10/16/2013	10/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	397	10/15/2013	10/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	10/15/2013	10/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/15/2013	Puget Sound Energy	various hourly	various hourly	70	10/15/2013	10/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,785	10/14/2013	10/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/14/2013	Avista Corp WWP	25	$ 33.09	400	10/15/2013	10/15/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
10/14/2013	Puget Sound Energy	various hourly	various hourly	345	10/14/2013	10/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	484	10/14/2013	10/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	10/14/2013	10/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,959	10/13/2013	10/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,393	10/12/2013	10/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/12/2013	Puget Sound Energy	various hourly	various hourly	102	10/12/2013	10/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/11/2013	Puget Sound Energy	various hourly	various hourly	210	10/11/2013	10/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	297	10/11/2013	10/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	10/11/2013	10/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	788	10/10/2013	10/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/10/2013	Puget Sound Energy	various hourly	various hourly	172	10/10/2013	10/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	728	10/10/2013	10/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	655	10/9/2013	10/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/9/2013	Puget Sound Energy	various hourly	various hourly	212	10/9/2013	10/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	140	10/9/2013	10/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	395	10/8/2013	10/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	10/8/2013	10/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/7/2013	Puget Sound Energy	various hourly	various hourly	135	10/7/2013	10/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	420	10/7/2013	10/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/7/2013	Portland General Electric Company	various hourly	various hourly	315	10/7/2013	10/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/7/2013	Puget Sound Energy	various hourly	various hourly	195	10/7/2013	10/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	70	10/7/2013	10/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/6/2013	Puget Sound Energy	various hourly	various hourly	55	10/6/2013	10/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	1,460	10/6/2013	10/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/5/2013	Puget Sound Energy	various hourly	various hourly	25	10/5/2013	10/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/4/2013	Portland General Electric Company	various hourly	various hourly	14	10/4/2013	10/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	315	10/4/2013	10/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	341	10/4/2013	10/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/3/2013	Puget Sound Energy	various hourly	various hourly	80	10/3/2013	10/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	55	10/3/2013	10/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	35	10/2/2013	10/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/2/2013	PacifiCorp	various hourly	various hourly	65	10/2/2013	10/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/1/2013	Puget Sound Energy	various hourly	various hourly	45	10/1/2013	10/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/1/2013	Avista Corp WWP	various hourly	various hourly	60	10/1/2013	10/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
10/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	10/1/2013	10/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	190	9/30/2013	9/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/30/2013	Puget Sound Energy	various hourly	various hourly	35	9/30/2013	9/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	9/30/2013	9/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/27/2013	Puget Sound Energy	various hourly	various hourly	50	9/27/2013	9/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/27/2013	Portland General Electric Company	various hourly	various hourly	38	9/27/2013	9/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	25	9/27/2013	9/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/26/2013	Puget Sound Energy	various hourly	various hourly	80	9/26/2013	9/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	65	9/26/2013	9/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	210	9/27/2013	9/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	430	9/25/2013	9/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/25/2013	Puget Sound Energy	various hourly	various hourly	83	9/25/2013	9/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	100	9/24/2013	9/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	9/23/2013	9/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/23/2013	Puget Sound Energy	various hourly	various hourly	35	9/23/2013	9/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/23/2013	Puget Sound Energy	various hourly	various hourly	35	9/23/2013	9/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	510	9/23/2013	9/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	802	9/22/2013	9/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/22/2013	Puget Sound Energy	various hourly	various hourly	184	9/22/2013	9/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	87	9/22/2013	9/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/22/2013	Puget Sound Energy	various hourly	various hourly	10	9/22/2013	9/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	9/22/2013	9/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	9/21/2013	9/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	55	9/21/2013	9/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	20	9/21/2013	9/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	372	9/20/2013	9/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/20/2013	Puget Sound Energy	various hourly	various hourly	48	9/20/2013	9/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	410	9/20/2013	9/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	45	9/19/2013	9/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/19/2013	Puget Sound Energy	various hourly	various hourly	90	9/19/2013	9/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	397	9/19/2013	9/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/19/2013	Avista Corp WWP	various hourly	various hourly	225	9/19/2013	9/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	115	9/18/2013	9/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/18/2013	Portland General Electric Company	various hourly	various hourly	55	9/18/2013	9/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/18/2013	Avista Corp WWP	various hourly	various hourly	75	9/18/2013	9/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/18/2013	Avista Corp WWP	various hourly	various hourly	165	9/18/2013	9/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	345	9/17/2013	9/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	850	9/17/2013	9/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/16/2013	Avista Corp WWP	various hourly	various hourly	16	9/16/2013	9/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	9/16/2013	9/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/16/2013	Portland General Electric Company	various hourly	various hourly	25	9/16/2013	9/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/16/2013	Puget Sound Energy	various hourly	various hourly	120	9/16/2013	9/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	9/16/2013	9/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	224	9/15/2013	9/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/15/2013	Puget Sound Energy	various hourly	various hourly	50	9/15/2013	9/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
9/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	555	9/15/2013	9/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/15/2013	Puget Sound Energy	various hourly	various hourly	65	9/15/2013	9/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/15/2013	Portland General Electric Company	various hourly	various hourly	15	9/15/2013	9/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	565	9/14/2013	9/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/14/2013	Puget Sound Energy	various hourly	various hourly	190	9/14/2013	9/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	240	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	Portland General Electric Company	various hourly	various hourly	140	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	Puget Sound Energy	various hourly	various hourly	40	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	240	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	Puget Sound Energy	various hourly	various hourly	677	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	Avista Corp WWP	50	$ 35.25	800	9/15/2013	9/15/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/13/2013	Puget Sound Energy	various hourly	various hourly	205	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	9/13/2013	9/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/12/2013	Portland General Electric Company	various hourly	various hourly	125	9/12/2013	9/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/12/2013	Puget Sound Energy	various hourly	various hourly	475	9/12/2013	9/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/12/2013	Puget Sound Energy	various hourly	various hourly	45	9/12/2013	9/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	95	9/12/2013	9/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	430	9/11/2013	9/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/11/2013	Avista Corp WWP	various hourly	various hourly	25	9/11/2013	9/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	9/11/2013	9/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/11/2013	Puget Sound Energy	various hourly	various hourly	940	9/11/2013	9/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/11/2013	Avista Corp WWP	50	$ 43.00	800	9/12/2013	9/12/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/11/2013	Puget Sound Energy	25	$ 44.00	400	9/12/2013	9/12/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	15	9/10/2013	9/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/10/2013	Puget Sound Energy	various hourly	various hourly	10	9/10/2013	9/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	348	9/10/2013	9/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/10/2013	Avista Corp WWP	50	$ 50.25	800	9/11/2013	9/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/10/2013	Puget Sound Energy	25	$ 51.00	400	9/11/2013	9/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/10/2013	Puget Sound Energy	various hourly	various hourly	335	9/10/2013	9/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	9/10/2013	9/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/9/2013	PacifiCorp	various hourly	various hourly	135	9/9/2013	9/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/9/2013	Avista Corp WWP	50	$ 66.50	800	9/10/2013	9/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	9/9/2013	9/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	250	9/9/2013	9/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/8/2013	Avista Corp WWP	various hourly	various hourly	279	9/8/2013	9/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/8/2013	Puget Sound Energy	various hourly	various hourly	335	9/8/2013	9/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	9/8/2013	9/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/8/2013	Portland General Electric Company	various hourly	various hourly	820	9/8/2013	9/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/8/2013	PacifiCorp	various hourly	various hourly	75	9/8/2013	9/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/7/2013	PacifiCorp	various hourly	various hourly	225	9/7/2013	9/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/7/2013	Avista Corp WWP	various hourly	various hourly	65	9/7/2013	9/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/7/2013	Portland General Electric Company	various hourly	various hourly	20	9/7/2013	9/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/7/2013	Puget Sound Energy	various hourly	various hourly	35	9/7/2013	9/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/6/2013	Puget Sound Energy	various hourly	various hourly	370	9/6/2013	9/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/6/2013	Avista Corp WWP	50	$ 54.00	1,600	9/8/2013	9/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/6/2013	Portland General Electric Company	various hourly	various hourly	80	9/6/2013	9/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/6/2013	Puget Sound Energy	various hourly	various hourly	50	9/6/2013	9/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	9/5/2013	9/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/5/2013	Puget Sound Energy	various hourly	various hourly	542	9/5/2013	9/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/5/2013	Puget Sound Energy	various hourly	various hourly	735	9/5/2013	9/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/5/2013	Puget Sound Energy	50	$ 44.00	1,600	9/6/2013	9/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/5/2013	Avista Corp WWP	25	$ 42.75	800	9/6/2013	9/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/5/2013	PPL EnergyPlus, LLC	50	$ 42.00	800	9/6/2013	9/6/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/5/2013	Portland General Electric Company	various hourly	various hourly	25	9/5/2013	9/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/5/2013	Avista Corp WWP	various hourly	various hourly	12	9/5/2013	9/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	Puget Sound Energy	various hourly	various hourly	160	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	105	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	Portland General Electric Company	various hourly	various hourly	35	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	Portland General Electric Company	various hourly	various hourly	685	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	10	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/4/2013	Avista Corp WWP	25	$ 45.00	400	9/5/2013	9/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/4/2013	Puget Sound Energy	50	$ 46.00	800	9/5/2013	9/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/4/2013	Puget Sound Energy	various hourly	various hourly	50	9/4/2013	9/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	230	9/3/2013	9/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	125	9/3/2013	9/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/3/2013	Puget Sound Energy	75	$ 58.00	1,200	9/4/2013	9/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/3/2013	Avista Corp WWP	25	$ 56.75	400	9/4/2013	9/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
9/3/2013	Puget Sound Energy	various hourly	various hourly	555	9/3/2013	9/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/2/2013	Portland General Electric Company	various hourly	various hourly	38	9/2/2013	9/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	490	9/2/2013	9/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	145	9/2/2013	9/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	650	9/1/2013	9/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
9/1/2013	Portland General Electric Company	various hourly	various hourly	117	9/1/2013	9/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/31/2013	PPL EnergyPlus, LLC	various hourly	various hourly	140	8/31/2013	8/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/31/2013	PacifiCorp	various hourly	various hourly	155	8/31/2013	8/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	285	8/30/2013	8/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/30/2013	Puget Sound Energy	various hourly	various hourly	200	8/30/2013	8/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/30/2013	PPL EnergyPlus, LLC	25	$ 36.00	1,400	9/1/2013	9/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
8/30/2013	Avista Corp WWP	25	$ 38.00	1,400	9/1/2013	9/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	6*8 1*24	NWMT
8/30/2013	Puget Sound Energy	75	$ 45.25	2,400	9/1/2013	9/2/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/30/2013	Avista Corp WWP	25	$ 50.50	400	9/3/2013	9/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/30/2013	Puget Sound Energy	60	$ 49.50	960	9/3/2013	9/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	760	8/29/2013	8/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/29/2013	Avista Corp WWP	25	$ 43.00	800	8/30/2013	8/31/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/29/2013	Portland General Electric Company	various hourly	various hourly	255	8/29/2013	8/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	777	8/28/2013	8/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/28/2013	Avista Corp WWP	various hourly	various hourly	145	8/28/2013	8/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/28/2013	Puget Sound Energy	50	$ 46.00	800	8/29/2013	8/29/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/28/2013	Puget Sound Energy	various hourly	various hourly	60	8/28/2013	8/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/28/2013	Avista Corp WWP	various hourly	various hourly	40	8/28/2013	8/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	8/27/2013	8/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/27/2013	Puget Sound Energy	various hourly	various hourly	160	8/27/2013	8/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/27/2013	Avista Corp WWP	various hourly	various hourly	50	8/27/2013	8/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
8/27/2013	Puget Sound Energy	75	$ 59.50	1,200	8/28/2013	8/28/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/27/2013	Avista Corp WWP	25	$ 56.50	400	8/28/2013	8/28/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/26/2013	Avista Corp WWP	25	$ 44.00	400	8/27/2013	8/27/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/26/2013	Puget Sound Energy	25	$ 45.50	400	8/27/2013	8/27/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/26/2013	PPL EnergyPlus, LLC	various hourly	various hourly	300	8/26/2013	8/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/26/2013	Portland General Electric Company	various hourly	various hourly	20	8/26/2013	8/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/26/2013	Puget Sound Energy	various hourly	various hourly	45	8/26/2013	8/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	100	8/25/2013	8/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/25/2013	Puget Sound Energy	various hourly	various hourly	70	8/25/2013	8/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/25/2013	Portland General Electric Company	various hourly	various hourly	452	8/25/2013	8/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/25/2013	Avista Corp WWP	15	$ 525.00	15	8/25/2013	8/25/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/24/2013	Puget Sound Energy	various hourly	various hourly	80	8/24/2013	8/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/23/2013	Puget Sound Energy	various hourly	various hourly	310	8/23/2013	8/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/23/2013	Portland General Electric Company	various hourly	various hourly	390	8/23/2013	8/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/23/2013	Avista Corp WWP	25	$ 38.50	400	8/26/2013	8/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	485	8/23/2013	8/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/22/2013	Avista Corp WWP	25	$ 35.00	800	8/23/2013	8/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/22/2013	PPL EnergyPlus, LLC	various hourly	various hourly	210	8/23/2013	8/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/22/2013	Puget Sound Energy	various hourly	various hourly	40	8/23/2013	8/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/21/2013	PPL EnergyPlus, LLC	various hourly	various hourly	265	8/21/2013	8/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/21/2013	Avista Corp WWP	25	$ 49.00	400	8/22/2013	8/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/21/2013	Puget Sound Energy	25	$ 50.50	400	8/22/2013	8/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/21/2013	Puget Sound Energy	50	$ 52.00	800	8/22/2013	8/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/21/2013	Portland General Electric Company	various hourly	various hourly	550	8/21/2013	8/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/21/2013	Puget Sound Energy	various hourly	various hourly	165	8/21/2013	8/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/21/2013	Portland General Electric Company	various hourly	various hourly	265	8/22/2013	8/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/21/2013	Avista Corp WWP	14	$ 560.00	14	8/21/2013	8/21/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/20/2013	Portland General Electric Company	various hourly	various hourly	155	8/20/2013	8/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/20/2013	PPL EnergyPlus, LLC	various hourly	various hourly	120	8/20/2013	8/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/20/2013	Avista Corp WWP	25	$ 53.75	400	8/21/2013	8/21/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/20/2013	Puget Sound Energy	various hourly	various hourly	65	8/20/2013	8/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	355	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/19/2013	Portland General Electric Company	various hourly	various hourly	30	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/19/2013	Avista Corp WWP	25	$ 45.50	400	8/20/2013	8/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/19/2013	Puget Sound Energy	25	$ 47.75	400	8/20/2013	8/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/19/2013	PPL EnergyPlus, LLC	various hourly	various hourly	64	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/19/2013	Puget Sound Energy	various hourly	various hourly	150	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/19/2013	Avista Corp WWP	7	$ 245.00	7	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/19/2013	Avista Corp WWP	15	$ 675.00	15	8/19/2013	8/19/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/18/2013	Portland General Electric Company	various hourly	various hourly	180	8/18/2013	8/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/18/2013	Puget Sound Energy	various hourly	various hourly	70	8/18/2013	8/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	175	8/18/2013	8/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	334	8/18/2013	8/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/17/2013	Puget Sound Energy	various hourly	various hourly	255	8/17/2013	8/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/17/2013	Portland General Electric Company	various hourly	various hourly	15	8/17/2013	8/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/16/2013	PPL EnergyPlus, LLC	various hourly	various hourly	232	8/16/2013	8/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/16/2013	Puget Sound Energy	various hourly	various hourly	282	8/16/2013	8/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/16/2013	Puget Sound Energy	25	$ 44.00	400	8/19/2013	8/19/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/16/2013	Avista Corp WWP	25	$ 42.25	400	8/19/2013	8/19/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/16/2013	Portland General Electric Company	various hourly	various hourly	75	8/16/2013	8/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/15/2013	Puget Sound Energy	50	$ 43.00	800	8/16/2013	8/16/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/15/2013	Avista Corp WWP	25	$ 35.25	800	8/16/2013	8/17/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	531	8/15/2013	8/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/15/2013	Puget Sound Energy	various hourly	various hourly	200	8/15/2013	8/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/15/2013	Portland General Electric Company	various hourly	various hourly	455	8/15/2013	8/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	285	8/14/2013	8/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/14/2013	Avista Corp WWP	25	$ 35.50	400	8/15/2013	8/15/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/14/2013	Puget Sound Energy	various hourly	various hourly	225	8/14/2013	8/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/14/2013	Portland General Electric Company	various hourly	various hourly	355	8/14/2013	8/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/13/2013	Portland General Electric Company	various hourly	various hourly	50	8/13/2013	8/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/12/2013	Avista Corp WWP	various hourly	various hourly	205	8/12/2013	8/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	250	8/12/2013	8/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/12/2013	Puget Sound Energy	25	$ 42.00	400	8/13/2013	8/13/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/12/2013	Avista Corp WWP	25	$ 41.50	400	8/13/2013	8/13/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/12/2013	Avista Corp WWP	15	$ 480.00	15	8/12/2013	8/12/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/11/2013	Avista Corp WWP	16	$ 720.00	16	8/11/2013	8/11/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/11/2013	Avista Corp WWP	various hourly	various hourly	445	8/11/2013	8/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	24	8/11/2013	8/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/10/2013	Avista Corp WWP	various hourly	various hourly	417	8/10/2013	8/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/10/2013	Puget Sound Energy	various hourly	various hourly	45	8/10/2013	8/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/10/2013	PPL EnergyPlus, LLC	various hourly	various hourly	240	8/10/2013	8/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/9/2013	Avista Corp WWP	various hourly	various hourly	85	8/9/2013	8/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/9/2013	Avista Corp WWP	25	$ 40.00	400	8/12/2013	8/12/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/9/2013	Puget Sound Energy	50	$ 41.00	800	8/12/2013	8/12/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/9/2013	Puget Sound Energy	various hourly	various hourly	240	8/9/2013	8/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/9/2013	Portland General Electric Company	various hourly	various hourly	260	8/9/2013	8/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/9/2013	Avista Corp WWP	various hourly	various hourly	40	8/9/2013	8/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/9/2013	Puget Sound Energy	various hourly	various hourly	15	8/9/2013	8/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/8/2013	Puget Sound Energy	various hourly	various hourly	985	8/8/2013	8/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/8/2013	Portland General Electric Company	various hourly	various hourly	50	8/8/2013	8/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	Puget Sound Energy	various hourly	various hourly	43	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	Puget Sound Energy	various hourly	various hourly	461	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	Portland General Electric Company	various hourly	various hourly	50	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/7/2013	Avista Corp WWP	various hourly	various hourly	15	8/7/2013	8/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/6/2013	Avista Corp WWP	various hourly	various hourly	50	8/6/2013	8/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	268	8/6/2013	8/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/6/2013	Puget Sound Energy	various hourly	various hourly	35	8/6/2013	8/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/6/2013	Avista Corp WWP	25	$ 38.00	400	8/7/2013	8/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	125	8/6/2013	8/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/5/2013	Puget Sound Energy	various hourly	various hourly	617	8/5/2013	8/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	8/5/2013	8/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
8/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	45	8/5/2013	8/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/4/2013	PPL EnergyPlus, LLC	various hourly	various hourly	245	8/4/2013	8/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/4/2013	Puget Sound Energy	various hourly	various hourly	354	8/4/2013	8/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/4/2013	Portland General Electric Company	various hourly	various hourly	84	8/4/2013	8/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/4/2013	Avista Corp WWP	30	$ 1,260.00	30	8/4/2013	8/4/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/3/2013	Avista Corp WWP	4	$ 152.00	4	8/3/2013	8/3/2013	MT Regulated Electric-Hourly	Acct Adjust	1*24	NWMT
8/3/2013	PPL EnergyPlus, LLC	various hourly	various hourly	620	8/3/2013	8/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/3/2013	Puget Sound Energy	various hourly	various hourly	237	8/3/2013	8/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	335	8/2/2013	8/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/2/2013	Avista Corp WWP	25	$ 41.75	400	8/5/2013	8/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/2/2013	Puget Sound Energy	25	$ 42.50	400	8/5/2013	8/5/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
8/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	320	8/2/2013	8/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	270	8/1/2013	8/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
8/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	70	8/1/2013	8/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/31/2013	PPL EnergyPlus, LLC	various hourly	various hourly	340	7/31/2013	7/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/31/2013	Puget Sound Energy	various hourly	various hourly	254	7/31/2013	7/31/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/31/2013	Avista Corp WWP	25	$ 32.75	400	8/1/2013	8/1/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/30/2013	Avista Corp WWP	25	$ 40.50	400	7/31/2013	7/31/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/30/2013	Portland General Electric Company	various hourly	various hourly	145	7/30/2013	7/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/30/2013	PPL EnergyPlus, LLC	various hourly	various hourly	440	7/30/2013	7/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/30/2013	Puget Sound Energy	various hourly	various hourly	325	7/30/2013	7/30/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	400	7/29/2013	7/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/29/2013	Puget Sound Energy	various hourly	various hourly	142	7/29/2013	7/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/29/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	7/29/2013	7/29/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/28/2013	Avista Corp WWP	various hourly	various hourly	18	7/28/2013	7/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/28/2013	Avista Corp WWP	various hourly	various hourly	135	7/28/2013	7/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/28/2013	Puget Sound Energy	various hourly	various hourly	435	7/28/2013	7/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/28/2013	Portland General Electric Company	various hourly	various hourly	260	7/28/2013	7/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/28/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	7/28/2013	7/28/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	7/27/2013	7/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/27/2013	Puget Sound Energy	various hourly	various hourly	405	7/27/2013	7/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/27/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	7/27/2013	7/27/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/26/2013	Avista Corp WWP	various hourly	various hourly	110	7/26/2013	7/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/26/2013	PacifiCorp	various hourly	various hourly	115	7/26/2013	7/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/26/2013	Puget Sound Energy	various hourly	various hourly	45	7/26/2013	7/26/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/26/2013	Avista Corp WWP	25	$ 33.00	400	7/28/2013	7/28/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/25/2013	PacifiCorp	various hourly	various hourly	240	7/25/2013	7/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/25/2013	Puget Sound Energy	various hourly	various hourly	108	7/25/2013	7/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/25/2013	Portland General Electric Company	various hourly	various hourly	75	7/25/2013	7/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/25/2013	PPL EnergyPlus, LLC	various hourly	various hourly	185	7/25/2013	7/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/25/2013	Puget Sound Energy	25	$ 55.00	400	7/26/2013	7/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/25/2013	Avista Corp WWP	25	$ 52.00	400	7/26/2013	7/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/25/2013	PPL EnergyPlus, LLC	25	$ 52.00	400	7/26/2013	7/26/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/25/2013	Avista Corp WWP	various hourly	various hourly	17	7/25/2013	7/25/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/24/2013	Puget Sound Energy	various hourly	various hourly	25	7/24/2013	7/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/24/2013	Avista Corp WWP	25	$ 51.50	400	7/25/2013	7/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/24/2013	Puget Sound Energy	50	$ 54.00	800	7/25/2013	7/25/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/24/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	7/24/2013	7/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/24/2013	PacifiCorp	various hourly	various hourly	40	7/24/2013	7/24/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/23/2013	PacifiCorp	40	various hourly	240	7/23/2013	7/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/23/2013	Puget Sound Energy	50	$ 55.00	800	7/24/2013	7/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/23/2013	Avista Corp WWP	25	$ 53.80	400	7/24/2013	7/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/23/2013	PPL EnergyPlus, LLC	25	$ 55.00	400	7/24/2013	7/24/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/23/2013	PPL EnergyPlus, LLC	various hourly	various hourly	130	7/23/2013	7/23/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/22/2013	Portland General Electric Company	various hourly	various hourly	445	7/22/2013	7/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/22/2013	Avista Corp WWP	25	$ 46.00	400	7/23/2013	7/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/22/2013	Puget Sound Energy	75	$ 48.00	1,200	7/23/2013	7/23/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/22/2013	Puget Sound Energy	various hourly	various hourly	489	7/22/2013	7/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/22/2013	PacifiCorp	various hourly	various hourly	20	7/22/2013	7/22/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/21/2013	Puget Sound Energy	various hourly	various hourly	375	7/21/2013	7/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/21/2013	Puget Sound Energy	various hourly	various hourly	25	7/21/2013	7/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/21/2013	Avista Corp WWP	various hourly	various hourly	9	7/21/2013	7/21/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/20/2013	Puget Sound Energy	various hourly	various hourly	60	7/20/2013	7/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/20/2013	Portland General Electric Company	various hourly	various hourly	78	7/20/2013	7/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/20/2013	Portland General Electric Company	various hourly	various hourly	150	7/20/2013	7/20/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/19/2013	Portland General Electric Company	various hourly	various hourly	90	7/19/2013	7/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/19/2013	Avista Corp WWP	25	$ 43.00	400	7/22/2013	7/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/19/2013	Puget Sound Energy	50	$ 44.00	800	7/22/2013	7/22/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/19/2013	Puget Sound Energy	various hourly	various hourly	313	7/19/2013	7/19/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/18/2013	Portland General Electric Company	various hourly	various hourly	210	7/18/2013	7/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/18/2013	PPL EnergyPlus, LLC	various hourly	various hourly	30	7/18/2013	7/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/18/2013	Puget Sound Energy	25	$ 39.00	800	7/19/2013	7/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/18/2013	Avista Corp WWP	25	$ 39.00	800	7/19/2013	7/20/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/18/2013	Puget Sound Energy	various hourly	various hourly	95	7/18/2013	7/18/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/17/2013	Portland General Electric Company	various hourly	various hourly	180	7/17/2013	7/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/17/2013	Avista Corp WWP	25	$ 46.00	400	7/18/2013	7/18/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/17/2013	Puget Sound Energy	25	$ 46.00	400	7/18/2013	7/18/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/17/2013	PPL EnergyPlus, LLC	various hourly	various hourly	290	7/17/2013	7/17/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/16/2013	Avista Corp WWP	25	$ 41.00	400	7/17/2013	7/17/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/16/2013	Portland General Electric Company	various hourly	various hourly	135	7/16/2013	7/16/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/15/2013	Puget Sound Energy	various hourly	various hourly	190	7/15/2013	7/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/15/2013	Puget Sound Energy	various hourly	various hourly	190	7/15/2013	7/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/15/2013	PPL EnergyPlus, LLC	various hourly	various hourly	40	7/15/2013	7/15/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/15/2013	Avista Corp WWP	25	$ 62.50	400	7/16/2013	7/16/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/14/2013	Puget Sound Energy	various hourly	various hourly	55	7/14/2013	7/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/14/2013	PPL EnergyPlus, LLC	various hourly	various hourly	261	7/14/2013	7/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/14/2013	Puget Sound Energy	various hourly	various hourly	400	7/14/2013	7/14/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/13/2013	Puget Sound Energy	various hourly	various hourly	180	7/13/2013	7/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/13/2013	Avista Corp WWP	various hourly	various hourly	25	7/13/2013	7/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/13/2013	Avista Corp WWP	various hourly	various hourly	240	7/13/2013	7/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/13/2013	PPL EnergyPlus, LLC	various hourly	various hourly	15	7/13/2013	7/13/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/12/2013	Avista Corp WWP	25	$ 52.00	400	7/15/2013	7/15/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/12/2013	Puget Sound Energy	125	$ 54.00	2,000	7/15/2013	7/15/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT

Trade Date	Counterparty Full Name	MW	Price	Total MWh	Start Date	End Date	Book	Deal Type	Term	Market
7/12/2013	Puget Sound Energy	various hourly	various hourly	560	7/12/2013	7/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/12/2013	Avista Corp WWP	25	$ 39.00	400	7/14/2013	7/14/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/12/2013	Avista Corp WWP	various hourly	various hourly	75	7/12/2013	7/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/12/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	7/12/2013	7/12/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	520	7/11/2013	7/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/11/2013	Portland General Electric Company	various hourly	various hourly	50	7/11/2013	7/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/11/2013	PPL EnergyPlus, LLC	various hourly	various hourly	35	7/11/2013	7/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/11/2013	Avista Corp WWP	25	$ 33.50	800	7/12/2013	7/13/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/11/2013	Puget Sound Energy	various hourly	various hourly	525	7/11/2013	7/11/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/10/2013	Avista Corp WWP	25	$ 33.50	400	7/11/2013	7/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/10/2013	Puget Sound Energy	25	$ 34.00	400	7/11/2013	7/11/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/10/2013	Avista Corp WWP	various hourly	various hourly	30	7/10/2013	7/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/10/2013	Portland General Electric Company	various hourly	various hourly	130	7/10/2013	7/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/10/2013	Puget Sound Energy	various hourly	various hourly	80	7/10/2013	7/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	225	7/9/2013	7/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/9/2013	Portland General Electric Company	various hourly	various hourly	345	7/9/2013	7/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/9/2013	Avista Corp WWP	25	$ 34.50	400	7/10/2013	7/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/9/2013	Puget Sound Energy	75	$ 36.00	1,200	7/10/2013	7/10/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/9/2013	Avista Corp WWP	various hourly	various hourly	60	7/9/2013	7/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/9/2013	Puget Sound Energy	various hourly	various hourly	20	7/9/2013	7/9/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/9/2013	PPL EnergyPlus, LLC	various hourly	various hourly	530	7/10/2013	7/10/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/8/2013	PPL EnergyPlus, LLC	various hourly	various hourly	485	7/8/2013	7/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/8/2013	Avista Corp WWP	25	$ 47.00	400	7/9/2013	7/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/8/2013	Puget Sound Energy	25	$ 48.00	400	7/9/2013	7/9/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/8/2013	Puget Sound Energy	various hourly	various hourly	355	7/8/2013	7/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/8/2013	Portland General Electric Company	various hourly	various hourly	110	7/8/2013	7/8/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	557	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	Avista Corp WWP	various hourly	various hourly	25	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	PPL EnergyPlus, LLC	various hourly	various hourly	180	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	Portland General Electric Company	various hourly	various hourly	30	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	Avista Corp WWP	various hourly	various hourly	41	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/7/2013	Puget Sound Energy	various hourly	various hourly	67	7/7/2013	7/7/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	60	7/6/2013	7/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/6/2013	PPL EnergyPlus, LLC	various hourly	various hourly	90	7/6/2013	7/6/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/5/2013	Avista Corp WWP	50	$ 32.00	800	7/7/2013	7/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/5/2013	PPL EnergyPlus, LLC	25	$ 38.00	400	7/7/2013	7/7/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/5/2013	PPL EnergyPlus, LLC	various hourly	various hourly	80	7/5/2013	7/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/5/2013	Avista Corp WWP	various hourly	various hourly	50	7/5/2013	7/5/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/4/2013	Puget Sound Energy	various hourly	various hourly	305	7/4/2013	7/4/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/3/2013	Avista Corp WWP	50	$ 29.00	800	7/4/2013	7/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/3/2013	Puget Sound Energy	100	$ 33.00	1,600	7/4/2013	7/4/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/3/2013	Puget Sound Energy	various hourly	various hourly	660	7/3/2013	7/3/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	Avista Corp WWP	25	$ 51.00	400	7/3/2013	7/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/2/2013	Puget Sound Energy	100	$ 53.50	1,600	7/3/2013	7/3/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/2/2013	Puget Sound Energy	various hourly	various hourly	181	7/2/2013	7/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	Avista Corp WWP	various hourly	various hourly	80	7/2/2013	7/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	Portland General Electric Company	various hourly	various hourly	45	7/2/2013	7/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	Avista Corp WWP	various hourly	various hourly	50	7/2/2013	7/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	7/2/2013	7/2/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/2/2013	Avista Corp WWP	25	various hourly	9,200	7/5/2013	7/31/2013	MT Regulated Electric-Term	Index	1*16	NWMT
7/2/2013	Avista Corp WWP	25	various hourly	10,800	8/1/2013	8/31/2013	MT Regulated Electric-Term	Index	6*16	NWMT
7/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	160	7/1/2013	7/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/1/2013	Portland General Electric Company	various hourly	various hourly	50	7/1/2013	7/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/1/2013	Puget Sound Energy	75	$ 150.00	1,200	7/2/2013	7/2/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/1/2013	Avista Corp WWP	25	$ 130.00	400	7/2/2013	7/2/2013	MT Regulated Electric-Pre-Schedule	Fixed	1*16	NWMT
7/1/2013	Puget Sound Energy	various hourly	various hourly	140	7/1/2013	7/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/1/2013	PPL EnergyPlus, LLC	various hourly	various hourly	50	7/1/2013	7/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT
7/1/2013	Avista Corp WWP	various hourly	various hourly	8	7/1/2013	7/1/2013	MT Regulated Electric-Hourly	Fixed	Hourly	NWMT

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-025 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

Please provide a schedule showing all short-term purchases from July 1, 2013 to the last day of the outage, indicating whether the purchases are replacement power due to Colstrip Unit 4 outage or normal short-term/tracker default supply purchases unrelated to the CU4 outage.

RESPONSE (November 7, 2014):

Short-term purchases are included in the exhibits to the Prefiled Direct Testimony of Frank V. Bennett in this docket. See also the response to Data Request MEIC-19. NorthWestern has no way to distinguish what purchases are replacement power due to the Colstrip Unit 4 outage or what purchases are normal short-term/tracker default supply purchases unrelated to the CU4 outage.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-026 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Please specify the coverage of any property damage insurance that applies to the outage at Colstrip Unit 4. Please provide all documents relating to any efforts NWE made to seek coverage pertaining in any way to the outage.

RESPONSE (November 7, 2014):

Operator, PPLM, is required to carry property damage insurance on behalf of the owners per the Ownership & Operation agreement (provided in response to Data Request MCC-019). NorthWestern did not seek coverage, in addition to property insurance carried by PPL on behalf of the owners mentioned above, which was already in place, once the outage occurred.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-027 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Please provide all memos, correspondence, and any documentation NWE possesses or has obtained in relation to insurance purchased by PPLM, as operator of CU4, regarding coverage of an event such as the outage.

RESPONSE (November 7, 2014):

PPLM, as operator, is required to carry property damage insurance per the Ownership & Operation Agreement provided in response to Data Request MCC-019.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-028 Regarding: 2012/2013 Tracker Period Activities
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket at page KJM-16, lines 7-8, you state that through the flexibility provided by the Hedging Strategy, NWE has been able to take advantage of this [low market prices] by procuring more energy in the day-ahead and hourly markets. Please define specifically and in detail what is meant by the "flexibility provided by the Hedging Strategy." Also, please provide a summary table of the unit prices and monthly quantities during the 2012/2013 tracker period that support your statement.

RESPONSE (November 7, 2014):

The Hedging Strategy allows NorthWestern to lock in or fix prices for future delivery by transacting in the Mid C market prior to delivery. With prices locked in, NorthWestern can concentrate on procuring physical supply at the most appropriate delivery points, either day-ahead or hourly.

The unit prices and monthly quantities during the 2012/2013 tracker period are included in the exhibits to the Prefiled Direct Testimony of Frank V. Bennett in this docket.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-029 Regarding: 2012/2013 Tracker Period Activities
Witness: Kevin J. Markovich

In your 2013 testimony filed in this docket at page KJM-17, you state that NWE procured an additional 25 MW of index-priced, on-system energy for the period of December 2012 through May 2014. Please provide detailed information about the supplier of this 25 MW and the monthly contract index-prices and quantities procured.

RESPONSE (November 7, 2014):

NorthWestern purchased 25 MW of firm, on-peak energy from PPL from December 2012 to May 2014 at the Mid C day-ahead index price less $2.75 per MWh.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-030 Regarding: USB Budget and Spending
Witness: N/A

Please provide a table showing the nine years Annual Budget and Expenditures for USB Programs.

RESPONSE:

NorthWestern has objected to this data request. Please see the objection filed November 7.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-031 Regarding: Reported Electric Savings from 2012/13
Witness: Joe Schwartzenberger

Please provide more details of all instances where reported energy savings are not based on engineering calculations but on average energy savings per DSM measure (deemed savings), and also provide for each program the value of deemed savings assigned and the procedure and basis used in these estimations.

RESPONSE (November 7, 2014):

See Attachment for all DSM program measures for the 2012-2013 tracker period where reported energy savings are based on deemed energy savings, and the deemed energy savings for each measure.

These measures were evaluated in the Nexant 2010 Assessment of Energy Efficiency Potentials study. This study determined the savings produced by each measure for the various facility types in which the measure can be implemented. NorthWestern determined the facilities where the measure is cost effective (applicable facility types). The deemed savings (in the column titled "kWh/year savings" on the Attachment) are weighted based on the percentage of the applicable facility types, within the residential or commercial sectors as appropriate depending on the measure, in NorthWestern's service area. Deemed savings are reviewed in each subsequent third party electric potential study and program evaluation and revised as necessary. For example, see the response to Data Request MCC-036.

Commercial (existing construction) electric conservation rebate measures

Measure	kWh/year savings	Per
Anti-Sweat (Humidistat) Controls	49.61	kWh/year - linear foot of case
Automated Exhaust VFD Control - Parking Garage CO sensor	4,655.7	kWh/HP per year
Automated Ventilation VFD Control (Occupancy Sensors / CO2 Sensors)	0.585068	kWh/SQFT per year
Centrifugal Chiller - VSD Remodel for Existing	1.203928	kWh per building sqft per year
Chiller - Advanced Technology	222.64	kWh per ton per year
Chiller - High Efficiency	77.22	kWh per ton per year
Commercial Reach-In Refrigerator	32.03	kWh/per year-cuft
Compressor VSD Retrofit	337	kWh/year-HP
Cooling Tower-Decrease Approach Temperature	61	kWh per chiller ton per year
Cooling Tower-Two-Speed Fan Motor	106	kWh per chiller ton per year
Cooling Tower-VSD Fan Control	137	kWh per chiller ton per year
Defrost Demand Control - Hot Gas	39.06	kWh/compressor HP per year
Direct Digital Control System-Wireless Performance Monitoring	0.962	kWh per sqft per year
Dishwashing - Commercial Chemical System	6,365	kWh/unit per year
Refrigerated Display Cases	86.17	kWh per linear foot-year
Energy Star - Computer	102.5	kWh computer per year
Energy Star - Copiers	1,129	kWh/unit per year
Energy Star - Fax	113	kWh/unit per year
Energy Star - Printers	135	kWh/unit per year
Energy Star - Scanners	186	kWh/unit per year
Energy Star - Water Cooler	363	kWh/unit per year
Energy Star Server	42,473	kWh/unit per year
Exhaust Hood Makeup Air	41,428	kWh/unit per year
Faucet Aerators	105	kWh/unit per year
Floating Head Pressure Control	1,074	kWh per ton per year
Hot Food Holding Cabinets - Commercial	10,821	kWh/unit per year
Hot Water (SHW) Pipe Insulation	11	kWh/per linear foot per year
Hotel Key Card Room Energy Control System	782	kWh per room per year
Infiltration Control (Caulking, Weather Stripping, etc.)	5	Window/door Sq Ft
Insulation (Duct) (Unconditioned Spaces)	4.33	kWh linear foot per year
Insulation (Duct) (Unconditioned Spaces)	6.99	kWh linear foot per year
Insulation (Wall)	2.60	kWh wall square foot per year
Low Flow Spray Head	289	kWh spray head per year
Low-Flow Showerhead	167	kWh showerhead per year
Motor - Fan System - Variable Speed Control	524	kWh per horsepower (HP) per year
Motor - Pump System - Variable Speed Control	456	kWh per horsepower (HP) per year
Motors Rewind	19	kWh per horsepower (HP) per year
Night Covers for Refrigerated Display Cases	405	kWh/unit per year
Office Computer Network Energy Management software	88	kWh per managed computer per year
Optimized Variable Volume Lab Hood Design	19,028	kWh per hood per year
PC Power Supply 80+ Office Measure	27.5	kWh per power supply per year
Reduced Speed or Cycling of Evaporator Fans	4,263	kWh per horsepower (HP) per year
Refrigeration with Heat Recovery	3,964	kWh per ton- year
Refrigerator eCube	373	kWh/unit per year
Residential-Size Refrigerator	107	kWh/unit per year
Server (Early Retirement)	803	kWh/unit per year
Server Virtualization (4:1)	2,957	kWh/unit per year
Special Glass Doors for Refrigerated Reach-in Cases	98.25	kWh per linear foot per year
Strip Curtains for Freezer Walk-Ins	191	kWh/unit per year
Thermostat - Programmable controlling space cooling (Cooling DX)	0.051	per sqft on control area
Thermostat - Programmable controlling heat pump	0.168	per sqft on control area
Thermostat - Programmable controlling electric space heating	0.192	per sqft on control area
Time Clocks And Timers	0.075285	per controlled lighting watt
Refrigerated Vending Machine	1,751	kWh/unit per year
Water Heater Thermostat Setback	362	kWh/unit per year
Irrigation Pump Motor VFD	300	kWh per HP per year

Commercial (new construction) electric conservation rebate measures

Measure	kWh/year savings	Per
Anti-Sweat (Humidistat) Controls	49.61	kWh/year - linear foot of case
Automated Exhaust VFD Control - Parking Garage CO sensor	4,656	kWh/HP per year
Automated Ventilation VFD Control (Occupancy Sensors / CO2 Sensors)	0.549115	kWh/SQFT per year
Chiller - Advanced Technology	222.6	kWh per ton per year
Chiller - High Efficiency	77.2	kWh per ton per year
Commercial Reach-In Refrigerator	32.03	kWh/per year-cuft
Cooling Tower-Decrease Approach Temperature	71	kWh per chiller ton per year
Cooling Tower-Two-Speed Fan Motor	124	kWh per chiller ton per year
Cooling Tower-VSD Fan Control	159	kWh per chiller ton per year
Defrost Demand Control - Hot Gas	39.06	kWh/compressor HP per year
Dishwashing - Commercial Chemical System	6,347	kWh/unit per year
Refrigerated Display Cases	86.17	kWh per linear foot-year
Energy Star - Computer	102.5	kWh computer per year
Energy Star - Copiers	1,129	kWh copier per year
Energy Star - Fax	113	kWh/unit per year
Energy Star - Printers	135	kWh/unit per year
Energy Star - Scanners	186	kWh/unit per year
Energy Star - Water Cooler	363	kWh/unit per year
Energy Star Server	42,473	kWh/unit per year
Exhaust Hood Makeup Air	40,767	kWh/unit per year
Faucet Aerators	104	kWh/unit per year
Floating Head Pressure Control	1,074	kWh per ton per year
Hot Food Holding Cabinets - Commercial	10,954	kWh/unit per year
Hotel Key Card Room Energy Control System	782	kWh per room per year
Low-Flow Showerheads	166	kWh showerhead per year
Motor - Fan System - Variable Speed Control	524	kWh per horsepower (HP) per year
Motor - Pump System - Variable Speed Control	456	kWh per horsepower (HP) per year
Night Covers for Display Cases	405	kWh/unit per year
Office Computer Network Energy Management software	88	kWh per managed computer per year
Optimized Variable Volume Lab Hood Design	19,028	kWh per hood per year
PC Power Supply 80+ Office Measure	27.5	kWh per power supply per year
Reduced Speed or Cycling of Evaporator Fans	4,263	kWh per horsepower (HP) per year
Refrigeration - Commissioning	533	kWh ton per year
Refrigeration with Heat Recovery	3,964	kWh per ton- year
Refrigerator eCube	138	kWh/unit per year
Residential-Size Refrigerator	107	kWh/unit per year
Special Glass Doors for Refrigerated Reach-in Cases	98.25	kWh per linear foot per year
Strip Curtains for Freezer Walk-Ins	191	per sqft of curtain
Refrigerated Vending Machine	1,751	kWh/unit per year
Water Heater Thermostat Setback	361	kWh/unit per year

Residential (existing construction) electric conservation rebate measures

	Measure		kWh savings	Per
1	Canned Lighting Air Tight Sealing		77	kWh/can per year
2	Clothes Dryer With Moisture Sensor		139	kWh per unit per year
3	Cool Roofs		162	kWh per home per year
4	R-11 (Steel Doors with foam core)		694	kWh per unit per year
5	R-5 (Composite Doors with foam core)		462	kWh per unit per year
6	Weather stripping and door sweep for two doors (front & back)		505	kWh per unit per year
7	Energy Star Dehumidifiers		54	kWh per unit per year
8	Energy Star DVD System		28	kWh per unit per year
9	Energy Star Office Computer		138	kWh per unit per year
10	Energy Star TV		32	kWh per unit per year
11	Faucet Aerators	0.5 GPM	82	kWh per unit per year
12	Faucet Aerators	1.5 GPM	34	kWh per unit per year
13	Faucet Aerators	2.2 GPM	38	kWh per unit per year
14	Energy Star Stand-alone Freezer		44	kWh per unit per year
15	Heat_Pump - Ground or Water-Source (Desuperheater)		1,236	kWh per unit per year
16	Hot Water Pipe Insulation		7	kWh/linear foot per year
17	Insulation (Basement - Wall) 2*4		1.08	kWh/sqft per year
18	Insulation (Ceiling/Attic)		5	kWh/sqft per year
19	Duct Sealing		2,003	kWh per unit per year
20	Low-Flow Showerheads		56	kWh per unit per year
21	Wall-Switch Occupancy Sensors		224	kWh per unit per year
22	Outlet Gasket		231	kWh per unit per year
23	Pool Pump Timers		751	kWh per unit per year
24	Proper Sizing - Central Air Conditioner		47	kWh per unit per year
25	Proper Sizing - Heat Pump		754	kWh per unit per year
26	Refrigerator/Freezer - Energy Star		95	kWh per unit per year
27	Thermostat - Clock/Programmable		0.261748	kWh/sqft of control area per year
28	Water_Heater Tank Blanket/Insulation		146	kWh per unit per year
29	Water_Heater Thermostat Setback		134.38	kWh per unit per year

Residential (new construction) electric conservation rebate measures

	Measure	kWh savings	Per
1	High-Efficiency Clothes Dryer With Moisture Sensor	139	kWh per unit per year
2	Cool Roofs	146	kWh per home per year
3	R-11 (Steel Doors with foam core)	692	per/unit per year
4	R-5 (Composite Doors with foam core)	461	per/unit per year
5	Ductless Mini-Split Heat Pump	3,394	kWh/ton per year
6	Energy Star Dehumidifiers	54	kWh per unit per year
7	Energy Star DVD System	28	kWh per unit per year
8	Energy Star Office Computer	138	kWh per unit per year
9	Energy Star TV	32	kWh per unit per year
10	Faucet Aerators 0.5 GPM	82	kWh per unit per year
11	Faucet Aerators 1.5 GPM	34	kWh per unit per year
12	Energy Star Stand-alone Freezer	44	kWh per unit per year
13	Heat_Pump - Ground or Water-Source (Desuperheater)	1,236	kWh per unit per year
14	Low-Flow Showerheads	56	kWh per unit per year
15	Wall-Switch Occupancy Sensors	224	kWh per unit per year
16	Pool Pump Timers	751	kWh per unit per year
17	Refrigerator/Freezer - Energy Star	95	kWh per unit per year
18	Thermostat - Clock/Programmable	0.366203	kWh/sqft of control area per year
19	Water_Heater Thermostat Setback	134	kWh per unit per year

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-032 Regarding: Residential and Commercial Electric Savings
Witness: Joe Schwartzenberger

Please explain in detail how the percentage split between each of the residential and commercial DSM resources that were acquired in the 2012-2013 Program Year, as shown on Table B of Exhibit__(_WMT-1) Updated provided with your 2013 testimony, have been estimated. Please provide all supporting documents, work papers and calculations.

RESPONSE (November 7, 2014):

Table B of Exhibit__(WMT-1) 2012-13 Tracker 12mth Actual Electric DSM Savings UPDATED FINAL 111813_values only in PSC-001b of Docket No. D2013.5.33 shows the percentage splits for each of the residential and commercial DSM resources. These percentages were calculated based on the claimed energy savings for that program during the time period July 1, 2012 through June 30, 2013. Most programs do not require calculations because they are specific to either the residential or commercial sector.

The list of programs that do not require calculations are included in the table below.

USB + DSM Programs	Energy Savings Split	
	% Residential	% Commercial
E+ Business Partners Program	0%	100%
E+ Irrigation	0%	100%
E+ Commercial Lighting Rebate Program	0%	100%
E+ Residential Lighting Programs	100%	0%
Builder Operator Certification	0%	100%
Energy Star 80 Plus Program	0%	100%
E+ Free Weatherization Program & Fuel Switch	100%	0%
Energy Star New Homes Program	100%	0%
E+ Residential NC Electric Rebate Program	100%	0%
E+ Residential EX Electric Rebate Program	100%	0%
E+ Commercal NC Electric Rebate Program	0%	100%
E+ Commercial EX Electric Rebate Program	0%	100%

Refer to the attached spreadsheet "MCC-032 % Splits using 2012-2013 REDACTED Tracker 12 mth actual FINAL" in the "MCC-032" folder on the CD attached to MCC-019 for calculations specific to the following programs: E+ Energy Audit for the Home or Business (Elec), Northwest Energy Efficiency Alliance (NEEA), and E+ Renewable Energy Program.

MCC-032 cont'd

E+ Energy Audit for the Home or Business (Elec)

The residential and commercial percentages are calculated on tab "E+ Audit 12.13", cells F97 and E97, respectively. The residential percentage is calculated by adding the electric savings from the residential energy audits performed from July 1, 2012 through June 30, 2013 in cells E75, E68, and E53 and dividing them by the total electric savings in cell A97. The calculation is included below.

Residential percentage = (E75+E68+E53)/A97
= (197,910 + 569,699 + 285,916) / 1,312,959 = 80%

The commercial percentage is calculated by adding the electric savings from the commercial energy audits performed from July 1, 2012 through June 30, 2013 in cell E87 and dividing it by the total electric savings in cell A97. The calculation is included below.

Commercial percentage = E87/A97 = 259,434 / 1,312,959 = 20%

Northwest Energy Efficiency Alliance (NEEA)

The residential and commercial percentages are calculated on tab "NEEA 12.13", cells H4 and I4, respectively. The residential percentage is calculated by converting the electric and natural gas savings to British Thermal Units (BTUs) and adding the BTU savings from the residential NEEA program in cells I11 through I21 and I34 and dividing them by the total BTU savings in cell I35. The calculation is included below.

Residential percentage = (SUM(I11:I21)+I34)/I35
= (154,638,378 + 0 + 94,604,835 + 14,998,640,636 + 0 + 0 + 1,072,373,858 + 1,889,977,860 + 808,159,007 + 16,604,253,533 + 1,524,969,906 + 31,187,520) / 38,216,912,357 = 97%

The commercial percentage is calculated by converting the electric and natural gas savings to British Thermal Units (BTUs) and adding the BTU savings from the commercial NEEA program in cells I22 through I33 and dividing them by the total BTU savings in cell I35. The calculation is included below.

Commercial percentage = SUM(I22:I33)/I35 = 0 + 0 + 0 + 0 + 0 + 0 + 0+ 0 + 0 + 0 + 0 + 1,038,106,823 / 38,216,912,357 = 3%

MCC-032 cont'd

E+ Renewable Energy Program

The residential and commercial percentages are calculated on tab "RE Jul. 1, 12 thru Dec. 31, 12", cells L124 and M124, respectively. The residential percentage is calculated by adding the electric savings from the residential renewable program from July 1, 2012 through June 30, 2013 in cell L123 and dividing it by the total electric savings in 'E+ Renewable_12.13'!F19. The calculation is included below.

Residential percentage = R18 + R98+R119 + 'RE Jan. 1, 13 thru Mar. 31, 13'!W14 + 'RE Jan. 1, 13 thru Mar. 31, 13'!W26 + 'RE Apr. 1, 13 thru Jun 30, 13'!W20 + 'RE Apr. 1, 13 thru Jun 30, 13'!W43
= L123 / 'E+ Renewable_12.13'!F19
= 41,733 +281,873 + 77,086 + 35,570 + 23,849 + 69,405 + 78,249
= 607,764 / 891,982 = 68%

The commercial percentage is calculated by adding the electric savings from the commercial renewable program from July 1, 2012 through June 30, 2013 in cell M123 and dividing it by the total electric savings in 'E+ Renewable_12.13'!F19. The calculation is included below.

Commercial percentage = R19 + R99 + R120 + 'RE Jan. 1, 13 thru Mar. 31, 13'!W15 + 'RE Jan. 1, 13 thru Mar. 31, 13'!W27 + 'RE Apr. 1, 13 thru Jun 30, 13'!W21 + 'RE Apr. 1, 13 thru Jun 30, 13'!W44
=M123/'E+ Renewable_12.13'!F19
= 8,633 + 86,829 + 9,724 + 0 + 7,490 + 86,251 + 85,292
= 284,218 / 891,982 = 32%

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-033 Regarding: E+ Lighting Programs
Witness: Joe Schwartzenberger

In your 2013 testimony filed in this docket at pages WMT-9-11 you discuss new federal regulations relating to energy efficiency standards for lighting technologies and how incandescent lighting products will be phased out. (a) What percentage of customers purchasing new lighting products in 2014 do you estimate would buy incandescent bulbs instead of CFLs without being persuaded to do so through NorthWestern E+ Lighting Rebate? (b) As the need to persuade customers to buy CFL phases out, would it be appropriate to phase out/reduce investment in the E+ Lighting Rebate program? Explain your answer.

RESPONSE (November 7, 2014):

a. NorthWestern is unable to provide an estimate. NorthWestern's E+ Lighting Rebate Program is not designed to persuade customers to purchase incandescent bulbs instead of CFLs.

b. If the need to persuade customers to buy CFLs phases out, it would be appropriate to phase out/reduce investment in the E+ Lighting Rebate Program. However, NorthWestern believes the need to persuade customers to buy CFLs exists now and will extend into the future, along with the need for future investment in the E+ Lighting Rebate Program. Standard efficiency incandescent bulbs are being phased out by new federal regulations. The lighting industry now offers a halogen incandescent bulb as a more efficient replacement technology for the phased-out standard efficiency incandescent bulb. As an example, a 72 watt halogen incandescent bulb is a direct replacement for the old 100 watt standard efficiency incandescent bulb and adheres to the federal requirements. A 27 watt CFL is a direct replacement for the old 100 watt standard efficiency incandescent bulb, and now the 72 watt halogen incandescent bulb. The average cost of halogen incandescent bulb is less than the appropriate replacement wattage CFL. To provide the same level of light, the halogen incandescent lamps use more electricity and have a shorter expected life than the appropriate replacement wattage CFL. NorthWestern intends to continue to offer CFL rebates to customers to persuade customers to buy CFLs rather than the less expensive but more energy intensive halogen incandescent bulbs. NorthWestern reduced the customer CFL rebate for $2.00 per CFL to $1.00 per CFL starting in 2014.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-034 Regarding: E+ Commercial DSM Programs
Witness: Joe Schwartzenberger

In your 2013 testimony filed in this docket at page WMT-13-14 you list the five firms working to acquire commercial sector DSM and the respective number of projects they have completed or expected to be completed during the 2012-13 tracker period. Please provide for each of the firms, the names of each of these projects.

RESPONSE (November 7, 2014):

See Attachment listing all electric conservation projects completed by each of the five firms during the time period of July 1, 2012 to June 30, 2013. The number of projects differs from the testimony presented in Docket No. D2013.5.33, pages WMT 13-14 because the testimony referenced both projects that were complete or expected to complete at that time. Other projects not accounted for in the testimony were completed by certain firms earlier than anticipated.

Vendor = CTA Architects Engineers

Completed electric conservation projects for the time period of 07/01/2012 - 06/30/2013

Count	Project Name
1	St. Vincent Healthcare #1
2	Missoula Nissan
3	St. Vincent Healthcare #2
4	Women's Club - Phase 1
5	Women's Club - Phase 2
6	Pioneer Medical Center - Pump System VFD's
7	Montana Farmers Union Insurance - Fan System VFD's
8	Community Hospital of Missoula - Pump System VFD
9	Livingston School District- Park High - Roof Top Units - Fan System VFD's
10	Livingston School District- Park High - Aaon Unit - Fan & Pump System VFD's
11	Bozeman Deaconess Hospital - New Construction Pump & Fan System VFD's
12	Bozeman Deaconess Hospital - Existing Construction Fan System VFD's
13	Livingston School District - Park High School - AHU
14	University of Montana A/E 29-01-05-08
15	Van's Market IGA - Doored Refrigeration Cases
16	City Motors
17	Stillwater Hospital - Fan & Pump System VFD's
18	Blackfoot Building - Custom Induction
19	Albertsons #2030

Vendor = Energy Resource Management (ERM) Inc

Completed electric conservation projects for the time period of 07/01/2012 - 06/30/2013

Count	Project Name
1	Missouri River WTP and Eureka Pump Station
2	City of Butte - Butte Silver Bow Metro Sewer Plant
3	Town of Manhattan - Fire Station
4	Missoula Wastewater Treatment Plant (reduced SOW)
5	Town of Manhattan - Pump System VFD - Phase 1
6	Town of Manhattan - Northside Pump Station - Pump System VFD
7	Town of Manhattan - Southside Pump Station - Pump System VFD
8	Town of Manhattan Waste Water Treatment Plant - Custom VFD Project
9	Town of Manhattan - Northside Pump Station - Exterior Wall Insulation
10	Town of Manhattan - Pump House 3 - Exterior Wall Insulation
11	Town of Manhattan - Southside Pump Station - Exterior Wall Insulation
12	Graymont Western US Inc (Compressed air system)
13	Kolar Tire & Auto
14	Canyon Ferry Mini Basket
15	Iron Workers Local 732 MT JATC
16	General Distributing Co

Vendor = McKinstry Essention

Completed electric conservation projects for the time period of 07/01/2012 - 06/30/2013

Count	Project Name
1	Great Falls Public Schools - Chief Joseph Elementary
2	Great Falls Public Schools - West Elementary
3	Great Falls Public Schools - Sacajawea Elementary
4	Great Falls Public Schools - Riverside Elementary
5	Great Falls Public Schools - Valley View Elementary
6	Great Falls Public Schools - Meadowlark Elementary
7	Great Falls Public Schools - Lewis & Clark Elementary
8	Great Falls Public Schools - Morningside Elementary
9	Great Falls Public Schools - Mountain View Elementary
10	Great Falls Public Schools - Loy Elementary
11	Great Falls Public Schools - Lincoln Elementary
12	Great Falls Public Schools - Longfellow Elementary
13	Great Falls Public Schools - Whittier Elementary
14	Great Falls Public Schools - Sunnyside Elementary
15	Great Falls Public Schools - Roosevelt Elementary
16	Montana City School - Fan System VFD's
17	Butte High School - Pump System VFD's
18	Great Falls Public Schools - North
19	Great Falls Public Schools - Skyline
20	Great Falls Public Schools - Great Falls High School
21	Great Falls Public Schools - East Middle School
22	Great Falls Public Schools - C. M. Russell
23	Montana State University - 1 Bobcat Circle - 5 HP Fan System VFD
24	Montana State University - 1 Bobcat Circle - 5 HP & 1.5 HP Fan System VFDs
25	Montana State University - 100 Hannon Hall - Fan System VFDS
26	Montana State University - Louise Shunk Daycare
27	Montana State University - Family Housing Office
28	Montana State University - Brick Breeden Fieldhouse
29	Montana State University - Swingle Health Center
30	Montana State University - Marga Hosaeus Fitness
31	Montana State University - Cooley Lab - 20 HP Fan System VFD's
32	Montana State University - Cooley Lab - 10 HP Motor - pump VFD's
33	Montana State University - Cooley Lab - Cooling Tower VFD Fan Control
34	Montana State University - Cooley Lab - 20 HP motor - pump system VFD's
35	Montana State University - Cooley Lab - Optimized Lab Hood Design
36	Montana State University - Cooley Lab - 7.5 HP Motor-pump system VFD's
37	City of Billings – Billings International Airport (15 HP)
38	City of Billings – Billings International Airport (10 HP)
39	City of Billings – Billings International Airport (3-20 HP)

Vendor = McKinstry Essention

40 Hamilton School District #3 - Washington Elementary - Pump System VFD's

41 Montana State University – 100 Johnstone Center (Two 7.5 HP Fan System VFDs)

42 Hamilton School District #3 - Washington Elementary - Fan System VFD's

Vendor = Portland Energy Conservation Incorporated (PECI)

Completed electric conservation projects for the time frame of 07/01/2012 - 06/30/2013

Count	Project Name
1	Costco Store #0067 (refrigerated case LED door lighting)
2	Supervalu - Albertsons Store #2043
3	Castle's Market
4	Peoples Market Incorporated
5	Supervalu - Albertsons Store #2010
6	Supervalu - Albertsons Store #2020
7	Supervalu - Albertsons Store #2024
8	Supervalu - Albertsons Store #2004
9	Supervalu - Albertsons Store #2008
10	Supervalu - Albertsons Store #2038
11	Supervalu - Albertsons Store #2040
12	Supervalu - Albertsons Store #2022
13	Supervalu - Albertsons Store #2009
14	Supervalu - Albertsons Store #2037
15	Supervalu - Albertsons Store #2006
16	Supervalu - Albertsons Store #2035
17	Supervalu - Albertsons Store #2041
18	Supervalu - Albertsons Store #2047
19	Bozeman Community Co-Op (refrigerated case LED door lighting)
20	Supervalu-Albertsons #2030 (anti-sweat controls)
21	Albertsons Incorporated #2006 - Fan System VFD's
22	Albertsons Incorporated #2010 - Fan System VFD's
23	Albertsons Incorporated #2041 - Floating Head Pressure Control
24	Albertsons Inc #2041 - 3-8-13
25	Albertsons Inc #2038 - 3-8-13
26	Albertsons Incorporated #2035 - Fan System VFD's
27	Albertsons Incorporated #2043 - Fan System VFD's
28	Albertsons Incorporated #2004 - Fan System VFD's
29	Albertsons Incorporated #2008 - Fan System VFD's
30	Albertsons Incorporated #2008 FHC
31	Albertsons Incorporated #2004 FHC

Vendor = National Center for Appropriate Technology

Completed electric conservation projects for the time frame of 07/01/2012 - 06/30/2013

Count	Project Name
1	VA Medical Center - Lab
2	U of M Bio-Research Building - Rev 1
3	U of M Western - PE Building (2nd scope of work, 1st cancelled)
4	U of M Western - IT Woods (2nd Scope of Work, 1st Scope Cancelled)
5	U of M Western - Block Hall (2nd Scope of Work, 1st Scope Cancelled)
6	Hamilton City Hall - Annex Building (REVISED FINAL SOW)
7	Montana Tech - HPER Complex
8	U of M Skaggs Building
9	Montana Department of Transportation - Headquarters Building
10	Montana State Hospital - old steam boiler plant building demo
11	Montana State Hospital - Hot Water Boiler Plant (REVISED FINAL SOW)
12	U of M - Missoula campus DHW system upgrade at various building
13	U of M - Helena COT - Donaldson Campus HVAC retrofit
14	MSU - Bozeman campus - Leon Johnson Building
15	City of Bozeman - Shops Complex (REVISED FINAL SOW)
16	U of M Rankin Hall (Phase 2)
17	U of M Liberal Arts Building (Phase 2)
18	U of M - PAR-TV Building (Phase 2)
19	U of M - Social Sciences (Phase 2)
20	U of M - Various Buildings Across Campus (Phase 3)
21	Yellowstone Boys & Girls Ranch - Metal Barn - MODIFIED FINAL SOW
22	Rocky Mountain College - Prescott Hall (REVISED FINAL SOW)
23	Rocky Mountain College -Tech Hall (REVISED FINAL SOW)
24	Rocky Mountain College - RimView Hall (REVISED FINAL SOW)
25	Rocky Mountain College - Alden Hall (REVISED FINAL SOW)
26	Rocky Mountain College - Eaton Hall (REVISED FINAL SOW)
27	Rocky Mountain College - Anderson Hall (REVISED FINAL SOW)
28	Rocky Mountain College - Student Union (REVISED FINAL SOW)
29	Rocky Mountain College - Tyler Hall (REVISED FINAL SOW)
30	Rocky Mountain College - Library (REVISED FINAL SOW)
31	Montana State Prison - Low D, Low Gym, MVB, TAG
32	Rocky Mountain College - Losekamp Hall (REVISED FINAL SOW)
33	Helena Job Service Center - A&E 2011-42-01
34	Discount Smoke Shop
35	Metals Bldg (UM Western) - (**PREVIOUSLY CANCELLED PROJECT)**
36	Pondera Community Center
37	Double Tree Hotel - Phase 2
38	NorthWestern Energy Service Center (REVISED FINAL SOW)
39	Cottonwood Center
40	U of M College of Technology West - Building 452
41	U of M College of Technology West - Building 453

Vendor = National Center for Appropriate Technology

42	NorthWestern Energy Service Center - Mecanics Shop
43	Parkview Elementary School
44	Dillon Middle School
45	John D. Myles - irrigation project
46	Billings Sign Service
47	Atonement Lutheran Church (REVISED FINAL SOW)
48	Advanced Management Ldt. Unit C
49	Anaconda-Deer Lodge County Head Start (REVISED FINAL SOW)
50	Draught Works LLC - Final SOW
51	Sand Electric
52	Red Lodge Rural Fire District Station 71
53	East Side Elementary School
54	Glasgow High School
55	Crowne Plaza - Phase 2
56	Hawthorne School (new and existing high efficiency design measure)
57	Crowne Plaza - Phase 3
58	Lindley Park Center
59	A+ Storage
60	Bison Motor Company
61	City of East Helena - Fire Hall
62	Quarry Brewing
63	Metra Park
64	U of M Helena College of Technology - Donaldson Campus
65	Empire Heating & Cooling
66	ProBuild Total Project
67	Bill Hamilton 4H Building
68	Kelsey Ranch
69	Little Folks Daycare - Infant Care (Final SOW)
70	Little Folks Daycare - Final SOW
71	Mountain View Co-Op
72	Kanta Products Inc
73	Quality Inn & Suites - Phase 2
74	MSU Great Falls College of Technology
75	Great Falls Tractor & Equipment
76	Arnold Kallestad (Irrigation Pump VFD)
77	Harrington Bottling Co. - 900 & 500 Warehouse - REVISED FINAL SOW
78	Harrington Bottling Co. - Warehouse 1000 - REVISED FINAL SOW
79	Ranger Dykema - Irrigation Pump VFD
80	Advanced Management Ltd. - Unit B
81	Hardin Middle School - Auditorium
82	Copper King Hotel & Convention Center - Phase 1 (REVISED FINAL SOW)
83	Billings Public Schools - Big Sky Elementary (Fan System VFD)
84	Billings Public Schools - Newman Elementary (Pump System VFD's)
85	Rocky Mountain College - Rocky Hall
86	John Schutter Jr - Irrigation Pump VFD
87	Big Stone Colony - Phase 2 (Pump System VFD)

Vendor = National Center for Appropriate Technology

88	Big Stone Colony - Phase 3 (Pump System VFD)
89	Rocky Mountain College - Fortin & Fortin Gym/Pool Combined (FINAL SOW)
90	MAACO (REVISED FINAL SOW)
91	Lolo Super Stop (Custom Induction Lighting Project)
92	Big Equipment Co
93	Mountain Water Company
94	Ole's Country Store #2 - Custom Induction Lighting Project
95	Ole's Jumbo Jackpot Casino - Custom Induction Lighting Project
96	Harrington Bottling Co. - 400 Warehouse
97	Harrington Bottling Co. - Loading & Welding
98	One Way Marine & Motor Sports Inc - Energy Star Server
99	Vigilante Bison LLC - Irrigation Pump VFD
100	City of Billings - Airport Highway #3
101	Briggs Distributing - Occupancy Sensors - REVISED FINAL SOW
102	METG-UBMC Water Treatment
103	I-90 Auto Truck - Custom Induction Lighting Project
104	Dillon Middle School - Pump System VFD's
105	Van Motors - Wash Bay
106	Guardian Apartments
107	Harrington Bottling Co - 100 Mix, Syrup, & Contac
108	Weidenarr Ranches Inc - Pump System VFD
109	Commodities Warehouse
110	Barnard Construction Company Inc.
111	Helena Job Service Center - A&E 2011-42-01 - Fan System VFD's
112	MT Dept of Transportation (Helena Headquarters Shop) - A&E 2010-31-02-03 - Pump System VFDs
113	Hillcrest Colony - Main Meter - Existing Construction
114	MT Dept Public Health & Human Service - MT Development Center - Fan System VFDs
115	Hillcrest Colony - Main Meter - New Construction
116	Hillcrest Colony - Feed Mill - New Construction
117	Humane Society of Western Montana
118	Billings Headstart
119	Fic's Kwik Six (Fickler Oil Company) - Custom Induction Lighting
120	Larchmont Golf Course - Irrigation Pump VFD (100 hp)
121	Larchmont Golf Course - Irrigation Pump VFD (100 hp & 15 hp)
122	Muralt's Travel Plaza - Custom Induction Lighting
123	Days Inn Airport - Custom Induction Lighting
124	U of M - Skaggs Hall
125	Port of Montana - Maintenance Shop
126	Port of Montana - Fire System Building
127	Port of Montana - UPS
128	Port of Montana - Timber Roots
129	Port of Montana - Amarr Garage
130	City of Lewistown - Library (REVISED FINAL SOW)
131	City of Lewistown - Civic Center (REVISED FINAL SOW)
132	City of Lewistown - City Hall (Revised FINAL SOW)
133	MSU - Sherrick Hall

Vendor = National Center for Appropriate Technology

134	MSU - Marsh Lab
135	NorthWestern Energy - Service Center in Billings
136	Montana Developmental Center
137	Billings Senior High School
138	First Interstate Bank - Bozeman (revised SOW)
139	MSU-Billngs - Student Union Building
140	Park Place Health Care Center
141	Mountain View Colony
142	Palace Apartments - Lobby Area
143	Palace Apartments - Common Area
144	Lisac's Tri-Stop and Casino
145	Helena Industries - Box Plant
146	City of Billings - Park 1 Parking Facility
147	City of Billings - Park 2 Parking Facility
148	Wimps Body Works (Revised FINAL SOW)
149	Helena Industries - Bench Mark/Mail Center
150	CCCS - Dining Connections
151	Canadian American Structured Solutions Inc (REVISED FINAL SOW)
152	Jim Dusenberry - Irrigation project
153	Copper King Hotel & Convention Center - Phase 2
154	Martin Real Estate Holdings (Baker Transfer and Storage)
155	City of Townsend - Fire Hall (FINAL SOW)
156	City of Townsend - Lift Station (FINAL SOW)
157	City of Townsend - Swimming Pool (FINAL SOW)
158	City of Townsend - City Hall (FINAL SOW)
159	City of Townsend - City Shop (FINAL SOW)
160	Hellgate Lions Club
161	NWE Butte GO (2nd & 3rd Floor Hall) Beehive
162	Archie Cochrane Ford
163	Leininger Ranch - Irrigation
164	Milledge Muffler & Brake - REVISED SOW
165	Milledge Muffler & Brake - Shop
166	Blue Rock Distributing
167	Simms Fishing Products LLC Revised SOW
168	Yellowstone Country Club
169	Broadwater County Jail
170	Broadwater County Courthouse
171	Deano's Travel Plaza
172	Golden Glow Auto Detailing
173	Harrington Bottling Co - Production & Fill Room
174	Crop Production Services
175	Hellgate Conoco - Custom Induction Lighting Project
176	Brandon Office Space
177	Glasgow School District - Automated Ventilation
178	Fleet Wholesale Supply Co
179	Crofts Irrigation - Helena

Vendor = National Center for Appropriate Technology

180	Taco Bell - North Reserve Missoula - Custom Induction
181	KT's Hayloft Saloon
182	Montana State University Bozeman - Leon Johnson Hall - Pump System VFD's
183	Selstad Sod Farm
184	City of Havre
185	Carriage House Car Wash (Custom Induction)
186	Pro Build
187	L&C County 228 Broadway Server
188	L&C County 316 N Park Server#1
189	L&C County 316 N Park Server#2
190	L&C County 3402 Cooney Server
191	L&C County ITS 2108 E Custer Server
192	Missoula City Hall
193	U.S. Bank National Association
194	Kairos Center - 47 N 15th St
195	Park 4 Parking Garage - Billings 401 Joint Venture - HE Lighting Design
196	Rehbein Ford - Custom Induction
197	MSU Billings - PE Building GYM
198	Vester Inc (Corporate Tech Group)
199	Rimrock Art & Frame
200	Marcus Daly Memorial Hospital Corporation - hospital
201	Marcus Daly Memorial Hospital Corporation - Physician's Clinic
202	Logan Intl Airport - Operations Center - HE Design
203	Hayloft Equipment - Custom Induction
204	MSU-Billings-State of MT-pump system VFDs
205	Pro Repair
206	First Interstate Bank
207	Fairhaven Colony - 50HP Pump System VFD
208	Fairhaven Colony - 3HP Fan System VFD
209	Chinook Windows
210	Ennis School District - Elementary School Fan System VFD's - New Construction
211	Battershell Properties - 2800 Billings Ave
212	Battershell Properties - 2802 Billings Ave
213	Battershell Properties - 2804 Billings Ave
214	Battershell Properties - 2806 Billings Ave
215	Battershell Properties - 2808 Billings Ave
216	Battershell Properties - 2810 Billings Ave
217	Battershell Properties - 2812 Billings Ave
218	Battershell Properties - 2814 Billings Ave
219	Battershell Properties - 2816 Billings Ave
220	Battershell Properties - 2818 Billings Ave
221	Battershell Properties - 2820 Billings Ave
222	Battershell Properties - 2822 Billings Ave
223	Battershell Properties - 2824 Billings Ave
224	Battershell Properties - 2826 Billings Ave
225	Battershell Properties - 2828 Billings Ave

Vendor = National Center for Appropriate Technology

226	Helena School District 1 - 100 Valley Dr - Energy Star Computer, Fax, Printer, Scanner
227	Helena School District 1 - 1300 Billings Ave - ES Computer, Copier, Fax, Printer Scanner
228	Helena School District 1 - 1025 N Rodney - ES Servers
229	Helena School District 1 - 1300 Livingston Ave - ES Computer, Printer
230	State of Montana - Mitchell Building - Fan System VFD
231	First Interstate Bank - Helena - Lyndale Avenue
232	Montana Fish Wildlife & Parks - Various Locations
233	YMCA Building
234	NorthWestern Energy - Columbus
235	Carriage House Car Wash (T5 Retrofit)
236	City of Havre - Server
237	Sweet Grass County Fire Dept
238	Tri State Truck & Equipment Inc
239	State of Montana - Mitchell Building
240	Cottonwood Center
241	Battershell Properties (2700)
242	Battershell Properties (2700 HSMT)
243	Battershell Properties (2702)
244	Battershell Properties (2704)
245	Battershell Properties (2706)
246	Battershell Properties (2708)
247	Battershell Properties (2710)
248	Battershell Properties (2712)
249	Battershell Properties (2714)
250	Battershell Properties (2716)
251	Battershell Properties (2718)
252	Battershell Properties (2720)
253	Battershell Properties (2722)
254	Lewis & Clark County ITS - 316 N Park Server Virtualization 1
255	Lewis & Clark County ITS - 316 N Park Server Virtualization 2
256	Battershell Properties (2800) #HSMT
257	Al Chaffee Tires
258	Rehbein Ford
259	Dunphy Block
260	Springwater Colony
261	Battershell Properties - 2920 #F
262	Battershell Properties - 2920 #A
263	Battershell Properties - 2920 #B
264	Battershell Properties - 2920 #D
265	Battershell Properties - 2920 #E
266	Battershell Properties - 1005 A
267	Battershell Properties - 1005 B
268	Battershell Properties - 1005 C
269	Battershell Properties - 2920 #C
270	Billings Central High School
271	Missoulian

Vendor = National Center for Appropriate Technology

272	Gary & Leo's Fresh Foods
273	Intermountain Childrens Home
274	Battershell Properties 2920 #H
275	University of Montana - Missoula/State of Montana AE #29-01-05-03

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-035 Regarding: Northwest Energy Efficiency Alliance (NEEA)
Witness: Joe Schwartzenberger

In your 2013 testimony filed in this docket at page WMT-14 you state that energy savings from NEEA activities total 0.38 a MW during the 2012-13 tracker period. Please provide a detailed explanation on how this 0.38 a MW savings were calculated, including all supporting documents and work papers.

RESPONSE (November 7, 2014):

In the 2013 testimony filed in Docket No. D2013.5.33, page WMT-14, the energy savings from NEEA activities was incorrectly reported as 0.38 aMW during the 2012-13 tracker period. The correct savings for NEEA activities during the 2012-13 tracker period is 1.43 aMW, which includes the Commercial 80 Plus NEEA initiative. See the Attachment for an explanation on how the 1.43 aMW of savings attributed to NorthWestern Energy customers was calculated by NEEA and see the "MCC-035" folder on the CD attached to MCC-019 for the NEEA calculations.

Memorandum

May 22, 2013

TO: Deb Young, NorthWestern Energy Program Consultant, David, Bausch, NorthWestern Energy Senior Engineer

CC: Stephanie Rider, Senior Manager, Planning; Susan Hermenet, Director, Research, Planning & Evaluation

FROM: Christina Steinhoff, Planning Analyst III

SUBJECT: 2012 Annual Savings Report

The Northwest Energy Efficiency Alliance (NEEA) is a non-profit organization that accelerates the innovation and adoption of energy-efficient products, services, and practices in the Northwest. NEEA is supported by Energy Trust of Oregon, Bonneville Power Administration (Bonneville), and more than 100 Northwest utilities on behalf of 12 million energy consumers.

NEEA has multiple value streams associated with its work; but the focus of this memo is on the final 2012 estimate of electric energy savings for the NorthWestern Energy (NorthWestern). The attached Excel spreadsheet details the calculations

2012 Savings Summary

NEEA estimates NorthWestern's 2012 share of annual electric energy savings associated with its initiatives is 1.4 aMW (Table 1). These savings are above the NEEA baseline[1] and not counted as by NorthWestern through its local programs.[2] NEEA allocates the savings to NorthWestern's service area based on the most granular data available.

[1] NEEA estimates Baseline as the savings that would have occurred without NEEA, utility, the Bonneville Power Administration, and the Energy Trust of Oregon's market intervention.

[2] NorthWestern annually reports to NEEA the units it claims through local programs. NEEA removes these units from its savings calculation in order to avoid double-counting savings.

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Table 1: 2012 Annual Report Savings Results

NEEA = Northwest Energy Efficiency Alliance

		Electric kWh/yr Savings	Natural Gas dKt/yr Savings
1	Residential - Energy Star - Dishwashers	26,992	63
2	Residential - Energy Star - Refrigerators	-	-
3	Residential - Energy Star - CFL Bulbs	27,719	-
4	Residential - Energy Star - Specialty CFL Bulbs	4,394,562	-
5	Residential - Energy Star - Windows	-	-
6	Residential - Energy Star Clothes Washers	-	-
7	Residential - Energy Star - New Construction	103,371	720
8	Residential - Single-Family Codes	117,971	1,487
9	Residential - Multi-Family Codes	198,189	132
10	Residential Energy Star Television	4,865,003	-
11	Residential Ductless Heat Pump	446,812	-
12	Commercial 80+ Power Supply (reported below)	-	-
13	Commercial - Building Operator Certification Program	-	-
14	Commercial - Commissioning of Public Building	-	-
15	Commercial - Verdiem	-	-
16	Commercial - Better Bricks	-	-
17	Commercial- Lighting	-	-
18	Industrial - Evaporative Fan Variable Frequency Drive	-	-
19	Industrial - Magna Drive	-	-
20	Industrial - Industrial Efficiency Alliance (IEA)	-	-
21	Industrial - Drive Power	-	-
22	Industrial (irrigation) - AM 400 Data Logger	-	-
23	Code and Standards - Energy codes 1997 - 2011	241,138	215
24	Residential Heat Pump Water Heaters	9,138	-
	Totals	10,430,895	2,616
	2012 MWH savings	10,431	
	2012 aMW savings	1.19	
	2012 dKt savings	2,616	

Note: Commercial 80+ reported separately

		Electric kWh/yr Savings	Natural Gas dKt/yr Savings
1	Commercial - 80 Plus	2,076,158	-
	Totals	2,076,158	-
	2012 MWH savings	2,076	
	2012 aMW savings	0.24	
	2012 dKt savings	-	

Variance from Prior Reports

2012 Draft

The 2012 Net Market Effects estimate increased from the March 2013 report by approximately 0.29 aMW. NEEA received final sales data for Residential Lighting and baseline estimates for Commercial Desktop Power Supplies after the annual report, leading to the increase savings.

Key Assumptions

The key assumptions are:

- Baseline: NEEA uses the NEEA Baseline, which is developed through third-party research. This baseline represents the market adoption of the efficient product or behavior without market intervention from NEEA and local programs.
- Technical Assumptions: This report uses a variety of sources to estimate the savings rates including third-party research, the Regional Technical Forum, and data collected by contractors. The Cost Effectiveness Advisory Committee vets these technical assumptions annually. The only exception is for CFLs. As requested by NorthWestern, NEEA applied NorthWestern's technical assumptions for hours of use.
- Net Market Effects: NEEA nets out savings already claimed through local programs prior to reporting Net Market Effects. These local programs savings come from estimates by NorthWestern.
- Funder Allocation: NEEA allocates savings to NorthWestern's service area using the most granular data available, which can range from regional to service territory. The "Index" tab in the attached spreadsheet describes the allocation methodology in more detail.
- Site Base: NEEA only reports site-based savings. Funders can add line loss savings to the totals.
- Calendar Year: NEEA collects and reports data by calendar year.

Report Design

Each Excel contains an Index tab. This worksheet provides background information to support the savings results provided in the Funder Report Table (Figure 2).

Please Contact Christina Steinhoff at 503-688-5427 with any questions about the spreadsheet.

Service Territory: Uses state, zip code (place of use or point of sale) or service territory data.
Funder Share: Uses funding share of NEEA to allocation savings.

Savings Rate: Uses savings rate based on best available data (reviewed by third party)

Retirements: Units that are replacing units that NEEA has already tracked (based on measure life).

Net Market Effects: electric savings not counted as Baseline or Local Programs (Net Units multiplied by the savings rate converted to aMW)

Figure 1: Illustration of Report Detail Worksheet

Year	Current Phase (Initiative Lifecycle)	Sector	Initiative	Measures	Allocation Methodology	Allocation Share	Comments	NEEA Savings Rate (kWh/ unit)	Regional Units	Tracked Units Allocated to Funder	Local Programs Units	NEEA Baseline	Retirements	Net Units	Net Market Effects (aMW)	Total Regional Savings (aMW)
2012		5 Commercial	Commercial: Healthcare	Healthcare	Funder Share	8.67%	For Savings from Current Investments: 8.7% For Savings from Previous Investments: 6.4%	8,760,000.0	0	0	0.0	0	-	0	0.00	0.02
2012		6 Residential	Residential: Lighting	Lighting - Specialty	Funder Share	6.42%	For Savings from Current Investments: 8.7% For Savings from Previous Investments: 6.4%	23.5	3,888,860	249,665	232,114.6	47,241	19,404	13,124	0.04	0.62
2012		5 Residential	Residential: Televisions	Television Energy Star 5.1+20%	Funder Share	8.67%	For Savings from Current Investments: 8.7% For Savings from Previous Investments: 6.4%	27.0	373,585	32,388	-	2,870	-	29,518	0.09	0.10

Phase 5: Implementation
Phase 6: Monitoring
(Initiatives in phases prior to five have a high variability in their forecasts).

Allocation Share: Share of the regional savings based on the allocation methodology.

Comments: Details about the allocation methodology.

Tracked Units Allocated to Funder: Allocation Share multiplied by the Regional Units.

Local Program Units: Units claimed by Bonneville, the Energy Trust of Oregon, and local utilities.

Net Units: Units net of Retirements, Baseline and Local Programs Units.

Note: these numbers are for illustration purpose only.

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NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-036 Regarding: 2013-2014 Modifications to DSM Programs
Witness: Joe Schwartzenberger

In your 2013 testimony filed in this docket at pages WMT-25-26 you discuss adjustments that NorthWestern has made or is in the process of making to its DSM Programs. In reference to the use of SBW-derived deemed energy savings, please provide a list of all prescriptive rebates measures and programs that were adjusted by using the SBW-derived deemed energy savings, indicating the new value and the previous value, and the reason why NorthWestern believes that the new value better reflects actual savings.

RESPONSE (November 7, 2014):

See Attachment for a list of all deemed savings prescriptive rebates measures, by program, that were adjusted by SBW. SBW updated many of the measure deemed savings values using more current ENERGY STAR® calculators, including the ENERGY STAR Office Equipment, Appliance, Kitchen Equipment, and Consumer Electronics calculators. Other measure deemed savings were updated based on actual customer project inspections and savings analysis, or SBW judgment. It is NorthWestern's practice to use the most current measure savings, cost, and life derived by consultants as a replacement for previous consultant analysis. Current analysis takes into account building code changes, federal regulation changes, updated measure analysis by other parties, equipment manufacturer changes, etc. The 2012 SBW Programs Evaluation Report is more current than the 2010 Nexant Electric Potential Assessment study.

MCC-036

Program	Measure Name	Pre-SBW UES	Post-SBW UES	Units
E+ Commercial Existing Electric Rebate Program	Energy Star Computer	102.50	133.27	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Energy Star Fax	113.41	46.12	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Energy Star Server	42,472.67	1,637.62	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Energy Star Printer	104.85	121.06	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Energy Star Copier	1,129.28	119.45	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Energy Star Scanners	187.38	2.57	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Server (Early Retirement)	803.06	1,464.93	kWh/yr-unit
E+ Commercial Existing Electric Rebate Program	Motor - Fan System - Variable Speed Control	455.81	523.54	kWh/yr-HP
E+ Commercial Existing Electric Rebate Program	Motor - Pump System - Variable Speed Control	456.24	456.24	kWh/yr-HP
E+ Commercial New Construction Electric Rebate Program	Commercial Reach In Refrigerator	32.03	18.64	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Computer	102.50	133.27	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Fax	113.41	46.12	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Server	42,472.67	1,637.62	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Printer	104.85	121.06	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Copiers	1,129.28	119.45	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Energy Star Scanners	187.38	2.57	kWh/yr-unit
E+ Commercial New Construction Electric Rebate Program	Motor - Fan System - Variable Speed Control	455.81	523.54	kWh/yr-HP
E+ Commercial New Construction Electric Rebate Program	Motor - Pump System - Variable Speed Control	456.24	456.24	kWh/yr-HP
E+ Residential Existing Electric Rebate Program	High Efficiency Clothes Dryer With Moisture	139.00	107.70	kWh/yr-unit
E+ Residential Existing Electric Rebate Program	Refrigerator or Freezer Energy Star	95.29	117.70	kWh/yr-unit
E+ Residential Existing Electric Rebate Program	Freezer Stand Alone	44.44	50.52	kWh/yr-unit
E+ Residential Existing Electric Rebate Program	Insulation Above Grade R-0 to R-13	2.41	2.55	kWh/yr-sqft
E+ Residential Existing Electric Rebate Program	Insulation Below Grade R-0 to R-13	1.08	1.81	kWh/yr-sqft
E+ Residential New Construction Electric Rebate Program	High Efficiency Clothes Dryer With Moisture	139.00	107.70	kWh/yr-unit
E+ Residential New Construction Electric Rebate Program	Refrigerator or Freezer Energy Star	95.29	117.70	kWh/yr-unit
E+ Residential New Construction Electric Rebate Program	Freezer Stand Alone	44.44	50.52	kWh/yr-unit
E+ Energy Audit for the Home or Business	A1 Audit	240.00	172.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	AP Audit	240.00	172.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	AR Audit	114.00	82.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	D Audit	1,514.00	1,083.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	DR Audit	1,388.00	993.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	E Audit	602.00	430.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	ER Audit	476.00	340.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	F Audit	755.00	540.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	FR Audit	629.00	450.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	G1 Audit	490.00	350.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	GR Audit	364.00	260.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	H Audit	1,437.00	1,027.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	HR Audit	1,311.00	937.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	M Audit	602.00	430.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	O2 Audit	852.00	609.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	P1 Audit	629.00	172.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	PP Audit	490.00	172.00	kWh/yr-audit
E+ Energy Audit for the Home or Business	R Audit	126.00	90.00	kWh/yr-audit
Energy Star New Homes Program	CFL Lighting	3.70	2.02	hours/day
E+ Residential Lighting Programs	CFL Lighting	3.70	2.02	hours/day
E+ Commercial Lighting Rebate Program	CFL Lighting	6.14	3.70	hours/day
Builder Operator Certification	Level 1/Level 2 Participant	0.40	0.24	kWh/yr-sqft

UES = Unit Energy Savings

MCC-037 Regarding: DSM Activities
Witness: Joe Schwartzenberger, part a / Joe Janhunen, part b

a) Do you agree that nowadays Energy Savings products are widely promoted and customers are being more conscious about their choices to purchase or to make energy saving improvements in their homes? If not, explain your answer.

b) When NWE estimates future demand, does NWE take into account the reduction of energy demand that is due to the changes in the behavior of customers over time that is not caused by the Company's DSM programs? Please fully explain your answer.

RESPONSE (November 7, 2014):

a. Yes, I generally agree with the statement. I also believe that NorthWestern's DSM programs and Montana Power Company's programs before that – which have been offered in one way, shape or form over the past 36 years – have had a significant impact on increasing customer awareness regarding energy efficiency improvements.

b. Yes. As explained in the Prefiled Direct Testimony of Joe Janhunen on page JSJ-6, the total usage for the Residential and GS-1 Secondary classes is based on models that predict annual usage for each group as a function of, among other things, historical usage per customer. This process reflects changes in customer behavior over time.

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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-041 Regarding: 2012/2013 Colstrip IV
Witness: Mike Barnes

During the months of May and June 2013, Colstrip IV delivered about 30% less than other months. Does the output for these months take into account the scheduled maintenance that took place in May and June 2013? Also, please explain in detail how the output in these two months is calculated, and provide all the data, and supporting workpapers for this calculation.

RESPONSE (November 7, 2014):

Yes. NorthWestern does not calculate output for Colstrip Unit 4. It is based on metered data.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-042 Regarding: 2012/2013 DGGS
Witness: Frank V. Bennett

Please explain in detail the reasons why the actual output in February 2013 for DGGS was 29,580 Mwh, while during the other months it was between 5,040 and 5,208 Mwh (the equivalent to 7 Mw per month assigned to default supply), as shown on Exhibit__(FVB-1)12-13 Updated, page 3 of 5.

RESPONSE (November 7, 2014):

The volumes reported were incorrect and should have shown 4,704 to reflect the 7 aMW actually received.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-043 Regarding: 2012/2013 Spion Kop
Witness: Frank V. Bennett

Please explain in detail the reasons why the actual output for Spion Kop in May and June is considerably less (around 40% lower) than in the previous months.

RESPONSE (November 7, 2014):

The generation output from wind is variable and these months reflect the variable atmospheric conditions.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-044 Regarding: 2012/2013 On-System Transactions
Witness: Frank V. Bennett

a) In reference to your Exhibit__(FVB-1)12-13 Updated, page 3 of 5, please provide the list of providers (and quantities for each) included in Other non-QF and Competitive Solicitations.

b) Mr. Markovich shows in his 2013 testimony in this docket at page KJM-9 a list of new electric supply resources added to NWE's portfolio; please identify for each of the new resources where they are included under On System Transactions (or elsewhere if applicable) in Exhibit__(FVB-1)12-13 Updated, page 3 of 5.

RESPONSE (November 7, 2014):

a. The following table shows the Other non-QF providers and quantities. The competitive solicitation providers are PPL Montana and TransAlta who each provided 25 MW per hour on-peak.

Other Non-QF Providers and Quantity

Month	Turnbull Hydro LLC	Tiber Montana LLC	Total
Jul-12	9,512	4,822	14,334
Aug-12	6,564	4,757	11,321
Sep-12	3,590	5,010	8,600
Oct-12	0	5,524	5,524
Nov-12	0	3,933	3,933
Dec-12	0	11,769	11,769
Jan-13	0	3,921	3,921
Feb-13	0	11,832	11,832
Mar-13	0	3,863	3,863
Apr-13	0	3,600	3,600
May-13	4,593	3,720	8,313
Jun-13	8,193	3,600	11,793

MCC-044 cont'd

b. Spion Kop is a rate-based asset and only generation volumes from that facility are included in Exhibit__(FVB-1)12-13 Updated in the on system transactions, fixed price, rate based assets section under the label "Spion Kop". The remainder of the resources listed are included in the on system transactions, fixed price, base fixed price purchases, under the label "QF-1 Tariff Contracts."

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-045 Regarding: 2012/2013 Basin Creek
Witness: Kevin Markovich

Please explain in detail the reasons why Basin Creek output for the 2012/2013 tracker period was only 26,234 Mwh in contrast with the expected output of 30.684 Mwh as indicated in the previous tracker filing (Docket D2012.5.49).

RESPONSE (November 7, 2014):

30,684 MWh was the forecast of Basin Creek output at the beginning of the tracker period. Actual output was 26,234 MWh. Actual market conditions, including natural gas and electricity prices, loads, transmission issues, etc., determined how often Basin Creek was dispatched.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-046 Regarding: 2012/2013 Basin Creek Fixed Costs
Witness: Frank V. Bennett

Please explain in detail the reasons why the fixed costs of Basin Creek in November 2012 and the costs for May 2013 are much higher than the costs in the other months.

RESPONSE (November 7, 2014):

This reflects the addition of property taxes paid during those months.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-048 Regarding: 2012/2013 Lost Revenue Adjustment
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment of -$16,341 for the month of June 2013, line 121 of your Exhibit__(FVB-1)12-13 Updated, page 4 of 5.

RESPONSE (November 7, 2014):

The DSM Lost Revenue adjusted value updates the original values used for Lost Revenues described in the Prefiled Rebuttal Testimony of William M. Thomas in Docket No. D2012.5.49.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-049 Regarding: 2012/2013 CU4 Tracking Period
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment of -$34,821 for the month of June 2013, line 52 of your Exhibit__(FVB-4)12-13 Updated, page 2 of 2.

RESPONSE (November 7, 2014):

See the response to Data Request MCC-048.

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Montana Consumer Counsel (MCC)
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Data Requests received October 24, 2014

MCC-051 Regarding: 2012/2013 DGGS Tracking Period
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment of $73,584 for the month of June 2013, line 82 of your Exhibit__(FVB-6)12-13 Updated, page 2 of 2.

RESPONSE (November 7, 2014):

See the response to Data Request MCC-048.

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Montana Consumer Counsel (MCC)
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Data Requests received October 24, 2014

MCC-052 Regarding: Basin Creek Operating Protocol
Witness: Kevin J. Markovich

In reference to your 2014 testimony at page KJM-6, lines 1-6:

a) Please provide in electronic format with all links intact Basin Creek's economic dispatch for the most recent 36 months available.

b) Please provide all documents produced by or produced for Northwestern relating to the analysis of Basin Creek generation resource operating protocol ordered by Commission's Order No. 7219h.

RESPONSE (November 7, 2014):

a. That information is included in the exhibits to the Prefiled Direct Testimony of Frank V. Bennett in this docket for the tracker period covered by this docket.

b. That analysis is currently being worked on and when completed it will be filed with the Montana Public Service Commission.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-053 Regarding: Basin Creek Operating Protocol
Witness: David Fine

Please explain whether the renewable capacity described in your 2014 testimony at page KJM-6, lines 8-17, as well as the additional CREP resources NWE expects to solicit in a 2014 RFP, are part of the 239 MW potential RPS contracts you mentioned in your 2013 testimony at page KJM-8 in this docket.

RESPONSE (November 7, 2014):

The 239 MW referenced in 2013 testimony excluded additional CREP resources. The resources comprising the 239 MW value included:

Resource	MW
Judith Gap	135
Turnbull Hydro*	13
Spion Kop	40
Musselshell	10
Musselshell II	10
Two Dot Wind Farm	9.72
Gordon Butte*	9.6
Fairfield Wind	9.5
Flint Creek*	2
Lower South Fork*	0.455
Total	239.275

*Eligible CREP

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-054 Regarding: June 2013 RFP
Witness: Kevin J. Markovich

In reference to your 2014 testimony at page KJM-8, lines 1-4, please provide a table showing the results of the completed June 2013 Request for Proposal process, showing description of the products offered, type, provider, quantity, price, period, and whether the specific product was contracted by NorthWestern or not.

RESPONSE (November 7, 2014):

Below are the contracts that were entered into by NorthWestern as part of the May 2013 RFP. The RFP was conducted in May 2013 and contracts were executed in June 2013.

May 2013 RFP – TransAlta
Term: 2015
Volume: 25 MW
Price: $39.50
Type: Firm On-peak
Delivery: Mid C

May 2013 RFP – TransAlta
Term: 2016
Volume: 25 MW
Price: $41.40
Type: Firm On-peak
Delivery: Mid C

May 2013 RFP – TransAlta
Term: 2017
Volume: 25 MW
Price: $43.35
Type: Firm On-peak
Delivery: Mid C

May 2013 RFP – TransAlta
Term: 2015
Volume: 25 MW
Price: $29.75
Type: Firm Off-peak
Delivery: Mid C

MCC-054 cont'd

May 2013 RFP – TransAlta

Term:	2016
Volume:	25 MW
Price:	$31.50
Type:	Firm Off-peak
Delivery:	Mid C

May 2013 RFP – TransAlta

Term:	2017
Volume:	25 MW
Price:	$33.25
Type:	Firm Off-peak
Delivery:	Mid C

May 2013 RFP – Iberdrola

Term:	2015
Volume:	75 MW
Price:	$39.90
Type:	Firm On-peak
Delivery:	Mid C

May 2013 RFP – Iberdrola

Term:	2016
Volume:	50 MW
Price:	$41.85
Type:	Firm On-peak
Delivery:	Mid C

May 2013 RFP – Iberdrola

Term:	2017
Volume:	25 MW
Price:	$43.70
Type:	Firm On-peak
Delivery:	Mid C

May 2013 RFP – Iberdrola

Term:	2015
Volume:	50 MW
Price:	$29.95
Type:	Firm Off-peak
Delivery:	Mid C

MCC-054 cont'd

May 2013 RFP – Iberdrola

Term:	2016
Volume:	25 MW
Price:	$31.90
Type:	Firm Off-peak
Delivery:	Mid C

May 2013 RFP – PPL

Term:	Jul 2014 – Dec 2014
Volume:	200 MW
Price:	Mid C Index less $1.65
Type:	Firm On-peak
Delivery:	NWE System

May 2013 RFP – Powerex

Term:	July 2014 – Dec 2015
Volume:	50 MW
Price:	Mid C Index less $2.00
Type:	Firm On-peak
Delivery:	NWE System

May 2013 RFP – Powerex

Term:	July 2014 – Dec 2015
Volume:	50 MW
Price:	Mid C Index less $3.50
Type:	Firm Off-peak
Delivery:	NWE System

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-055 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

In your 2014 testimony at pages KJM-9 and KJM-10, you state: "During the almost seven-month outage, NorthWestern used market purchases and its Basin Creek generating resource to replace the lost production." Please provide a break down of the daily replacement MWhs provided by Basin Creek during this seven months outage.

RESPONSE (November 7, 2014):

See attached generation from Basin Creek during the generator outage.

NorthWestern cannot verify what portion of this constitutes replacement power.

Deal Number	Counterparty	Year	Month	Transaction Type	Market	Pricing Type	Date	MW01	MW02	MW03	MW04	MW05	MW06	MW07	MW08	MW09	MW10	MW11	MW12	MW13	MW14	MW15	MW16	MW17	MW18	MW19	MW20	MW21	MW22	MW23	MW24
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/1/2013	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/2/2013	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/7/2013	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35	35	35	0	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/8/2013	0	0	0	0	0	0	0	0	0	0	0	0	18	35	35	35	35	35	35	35	35	35	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/9/2013	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/10/2013	0	0	0	0	0	0	0	0	0	0	30	30	35	35	35	35	35	35	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/11/2013	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/12/2013	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/14/2013	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/15/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	0	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/16/2013	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	25	25	25	25
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/18/2013	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/19/2013	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/20/2013	35	35	35	35	35	35	0	0	0	0	30	35	35	35	35	35	35	0	0	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/21/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	15	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/22/2013	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/23/2013	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/24/2013	35	35	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/25/2013	0	0	0	0	0	0	0	10	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/26/2013	0	0	0	0	0	35	35	35	35	0	35	35	35	35	35	35	35	35	35	35	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/27/2013	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	0	0	0	35	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/28/2013	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	25	25	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/29/2013	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/30/2013	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	July	Purchase	NWMT	Fixed	7/31/2013	35	35	35	35	35	35	35	35	41	41	46	46	46	46	46	46	46	46	28	0	0	0	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/1/2013	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/2/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	35	30	18	35	35	33	0	0	0
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/3/2013	0	0	0	0	0	0	0	0	0	0	0	29	34	32	0	0	31	0	0	0	0	0	0	1
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/4/2013	4	0	0	0	0	0	0	0	0	1	32	35	35	35	50	52	38	35	35	35	46	46	46	43
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/5/2013	3	0	0	0	0	0	0	0	0	14	34	34	34	35	11	0	1	0	32	34	34	34	30	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/6/2013	34	5	0	0	34	34	34	34	34	34	34	34	34	35	35	35	35	35	35	34	23	23	23	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/7/2013	35	35	35	35	35	35	33	0	0	30	35	35	35	35	35	30	29	33	35	35	35	35	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/8/2013	34	34	34	34	34	34	34	34	33	34	34	40	40	40	40	40	40	40	40	39	40	40	40	40
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/9/2013	40	40	40	40	37	37	34	34	34	34	34	34	34	34	39	40	40	39	35	40	30	29	29	29
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/10/2013	28	0	0	0	0	0	0	0	0	28	34	34	34	34	34	34	35	35	35	32	0	0	0	0
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/11/2013	0	0	0	0	0	0	0	0	1	34	35	34	31	33	35	34	34	35	35	35	35	34	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/12/2013	28	0	0	0	0	33	34	34	34	34	35	35	35	35	34	35	35	10	0	0	0	0	0	0
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/13/2013	0	0	0	0	0	0	0	0	32	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/14/2013	35	34	34	33	29	33	33	0	14	35	35	32	33	35	30	34	34	34	34	35	35	34	33	31
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/15/2013	34	35	35	35	35	35	35	35	35	35	35	34	34	33	33	33	33	32	33	33	34	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/16/2013	35	35	35	35	35	35	35	35	35	35	35	34	33	32	32	32	32	32	33	34	34	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/17/2013	35	31	23	19	0	0	0	0	0	0	33	35	35	34	34	34	34	34	34	34	34	34	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/18/2013	34	34	34	34	31	16	0	0	0	0	32	35	34	34	34	34	33	34	34	34	35	35	35	33
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/19/2013	34	8	0	0	0	0	2	22	23	34	34	34	33	34	33	33	44	35	33	34	34	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/20/2013	35	31	0	0	0	0	0	0	0	0	34	35	32	31	34	34	34	35	1	1	34	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/21/2013	34	34	34	34	36	34	34	1	0	0	32	35	35	35	34	47	35	34	33	33	34	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/22/2013	35	35	34	34	35	32	29	0	0	33	34	34	34	32	33	34	35	34	34	34	31	37	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/23/2013	34	34	34	2	0	0	0	0	16	36	34	34	34	34	34	34	34	34	16	5	34	1	0	0
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/24/2013	0	0	0	21	23	23	4	0	0	0	0	33	34	34	34	35	34	34	35	34	34	34	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/25/2013	34	34	34	34	32	0	0	0	16	30	34	36	50	35	34	34	34	34	34	35	35	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/26/2013	34	34	34	34	34	34	34	33	34	34	34	35	35	35	35	34	34	34	33	35	34	34	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/27/2013	34	27	0	0	0	32	34	34	34	34	34	34	35	35	34	34	34	34	35	34	34	34	34	34
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/28/2013	34	34	34	34	34	35	35	33	35	35	35	35	35	34	34	34	34	35	6	0	32	34	34	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/29/2013	34	1	0	0	0	0	30	35	34	34	35	35	34	34	34	32	31	31	0	0	0	31	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/30/2013	6	0	0	0	0	0	0	0	32	35	35	35	35	34	34	34	34	34	34	35	35	35	35	35
31198	BSNCR-E	2013	August	Purchase	NWMT	Fixed	8/31/2013	35	4	0	0	0	0	0	0	0	0	0	0	32	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/1/2013	34	0	0	0	0	0	0	0	0	0	28	35	35	34	33	33	31	31	32	30	34	35	35	35
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/2/2013	31	0	0	0	0	0	0	0	0	24	33	35	35	35	35	35	35	35	35	44	37	35	35	35
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/3/2013	35	10	0	0	0	0	0	0	9	35	35	35	35	34	35	34	34	34	32	34	34	35	35	35
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/4/2013	35	35	35	35	35	35	35	35	35	35	35	35	46	46	46	45	45	45	46	46	46	46	46	46
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/5/2013	46	35	35	35	35	35	35	35	44	35	36	35	46	46	46	46	19	0	33	34	34	35	46	12
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/6/2013	1	16	0	0	1	34	35	35	33	35	37	36	34	34	33	33	33	31	34	34	34	34	34	34
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/7/2013	34	34	35	19	0	0	0	0	1	34	35	34	34	35	34	34	34	35	34	34	34	34	34	34
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/8/2013	34	34	34	37	34	35	34	34	35	34	34	35	35	35	35	35	35	35	35	35	35	35	34	35
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/9/2013	18	0	0	0	0	0	0	0	0	0	0	27	35	35	35	35	35	35	35	35	35	35	35	35
33847	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/9/2013	0	0	0	0	0	0	0	0	35	0	35	0	0	0	0	0	0	0	0	0	35	0	0	0
31198	BSNCR-E	2013	September	Purchase	NWMT	Fixed	9/10/2013	35	34	35	34	34	34	34	35	35	34	34	35	35	34	35	35	35	35	35	34	35	35	35	35

33869	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/10/2013	0	0	0	0	0	0	35	35	0	0	0	0	0	0	0	0	0	0	20	35	35	35	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/11/2013	35	35	35	35	35	35	34	35	35	35	37	35	32	34	34	34	34	34	34	34	34	35	35	35
33896	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/11/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/12/2013	35	35	35	35	35	34	34	35	35	35	35	35	34	34	35	33	33	34	34	35	35	35	35	35
33901	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/12/2013	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	30	25	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/13/2013	35	35	35	35	35	35	35	34	34	34	34	35	34	34	34	34	34	34	35	35	34	35	34	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/14/2013	35	35	35	34	30	0	0	0	0	0	0	0	0	0	0	0	0	0	6	34	35	35	35	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/15/2013	33	0	0	0	0	0	0	0	16	35	35	34	35	35	35	34	34	34	34	35	35	34	23	23
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/16/2013	22	0	0	0	0	16	32	35	35	35	35	35	35	35	35	35	24	0	0	24	35	35	35	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/17/2013	35	1	0	0	0	0	0	33	35	35	35	35	35	35	35	35	1	0	0	0	0	0	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/19/2013	0	0	0	0	0	0	0	0	31	35	35	35	36	34	33	35	35	35	35	35	35	35	35	32
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/20/2013	35	35	35	32	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/21/2013	35	35	35	35	35	35	35	3	0	29	35	35	35	35	35	35	35	35	35	34	33	35	35	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/22/2013	34	0	0	0	0	0	29	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
34031	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/22/2013	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/23/2013	35	35	35	35	35	35	35	35	35	35	35	36	33	39	40	35	35	37	37	35	35	35	35	31
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/24/2013	0	0	1	23	29	35	35	35	35	35	35	35	35	35	38	35	33	35	35	35	35	34	37	30
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/25/2013	0	0	0	27	34	35	35	35	35	35	35	35	34	35	35	35	35	35	35	35	35	2	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/26/2013	0	0	0	0	1	34	33	33	33	35	35	35	35	35	35	34	35	35	35	35	35	35	33	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/27/2013	0	0	0	0	0	0	31	34	34	35	20	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/29/2013	0	0	0	0	0	0	0	0	0	0	11	29	0	0	0	0	0	0	33	30	33	33	32	35
31198	BSNCR-E	2013 September	Purchase	NWMT	Fixed	9/30/2013	34	1	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/1/2013	0	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/2/2013	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/3/2013	0	0	0	0	0	0	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/4/2013	0	0	0	0	0	34	35	35	35	35	35	35	35	35	35	35	35	17	17	13	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/6/2013	0	0	0	0	0	0	0	0	0	23	23	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/7/2013	0	0	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/8/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/9/2013	0	0	0	0	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/10/2013	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/11/2013	0	0	0	0	0	0	0	25	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/15/2013	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	13	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/17/2013	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/18/2013	0	0	0	0	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/19/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/20/2013	0	0	0	0	0	0	0	0	35	28	35	35	35	35	35	35	35	35	35	35	35	35	35	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/21/2013	0	0	0	0	0	35	35	35	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/22/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/23/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	23	0	0	0	0	35	35	35	35	35	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/24/2013	0	0	0	0	35	35	35	35	35	35	35	28	28	0	5	17	35	35	35	35	0	0	35	35
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/25/2013	35	0	0	0	0	35	35	35	35	35	35	35	0	0	0	0	0	0	35	35	35	35	35	35
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/26/2013	35	35	35	35	35	35	0	0	0	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/27/2013	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/28/2013	0	0	0	0	0	0	23	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/29/2013	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 October	Purchase	NWMT	Fixed	10/30/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/1/2013	0	0	0	0	0	35	35	35	35	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/3/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	16	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/4/2013	0	0	0	0	0	0	0	35	30	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/5/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/6/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/7/2013	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/8/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	0	0	0	0
34641	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/9/2013	0	0	0	0	0	0	0	0	0	35	35	35	35	0	0	0	0	25	23	35	35	0	0	0
34652	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/10/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/11/2013	0	0	15	22	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/12/2013	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/13/2013	0	0	0	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/14/2013	0	0	0	0	0	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/16/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/17/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/18/2013	0	0	0	0	0	0	35	35	35	35	0	0	0	0	0	0	35	35	35	35	35	35	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/19/2013	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/20/2013	0	0	0	0	0	23	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/21/2013	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/22/2013	0	0	0	0	15	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/23/2013	0	0	0	0	0	0	0	0	35	35	35	35	12	0	0	0	0	0	0	0	0	0	0	0

31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/24/2013	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/25/2013	0	0	0	0	35	35	35	35	35	35	35	0	0	0	0	0	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/26/2013	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/27/2013	23	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/28/2013	35	25	25	25	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/29/2013	0	0	0	0	0	35	35	35	35	35	35	35	0	0	0	0	35	35	35	35	35	35	0	0
31198	BSNCR-E	2013 November	Purchase	NWMT	Fixed	11/30/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	0	0	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/3/2013	0	0	0	0	0	0	0	29	35	35	42	36	35	33	38	32	31	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/4/2013	35	29	0	0	0	33	35	34	35	35	51	52	52	52	52	52	52	52	52	51	47	47	47	47
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/5/2013	47	47	47	46	47	47	46	35	35	37	36	34	3	0	0	0	0	0	0	23	35	35	7	14
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/6/2013	14	0	0	0	12	28	7	0	0	23	35	38	36	35	35	35	35	23	17	23	23	23	9	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/7/2013	0	33	0	0	16	35	35	35	35	34	1	0	0	0	0	0	0	3	5	22	33	34	34	34
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/8/2013	34	33	29	33	35	34	35	35	35	35	35	35	34	33	34	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/9/2013	35	35	35	35	35	35	35	35	41	35	38	52	37	35	35	35	35	35	35	35	35	34	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/10/2013	35	34	35	35	35	35	32	38	35	35	35	35	35	35	35	34	32	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/11/2013	37	35	35	35	35	35	35	35	35	35	35	35	35	38	35	35	35	36	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/12/2013	34	0	0	0	0	33	35	33	35	35	35	38	35	35	35	35	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/13/2013	35	3	0	0	0	4	34	35	35	34	35	35	35	35	8	0	22	30	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/14/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	35	35	0	0	0	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/15/2013	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	12
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/16/2013	13	1	0	0	0	0	0	11	12	19	25	29	29	13	0	0	0	21	23	33	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/17/2013	46	35	35	35	35	36	36	35	35	35	35	35	33	32	35	35	35	32	31	34	33	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/18/2013	35	1	0	0	0	0	0	0	0	0	31	38	39	35	33	29	34	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/19/2013	35	35	35	34	27	24	24	23	29	29	29	23	23	27	29	29	29	29	29	29	29	29	29	29
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/20/2013	29	29	29	29	29	29	29	29	29	29	29	29	28	28	25	25	31	29	34	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/21/2013	35	35	3	0	0	0	0	0	0	33	36	32	0	0	0	0	0	33	35	35	2	0	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/22/2013	0	0	0	0	0	0	0	0	0	0	27	30	29	29	34	35	35	35	35	35	42	38	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/23/2013	30	0	0	0	0	0	0	0	21	34	35	23	0	0	0	1	0	0	0	0	0	0	0	6
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/24/2013	5	0	0	0	9	17	31	35	35	35	35	35	35	35	35	35	35	35	35	35	35	4	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/25/2013	0	0	0	0	0	0	0	0	0	30	34	34	35	35	35	35	35	35	35	34	3	0	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/26/2013	0	0	0	0	0	25	35	35	35	20	4	0	0	0	0	0	0	25	35	35	35	27	16	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/27/2013	0	0	0	0	0	0	32	35	35	35	35	34	0	0	1	17	34	49	37	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/28/2013	35	4	0	0	0	0	0	0	0	0	0	0	0	0	0	21	35	35	35	35	35	35	35	35
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/29/2013	35	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	4	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/30/2013	0	0	0	0	0	33	35	35	35	35	35	35	35	35	1	0	0	0	0	0	0	0	0	0
31198	BSNCR-E	2013 December	Purchase	NWMT	Fixed	12/31/2013	0	27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	35	35	35	35	31	3
35339	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	35	33	30	29	4	0
35339	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/2/2014	0	0	0	0	0	0	0	0	17	23	28	29	29	12	0	1	10	29	29	29	29	29	8	0
35339	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/3/2014	0	0	0	0	0	28	29	31	30	29	29	29	29	1	0	0	0	0	0	16	35	35	35	35
35379	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/4/2014	35	35	35	35	35	35	35	35	35	35	2	0	0	0	0	0	0	29	35	35	35	35	35	35
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/5/2014	35	4	0	0	0	0	0	1	17	27	34	35	35	35	35	35	35	35	35	35	32	28	33	1
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/6/2014	0	0	0	0	0	33	35	35	6	0	0	0	0	0	0	0	0	0	28	33	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/7/2014	0	0	0	1	35	35	35	35	35	8	28	38	35	35	35	35	35	34	29	29	29	29	29	2
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/8/2014	0	0	0	0	0	0	25	29	16	0	25	1	0	0	0	0	0	0	17	23	22	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/9/2014	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	22	29	29	13	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/10/2014	0	0	0	0	0	0	32	31	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/12/2014	0	0	0	0	0	0	0	0	0	0	0	0	32	35	31	35	35	35	35	35	34	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/13/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	35	34	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/14/2014	0	0	0	0	0	0	0	30	35	35	35	35	10	6	6	5	0	0	0	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/15/2014	0	0	0	0	0	0	1	17	17	17	17	17	17	17	17	0	0	0	0	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/16/2014	0	0	0	0	0	27	33	37	36	35	35	35	35	35	35	35	35	35	35	35	7	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/17/2014	0	0	0	0	0	0	23	35	35	35	29	17	0	0	0	33	35	35	35	35	35	35	35	35
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/18/2014	23	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/19/2014	0	0	0	0	0	1	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/20/2014	0	0	0	0	0	1	34	35	35	35	35	35	35	28	0	0	0	0	34	28	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/21/2014	0	0	0	0	0	9	35	35	35	35	35	35	34	17	24	35	35	35	35	35	35	35	35	35
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/22/2014	35	6	0	0	0	21	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/23/2014	34	0	0	0	1	34	35	35	33	35	33	0	0	0	0	0	0	0	2	32	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/24/2014	0	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35418	BSNCR-E	2014 January	Purchase	NWMT	Fixed	1/26/2014	0	0	0	0	0	0	0	0	0	30	36	35	35	35	35	35	35	35	35	35	35	35	35	35

Total: 195 records

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-056 Regarding: Colstrip Unit 4 Outage
Witness: Kevin J. Markovich

In reference to your statement at page KJM-10, lines 15-17 of your 2014 testimony: "... mainly during low load times, customers benefitted from not having the Colstrip generation as NorthWestern did not have to sell excess supply off system."

a) Please explain in more detail why not having the Colstrip generation (and off system revenues therefrom) during low load times is a benefit to customers.

b) Please provide in electronic format the hourly MWhs that had to be replaced due to the outage.

RESPONSE (November 7, 2014):

a. At certain times during the year, mainly in the spring when loads are low and hydro generation is high, market prices for energy become negative, meaning an entity must pay another entity to buy its generation. When Colstrip 4 was offline due to the outage, there was no output subject to negative pricing.

b. See response to Data Request MEIC-19 in this docket.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-057 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Has NorthWestern been able to identify whose responsibility the CU4 outage is, and whether NorthWestern can purse any actions to recover all or part of the cost incurred by the outage? If Northwestern has not explored the possibility of identifying responsibility for the outage, please explain in detail why not. Also if NWE has in its possession any reports, analysis or documents performed by other parties that have looked at responsibility for the outage, please provide them.

RESPONSE (November 7, 2014):

As a result of property insurance proceeds offsetting most of the property damage costs, NorthWestern's $4.5M exposure to the $30M repair was equal to approximately $632,000 (our share of the deductible and some uncovered costs). No determination has been made regarding whether NorthWestern can pursue any actions to recover all or part of the cost incurred by the outage.

As for the portion of this request that seeks "reports, analysis or documents performed by other parties that have looked at responsibility for the outage," NorthWestern cannot respond at this time as the information is contained in the Root Cause Analysis completed collectively by independent outside consultants Ronald A. Halpern of Generator Consulting Services, Inc. and Robert Ward of Ward Electric Service Corporation. Siemens has advised NorthWestern that it intends to file a motion for protective order (Motion) regarding certain information within this document. Siemens indicated the Motion will be forthcoming. NorthWestern will provide an updated response to this data request to reflect the Commission's order regarding that Motion.

NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-058 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes / Joe Janhunen

Please explain in detail what Northwestern's position is regarding who should pay for the costs caused by the outage If the costs should be shared, please identify the parties that should share the costs and the share that each should bare of the cost caused by the outage.

RESPONSE (November 7, 2014):

Mike Barnes response: Property damage repair costs were primarily covered by property damage insurance; the owners of Colstrip Unit 4 (and PPLM through the Reciprocal Sharing Agreement) paid for the balance based on ownership percentage. (As previously stated, NorthWestern's share of the balance was $632,000.)

Joe Janhunen response: The original cost depreciated of any capital improvements will be included in a future CU4 fixed cost revenue requirement filing. Replacement power costs are included in NorthWestern's Application in this docket.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-059 Regarding: Colstrip Unit 4 Outage
Witness: Mike Barnes

Has NorthWestern been able to recover any of the cost of the outage through any type of insurance? Please provide a detailed response; including all efforts NorthWestern has pursued to minimize the cost of the outage to ratepayers.

RESPONSE (November 7, 2014):

Property damage insurance covered approximately $3.9M of NorthWestern's approximate $4.5M property damage cost.

NorthWestern concurred with the decision to furlough 36 PPL employees for 90 days (allowed per the labor bargaining agreement) during the outage to reduce costs. This resulted in an approximately $800,000 reduction to expense. (NorthWestern's share of the cost savings would be 15% of 800,000 or $120,000.)

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-060 Regarding: Table 1
Witness: Joe Schwartzenberger

Table 1 of your 2014 testimony shows how Electric Supply DSM program expenditures have been increasing as the total reported aMWs have increased for Program Year 1 to 8. However, in Program Year 9 (2012-13) and Year 10 (2013-14) Reported Program Results (aMW) are lower than the previous three years but Electric Supply DSM Expenditures are higher for those years. Please explain in detail the reasons why year expenditures for 2012-2013 and 2013-2014 are higher when reported results are lower than in previous years.

RESPONSE (November 7, 2014):

Reported savings for 2012-2013 and 2013-2014 are lower and the expenditures are higher than for the previous three years primarily because of interim adjustments made to reported savings for the E+ Residential Lighting Program (Program), and more particularly residential compact fluorescent lamps (CFL or CFLs). Residential CFLs make up a significant portion of NorthWestern's total DSM savings.

Savings for CFLs vary linearly with associated burn hours. NorthWestern used 3.7 burn hours per CFL per day to compute the reported savings for residential CFLs for 2009-2010, 2010-2011 and 2011-2012 (collectively the Three Previous Years) consistent with the program evaluation conducted by Nexant in 2007. The 2012 SBW evaluation determined that the overall burn hours for residential CFLs for the evaluation study period were 2.02 hours per CFL per day. NorthWestern used 2.02 burn hours per CFL per day to compute reported residential CFL savings for 2012-2013 and 2013-2014 resulting in a reduction of approximately 45% in savings on a CFL equivalent basis as compared to the Three Previous Years. The Program was responsible for more replacement CFLs in 2012-2013 and 2013-2014 than in the Three Previous Years and the Program costs were higher. However, due to the adjustment described above, the savings reported for the Program in 2012-2013 and 2013-2014 were significantly lower by comparison.

In addition, while both the reported savings and expenditures for the E+ Commercial Lighting Program were higher in 2012-2013 and 2013-2014 than for the Three Previous Years, the expenditures increased relatively more than the savings.

Finally, costs in general have increased over time putting upward pressure on the relative cost per unit of savings.

NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-061 Regarding: Reported Electric Savings from 2013/14
Witness: Joe Schwartzenberger

Please provide an electronic working copy, with all links intact, of the most recent updated version of 2014 Exhibit__(WMT-1), including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-061" folder on the CD attached to MCC-019 for Exhibit__(WMT-1) 2013-14 Tracker 12+0 Electric DSM Savings FINAL 091014 and the other D2014.5.46 exhibits accompanying the Prefiled Direct Testimony of William M.Thomas.

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Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-062 Regarding: Residential and Commercial Electric Savings
Witness: Joe Schwartzenberger

Please explain in detail how the percentage split between each of the residential and commercial DSM resources that were acquired in the 2013-2014 Program Year, as shown on Table B of your 2014 Exhibit__(WMT-1), have been estimated. Please provide all supporting documents, workpapers and calculations.

RESPONSE (November 7, 2014):

Table B of Exhibit__(WMT-1) 2013-14 Tracker 9+3 Electric DSM Savings final_values only in the Prefiled Direct Testimony of Willliam M. Thomas shows the percentage splits for each of the residential and commercial DSM resources. These percentages were calculated based on the claimed energy savings for that program during the 2013 Calendar year (January 1, 2013 through December 31, 2013). Most programs do not require calculations because they are specific to either the residential or commercial sector.

The list of programs that do not require calculations are included in the table below.

USB + DSM Programs	Energy Savings Split	
	% Residential	% Commercial
General Default Supply DSM Expenses	0%	0%
E+ Business Partners Program	0%	100%
E+ Irrigation	0%	100%
E+ Commercial Lighting Rebate Program	0%	100%
E+ Residential Lighting Programs	100%	0%
Builder Operator Certification	0%	100%
Energy Star 80 Plus Program	0%	100%
E+ Free Weatherization Program & Fuel Switch	100%	0%
Energy Star New Homes Program	100%	0%
E+ Residential NC Electric Rebate Program	100%	0%
E+ Residential EX Electric Rebate Program	100%	0%
E+ Commercal NC Electric Rebate Program	0%	100%
E+ Commercial EX Electric Rebate Program	0%	100%

Refer to the "MCC-062 2013 Calendar Year Lost Revenue Percentage Calcs for 2013-14 Tracker 9+3 050914" in the MCC-062 folder on the CD attached to MCC-019 for calculations specific to the following programs: E+ Energy Audit for the Home or Business (Elec), Northwest Energy Efficiency Alliance (NEEA), and E+ Renewable Energy Program.

MCC-062 cont'd

E+ Energy Audit for the Home or Business (Elec)

The residential and commercial percentages are calculated on tab "Audit", cells I87 and H87, respectively. The residential percentage is calculated by adding the electric savings from the residential energy audits performed from January 1, 2013 through December 31, 2013, in cell C88 and dividing it by the total electric savings in cell C90. The calculation is included below.

Residential percentage = C88/C90
= 1,233,803/ 1,435,382= 86%

The commercial percentage is calculated by adding the electric savings from the commercial energy audits performed from January 1, 2013 through December 31, 2013 in cell C89 and dividing it by the total electric savings in cell C90. The calculation is included below.

Commercial percentage = C89/C90= 201,579/ 1,435,382= 14%

Northwest Energy Efficiency Alliance (NEEA)

The residential and commercial percentages are calculated on tab "2013 NEEA", cells K39 and K40, respectively. The residential percentage is calculated by converting the electric and natural gas savings to British Thermal Units (BTUs) and adding the BTU savings from the residential NEEA program in cells I11 through I21 and I33 through I34 and dividing them by the total BTU savings in cell I37. The calculation is included below.

Residential percentage = (SUM(I11:I21)+SUM(I33:I34))/I35 = J39/I37
= (97,159,387 + 0 + 13,698,171 + 7,498,879,198 + 0 + 0 + 569,438,228 + 8,181,546,835 + 1,559,980,007 + 15,764,416,652 + 61,454,478 + 1,945,681,412 + 28,669,008) / 41,665,681,468 = 86%

The commercial percentage is calculated by converting the electric and natural gas savings to British Thermal Units (BTUs) and adding the BTU savings from the commercial NEEA program in cells I35 through I36 and dividing them by the total BTU savings in cell I37. The calculation is included below.

Commercial percentage = SUM(I35:I36)/I37
= 185,308,171 + 5,759,449,920 / 41,665,681,468 = 14%

MCC-062 cont'd

E+ Renewable Energy Program

The residential and commercial percentages are calculated on tab "Renewables", cells T166 and T165, respectively. The residential percentage is calculated by adding the electric savings from the residential renewable program from January 1, 2013 through December 31, 2013 in cell R166 and dividing it by the total electric savings in R159. The calculation is included below.

Residential percentage = SUMIF($P$3:$P$29,"R",$R$3:$R$29) +
SUMIF($P$32:$P$104,"R",$R$32:$R$104) +
SUMIF($P$107:$P$110,"R",$R$107:$R$110) +
SUMIF($P$112:$P$124,"R",$R$112:$R$124) = R166 / R159
= 424,923.948/ 730,915.128= 58%

The commercial percentage is calculated by adding the electric savings from the commercial renewable program from January 1, 2013 through December 31, 2013 in cell R165 and dividing it by the total electric savings in R159. The calculation is included below.

Commercial percentage = SUMIF($P$3:$P$29,"C",$R$3:$R$29) +
SUMIF($P$32:$P$104,"C",$R$32:$R$104) +
SUMIF($P$107:$P$110,"C",$R$107:$R$110) +
SUMIF($P$112:$P$124,"C",$R$112:$R$124) = R165 / R159
= 305,991.18 / 730,915.128= 42%

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-063 Regarding: E+ Commercial DSM Programs
Witness: Joe Schwartzenberger

In your 2014 testimony at pages WMT-15-16 you list the five firms working to acquire commercial sector DSM and the respective accomplishment to date. Please provide for each of the firms, the name and a brief description of each of these projects.

RESPONSE (November 7, 2014):

See the Attachment for a list of all electric conservation projects completed by each of the five firms during the time period of July 1, 2013 to June 30, 2014. The number of projects differs from the testimony presented in Docket No. D2014.5.46, pages WMT 15-16 because the testimony referenced both projects that were complete or expected to complete. Other projects not accounted for in the testimony were completed by certain firms earlier than anticipated.

Vendor = CTA Architects Engineers

BP = E+ Business Partners Program project
L = E+ Commercial Lighting Rebate Program project
ER = E+ Commercial Electric Rebate Programs

Completed electric conservation project for the time period of 07/01/2013 - 06/30/2014

Count	Project Name	Electric Project Type (BP, L or ER
1	Northstar Jet - Hanger 3 (SECOND MODIFIED SOW)	L
2	Bioscience Laboratories Inc - Pump & Fan System VFD's	ER
3	St Peters Hospital - Chilled Water Plant	BP
4	Goodwill Missoula - HE Design (New Construction)	L
5	USF Reddaway - Missoula (HE Design)	L
6	Ron's Auto Refinishers - HE Design (Revised SOW)	L
7	Dixon Building - HE Design	L
8	RTI Fabrication Inc - HE Design - Revised SOW	L
9	Loren's Carpet 1 - HE Design	L
10	Van's IGA Dillon	ER
11	Van's IGA Dillon - HE Design - New Construction	L
12	Bozeman Deaconess Hospital	ER
13	Billings Clinic - (2) 20 HP and (2) 7.5 HP Fan VFDs	ER
14	Northstar Jet - Main Building (HE Design) - FINAL SOW	L
15	St James Healthcare - VAV Conversion	BP
16	Billings Clinic - Kitchen exhaust hood project	BP
17	Ole's Country Store #2 - Pylon Sign - Custom Induction	BP
18	Helena - County Garage	L
19	Helena - Fair Main Restroom	L
20	Helena - Myrna Loy	L
21	Lincoln - Senior Center	L
22	Helena - Margaret Stuart	L
23	Helena - Snow Plow Fire	L
24	Lincoln - Hooper Park	L
25	Lincoln - Library	L
26	Helena - Courthouse	L
27	Helena - Road Bridge	L
28	Helena - Fair New Exhibit	L
29	Helena - Law Enforcement	L
30	Helena - Landfill	L
31	Helena - Fair Exhibit Bldg #3	L
32	Helena - Cemetary	L
33	Helena - Public Works Office	L
34	Augusta - Youth Center	L

Vendor = CTA Architects Engineers

35	Augusta - Library	L
36	Helena - Weed Office Shop	L
37	Helena - Shop Building	L
38	Helena - Library	L
39	Helena - Fair Multipurpose	L
40	Augusta - Senior Center	L
41	Augusta - Jail	L
42	Wolf Creek - Shop	L
43	Augusta - Shop	L
44	Lincoln - Jail and Shop	L
45	Pepsi Warehouse	L
46	Billings Clinic - Hangar 2421 - Revised SOW	L
47	Billings Clinic - Family Birth Center - (1) 15 HP & (1) 3 HP Fan VFD	ER
48	Billings Clinic - Cardiology - (1) 75 HP & (2) 7.5 HP Fan VFDs	ER
49	Ox Bow Ranch - 100 HP Irrigation VFD	ER
50	McCauley Ranches - 40 HP Irrigation VFD	ER
51	Reich Brothers - 40 HP Irrigation VFD	ER
52	Western Trade Center	L
53	Pepsi Warehouse #1 & #2 (HE Design)	L
54	B3 Dairy Incorporated	ER

Vendor = Energy Resource Management (ERM) Inc
BP = E+ Business Partners Program project
L = E+ Commercial Lighting Rebate Program project
ER = E+ Commercial Electric Rebate Programs

Completed electric conservation projects for the time period of 07/01/2013 - 06/30/2014

Count	Project Name	Electric Project Type (BP, L or ER
1	Patty Vossler	L
2	Nitro Green of Helena - Revised SOW	L
3	Montana Records Management LLP	L
4	Dr Pontiac Lerum Auto	L
5	Canyon Ferry Mini Basket (Custom LED)	BP
6	Gary's Auto Plaza	L
7	Door Systems of Montana	L
8	J&J Tire Factory	L
9	Capital City Tire Factory	L
10	Boilermakers Local II	L
11	Helena Hardwoods	L
12	Summit Stables	L
13	Pipsqeak	L
14	Montana Book Company	L
15	Montana Sulphur & Chemical Co 125HP Fan VFD	ER
16	Fastenal	L
17	Monroe's High Country Travel Plaza - Custom LED	BP
18	Montana Sulphur	BP

Vendor = McKinstry Essention

BP = E+ Business Partners Program project
L = E+ Commercial Lighting Rebate Program project
ER = E+ Commercial Electric Rebate Programs

Completed electric conservation projects for the time period of 07/01/2013 - 06/30/2014

Count	Project Name	Electric Project Type (BP, L or ER
1	Montana State University- 100 Hannon Hall	L
2	BMC West	L
3	BMC West (Mech Shop)	L
4	Montana Department of Transportation	ER
5	MSU Bozeman - Cooley Lab - HE Design	L
6	Montana Department of Transportation (MDT) - Main Bldg	L
7	Billings Federal Courthouse (1) 10 HP Fan VFD	ER
8	Billings Federal Courthouse (2) 20 HP Fan VFDs	ER
9	Billings Federal Courthouse (1) 25 HP Fan VFD	ER
10	Billings Federal Courthouse (1) 2 HP Fan VFD	ER
11	Billings Federal Courthouse (5) 15 HP Fan VFDs	ER
12	Billings Federal Courthouse (3) 3 HP Pump VFDs	ER
13	Billings Federal Courthouse (6) 10 HP Pump VFDs	ER
14	Billings Federal Courthouse .25 HP Fan VFD and 5 HP Pump VFD	ER
15	Billings Federal Courthouse (1) 7.5 HP Fan and (3) 7.5 HP Pump VFDs	ER
16	University of Montana - University Center (2) 5 HP Fan VFDs	ER
17	University of Montana - University Center 10 HP Fan VFD	ER
18	University of Montana - University Center 7.5 HP Fan VFD	ER
19	MSU Bozeman - Koch/Story Towers - HE Design	L
20	MSU Bozeman - Miller Dining Hall - HE Design	L
21	MSU Bozeman - Roskie Hall - HE Design	L
22	MSU Bozeman - South Hedges Hall	L
23	University of Montana - UC Center	L
24	Montana State University - North Hedges Residence (1) 5 HP (2) 2 HP VFDs	ER
25	University of Montana - University Center (3) 40 HP Pump VFDs	ER
26	University of Montana - University Center (2) 60 HP Pump VFDs	ER
27	University of Montana - University Center - Various Fan VFDs	ER
28	City of White Sulphur Springs - 60 HP Pump VFD	ER
29	MSU Bozeman - North Hedges Hall - HE Design	L
30	Billings Federal Courthouse - Cooling Tower VFD Fan Control	ER

Vendor = Portland Energy Conservation Incorporated (PECI)

BP = E+ Business Partners Program project

L = E+ Commercial Lighting Rebate Program project

ER = E+ Commercial Electric Rebate Programs

Completed electric conservation projects for the time frame of 07/01/2013 - 06/30/2014

Count	Project Name	Electric Project Type (BP, L or ER
1	Walgreen Co #10652 Anti-Sweat Controls	ER
2	Walgreen Co #12155 Anti-Sweat Controls	ER

Vendor = National Center for Appropriate Technology
BP = E+ Business Partners Program project
L = E+ Commercial Lighting Rebate Program project
ER = E+ Commercial Electric Rebate Programs

Completed electric conservation projects for the time frame of 07/01/2013 - 06/30/2014

Count	Project Name	Electric Project Type (BP, L or ER
1	Fairmont Hot Springs Resort	L
2	MSU - AJM Johnson Hall - Revised SOW	L
3	Northwestern Energy - Helena Service Center - Phase 2 - Revised SOW	L
4	Northwestern Energy - Bozeman Service Center	L
5	City of Helena - Civic Center & Fire Station # 1	L
6	City of Helena - City County Building	L
7	NorthWestern Energy Butte Transformer Shop	L
8	Helena Independent Record	L
9	NWE Lewistown Warehouse & Garage	L
10	Normont Development Inc	L
11	Montana State University Billings - SUB	L
12	Bos Hay and Grain LLC	BP
13	Pioneer Technical Services	L
14	Guardian Apartments - Revised SOW	L
15	Laurel High School	L
16	MDT Statewide LED Retrofit	BP
17	XL Industries	L
18	MDOT - Butte Headquarters - Carpenter Shop	L
19	MDOT - Butte Headquarters - Truck Stalls	L
20	NorthWestern Energy Service Center - Great Falls	L
21	NWE Butte GO - 1st Elect. Bldg	L
22	NWE - Corrosion Control Center	L
23	AT&T Billings - Main (HE Design)	L
24	Overland Express	L
25	Bonner Property Development - Transformer Removal/Fuel Switch	BP
26	Hayloft Equipment - FINAL SOW	L
27	Billings Logan International Airport - HE Design - FINAL SOW	L
28	NWE System Operations and Control Center (SOCC)	BP
29	Dusenberry Farms Irrigation	BP
30	Zip Beverage - ECM Motors	BP
31	GranTree Conoco - Custom LED Project	BP
32	Bonner Property Development - HE Design - 10 Buildings	L
33	Bonner Property Development - HE Design - ALCOM (FINAL SOV	L
34	Bear Paw Vetrinary Service - FINAL SOW	L

Vendor = National Center for Appropriate Technology

35	NWE Service Center - Missoula - Garage & Warehouse	L
36	NWE Service Center - Missoula - Back hoe Building	L
37	NWE Service Center - Missoula - Mechanics Garage	L
38	NWE Service Center - Missoula - NWE Offices All	L
39	Woolsey's Tire	L
40	Good Samaritan Ministries	L
41	Stevenson Wilke Funeral Home	L
42	All About Grooming - Final SOW	L
43	Kluge House	L
44	CPK LLC - Mayer Building	L
45	Tabbert Construction Inc	L
46	Hjelm's Body Shop - Final SOW	L
47	G&L Transit Inc	L
48	Placer Motors 1515 Euclid	L
49	Placer Motors 1425 Euclid	L
50	O'Haire Motor Inn	L
51	10 South Montana Complex	L
52	East Helena Liquor Store	L
53	Northern Hotel	L
54	Framing Etc.	L
55	Broadwater Market	L
56	Zip Beverage (Phase 5)	L
57	Helena Pediatric Clinic	L
58	Fairhaven Colony - (2) 3 HP Pump VFD's	ER
59	S.M.A.R.T.	L
60	Helena Aircraft	L
61	City of Helena - Eastside Fire Station 2	L
62	Century Link	L
63	J4 Automotive	L
64	Taco Bell - Brooks St (Missoula) - Custom Induction	BP
65	Taco Bell - N. First St. (Hamilton) - Custom Induction	BP
66	Taco Bell - N. Montana (Helena) - Custom Induction	BP
67	First Security Bank - Woodside Cutoff Road (Hamilton) - Custom In	BP
68	First Security Bank - South Fulton (Thompson Falls) - Custom Induc	BP
69	First Security Bank - West Railroad Street (Plains) - Custom Inducti	BP
70	First Security Bank - North Reserve Street (Missoula) - Custom Indu	BP
71	First Security Bank - Great Northern Way (Missoula) - Custom Indu	BP
72	First Security Bank - S. Garfield (Missoula) - Custom Induction	BP
73	First Security Bank - Dearborn Ave (Missoula) - Custom Induction	BP
74	Burlington Elementary School	L
75	Airport Business Park Building IP-7	L
76	Wesco	L
77	Northern Hotel (Zootist Hospitality LLC)	ER
78	Scale House	L

Vendor = National Center for Appropriate Technology

79	Butte Care	L
80	State of Montana - Montana State Hospital	ER
81	Hi-Noon Petroleum - Custom Induction	BP
82	Muralt's Travel Plaza - Sign - Custom Induction	BP
83	Cereal Food Processors - VSD Air Compressor	BP
84	Hamilton School District - Middle School	ER
85	Hamilton School District - Washington School	ER
86	Hamilton School District - District Office	ER
87	Hamilton School District - Daly School	ER
88	Hamilton High School	ER
89	Call Industries	L
90	Park Ave Bakery	L
91	Innovative Irrigation	L
92	MRL Equipment Company Inc (Paint Booth)	L
93	Prairie View School - Revised SOW	L
94	Pepsi Cola Bottling Co of Billings	L
95	J & D Truck Repair	L
96	Covenant United Methodist Church	L
97	Montana State University Billings - (4) 1.5 HP Pump VFDs	ER
98	MyKells Specialty Auto	L
99	MSU - Billings City College - REVISED SOW	L
100	Reeces & Rays Big Horn IGA	L
101	Driscoll Drug	L
102	Rocky Mountain Contractors - Revised SOW	L
103	Billings School District - Skyview High	ER
104	Picchioni's IGA - Custom LED	BP
105	Zip Beverage - New Construction	L
106	Glacier Gateway Exxon - Custom Induction	BP
107	Frank T Pelican	L
108	Bar 3 Barbeque	L
109	Hrella Brown Partnership - Brides & Beaux	L
110	Hrella & Brown - DOWL - Revised SOW	L
111	Hrella & Brown - Tread Lightly	L
112	Northern Energy Propane	L
113	Sheehan Majestic - Custom LED	BP
114	The Salvation Army - Community Center	L
115	The Salvation Army -Thrift Store	L
116	Dillon Middle School (1) 5 HP Fan VFD	ER
117	George Cawlfield (1) 75 HP Irrigation Pump VFD	ER
118	Tamarack Square A2	L
119	Valley Sand & Gravel - Revised SOW	L
120	Montana Marketing Inc	L
121	CK Fab	L
122	Three Forks School District - Elementary School	L

Vendor = National Center for Appropriate Technology

123	Three Forks School District - High School	L
124	Missoula Alliance Church	L
125	John Crumley - 125 HP Irrigation VFD	ER
126	State of MT - MT Mental Health Nursing Care Center AE #2012-19	ER
127	Standley Brothers - 250 HP Irrigation VFD	ER
128	Capital City Transmission & Auto - Revised SOW	L
129	Alton Ranch Inc - 50 HP Irrigation Pump VFD	ER
130	Alton Ranch Inc - 25 HP Irrigation Pump VFD	ER
131	Tricon Timber LLC	L
132	Marcus Daly Memorial Hospital Corporation - Physician's Office - 1	ER
133	City of Billings - BOC Garage	L
134	City of Billings - Parking Garage 3 & City Hall	L
135	Pete Clausen and Sons Inc - Revised SOW	L
136	Broadwater County Museum - Revised SOW	L
137	Broadwater County Senior Citizens Club - FINAL SOW	L
138	Broadwater County Health Services - FINAL SOW	L
139	Gallatin Airport Authority - groundwater cooling expansion	BP
140	Rocky Mountain Auto Repair - Revised SOW	L
141	State of Montana Data Center (SMDC) - Phase II	BP
142	Berkeley United LLC (Black Coffee Roasting Co)	BP
143	Community Medical Center - Ground Water Cooling	BP
144	Valley County Pioneer Museum	L
145	Subway - 848 Main Street #2 - Revised SOW	L
146	Subway - 848 Main Street # 3 - Revised SOW	L
147	Delta Development LLC - Avatar Realty - Revised SOW	L
148	Delta Development LLC - Duncan Law - Revised SOW	L
149	Subway - King Ave	L
150	Subway - Columbus - Revised SOW	L
151	Subway - 1038 Main St #4 - Revised SOW	L
152	West High School - Occupancy Sensors - Revised SOW	L
153	Carl VanderMolen - irrigation project	BP
154	Empire Office Machines - Revised SOW	L
155	Allegra Printing	L
156	T & E Cat Rental Store - Revised SOW	L
157	Bozeman Senior High School - Custom LED	BP
158	Sacajawea Middle School - Custom LED	BP
159	Emily Dickinson Elementary - Custom LED	BP
160	Morning Star Elementary - Custom LED	BP
161	Nutritional Laboratories International Inc - Revised SOW	L
162	Parmly Library - HE Design	L
163	NorthWestern Energy - MDCC HVAC controls upgrade	BP
164	Bozeman Public Schools - Emily Dickinson School - LED Wall Pacl	L
165	Bozeman Public Schools - Morning Star School - LED Wall Packs	L
166	Bozeman Public Schools - Sacajawea School - LED Wall Packs	L

Vendor = National Center for Appropriate Technology

167	Food Services of America - Dry Building - Custom LED - Revised S	BP
168	Bozeman Public Schools - Willson School	L
169	Bozeman Public Schools - Senior School	L
170	WMK & Company	L
171	USDA Forest Service Hangar - Revised SOW	L
172	Town Pump - Thompson Falls - Custom LED Canopy Project (FINAL	BP
173	Hunter Brothers Construction - Shop - Revised SOW	L
174	Mountainview Veterinary Service	L
175	Yellowstone County Implement (Service Shop)	L
176	Valley County Road Department (Phase 2)	L
177	Valley County Road Department (Phase 1)	L
178	NorthWestern Energy - Red Lodge	L
179	D & G Sports & Western Inc	L
180	Blaine County Courthouse	L
181	Lewis & Clark Humane Society	L
182	Capital City Health Club - Custom LED - Revised SOW	BP
183	Southside Auto Reconditioning	L
184	Missoula City Hall - Prescriptive LED's	L
185	Guardian Apartments	BP
186	Saddle Peak Elementary School - HE Design - New Construction	L
187	Watkins Shepard - HE Lighting Design	L
188	ProBuild	L
189	Western Drug	L
190	Havre Dental Group	L
191	Montana Rail Link - Roundhouse	L
192	Carroll College	L
193	Broadwater County Jail - LED	L
194	Independence Bank - Glasgow	L
195	Poindexter Place LLC - 4 S Idaho	L
196	Poindexter Place LLC - 8 S Idaho	L
197	Red Barn Gifts	L
198	Head Start - Glasgow (Classroom Area)	L
199	Head Start - Glasgow (Office Area)	L
200	Ron's Diesel Repair - Shop #2 - Revised SOW	L
201	Park Plaza Video	L
202	Montana Department of Transportation - Main Shop	L
203	The Boeing Company	L
204	Watkins & Shepard Trucking Inc - Billings	L
205	Huntley Lodge	L
206	Saddle Peak Elementary School - LED Wallpacks	L
207	Mile High Beverage	L
208	Saddle Peak Elementary School - (4) 15 HP & (4) 20 HP Fan VFDs	ER
209	Blaine County Courthouse - Cooling Tower VFD	ER
210	Cellular Plus	L

Vendor = National Center for Appropriate Technology

211	Red Oxx Manufacturing	L
212	Industrial Coating Solutions - 75 HP Fan VFD	ER
213	Belgrade Public Schools - Saddle Peak Elem 1.5HP & (2) .75 HP Fan VFDs	ER
214	Belgrade Public Schools - Special Events Center - (2) 7.5HP & (2) 10HP Fan	ER
215	NorthWestern Energy - Havre	L
216	Bozeman Public Schools - Meadowlark Elem - NC - (3) 5 HP Pump VFDs	ER
217	Bozeman Public Schools - Meadowlark Elem - NC - (13) Various Fan VFDs	ER

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-064 Regarding: DSM Program Spending & Budget
Witness: Joe Schwartzenberger

Please provide an electronic working copy, with all links intact, of the most recent updated version of your 2014 Exhibit__(WMT-2), including all data, workpapers and supporting spreadsheets.

RESPONSE (November 7, 2014):

See the "MCC-061" folder on the CD attached to MCC-019.

MCC-065 Regarding: DSM Program Spending & Budget
Witness: Joe Schwartzenberger

Please explain in detail why the February 2014 Spending for E+ Commercial Lighting Program (line 9, column J of your 2014 Exhibit__(WMT-2)) is very low compared to all other months in the 2013-2014 tracker year.

RESPONSE (November 7, 2014):

In February 2014, there were no charges associated with incentive payments to customers for installing commercial lighting measures. There were only charges for materials, outside services to McKinstry, CTA Architects & Engineers, and KEMA Services Inc. (KEMA), and trade shows and marketing promotions. In most other months during the 2013-2014 tracker year with the exception of September 2013, KEMA was reimbursed for incentive payments made to customers for installing commercial lighting measures.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-066 Regarding: DSM Program Spending & Budget
Witness: Joe Schwartzenberger

Please explain in detail why the March 2014 Spending for E+ Commercial Electric Rebate Program (line 12, column K of your 2014 Exhibit__(WMT-2)) is much higher than the spending for all other months in the 2013-2014 tracker year.

RESPONSE (November 7, 2014):

In March 2014, there were charges totaling $151,057.66 associated with incentive payments to customers for installing commercial electric measures for existing facilities. In most other months in the 2013-2014 tracker year, with the exception of $75,850 in August 2013, KEMA was reimbursed at or less than approximately $28,000 for incentive payments made to customers for installing commercial electric measures for existing facilities.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-067 Regarding: Electric DSM Lost Revenues
Witness: Joe Schwartzenberger

Please provide an updated version of your 2014 Exhibit__(WMT-3), with the most current information available, replacing the estimated three months with actual data in the tracker period 2013-2014. Please provide this updated exhibit in electronic working form, with all links intact, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-061" folder on the CD attached to MCC-019.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-068 Regarding: Electric DSM Lost Revenues
Witness: Joe Janhunen, parts a & b /Joe Schwartzenberger, c & d

In reference to your 2014 testimony at page WMT-31, lines 4-12, please provide for each tracker year from 2004-2014 the following information:

a) MWhs throughput and total dollar amount that were used to set T&D rates.

b) The actual dollar amount collected from T&D rates.

c) MWhs used in calculating Electric DSM Lost Revenues associated with T&D.

d) The actual dollar amount collected as DSM Lost Revenues for T&D.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

a. The MWh and dollar amounts in the following table begin with T&D MWh and dollar amounts from Docket No. D2009.9.129, Order No. 7046i. These numbers are adjusted for subsequent tax tracker filings made in December of each year.

Tracker Year	Effective Date	MWh	Dollar Amount
2012-2013	7/1/12	5,682,376	$226,677,015
	1/1/13	5,786,710	$235,286,346
2013-2014	7/1/13	5,786,710	$235,286,346
	1/1/14	5,821,172	$234,727,855
2014-2015	7/1/14	5,821,172	$234,727,855

b. The revenues do not include DSM lost revenues collected through the tracker and discussed in part d below.

Tracker Year	T&D Revenues
2012-2013	$237,311,895
2013-2014	$246,612,435

The information required to make the calculation is not available for the 2014-2015 tracker period.

MCC-068 cont'd

c.

Tracker Year	T&D MWh
2012-2013	128,040
2013-2014	184,853
2014-2015	235,886

These figures are the total commercial and residential DSM MWh savings by tracker year used to compute T&D Lost Revenues and represent the cumulative year-over-year impacts of DSM since NorthWestern's base T&D rates were reset in its last general rate case. The figures are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

d. NorthWestern maintains detailed DSM program data on which it bases its lost revenue computations. Like for the other cost items in the tracker, forecasted lost revenues are included in the electric supply rates. Individual rates are not determined for individual items in the tracker. Therefore, once supply rates are established, NorthWestern does not have the detail to determine actual revenues collected for individual items, including lost revenues.

Fair representations of T&D related lost revenues included in rates are provided below. These are the T&D related lost revenues NorthWestern proposes to recover for the 2012-2013 and 2013-2014 tracker years in this docket. The figures represent the cumulative year-over-year impacts of DSM since NorthWestern's base T&D rates were reset in NorthWestern's last general rate case, and are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

The requested information is not available for the forecasted 2014-2015 tracker period.

Tracker Year	DSM Lost Revenues
2012-2013	$4,079,918
2013-2014	$5,957,065

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-069 Regarding: Electric DSM Lost Revenues
Witness: Joe Janhunen, parts a & b /Joe Schwartzenberger, c & d

In reference to your 2014 testimony at pages WMT-31, lines 16-22 please provide a comparative table for each tracker year from 2009-2014 showing:

a) MWhs throughput and total dollar amount that were used to set CU4 rates.

b) The actual dollar amount collected from CU4 rates.

c) MWhs used in calculating Electric DSM Lost Revenues associated with CU4.

d) The actual dollar amount collected as DSM Lost Revenues for CU4.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

a. The MWh and dollar amounts are from the fixed revenue requirement for CU4 as established in Docket No. D2008.6.69, Order No. 6925f and adjusted in Docket No. D2009.12.155, Order No. 7057a. The revenues do not include variable revenue.

Tracker Year	Effective Date	MWh	Dollar Amount
2012-2013	1/1/09	5,741,321	$72,745,544
2013-2014	1/1/09	5,741,321	$72,745,544
2014-2015	1/1/09	5,741,321	$72,745,544

b. The revenues do not include DSM lost revenues collected through the tracker and discussed in part d below.

Tracker Year	CU4 Revenues
2012-2013	$74,936,653
2013-2014	$76,823,643

The information required to make the calculation is not available for the 2014-2015 tracker period.

MCC-069 cont'd

c.

Tracker Year	T&D MWh
2012-2013	198,247
2013-2014	255,060
2014-2015	306,093

These figures are the total commercial and residential DSM MWh savings by tracker year used to compute CU4 Lost Revenues and represent the cumulative year-over-year impacts of DSM since NorthWestern's CU4 fixed cost rates were established in Docket No. D2008.8.69. The figures are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

d. NorthWestern maintains detailed DSM program data on which it bases its lost revenue computations. Like for the other cost items in the tracker, forecasted lost revenues are included in the electric supply rates. Individual rates are not determined for individual items in the tracker. Therefore, once supply rates are established, NorthWestern does not have the detail to determine actual revenues collected for individual items, including lost revenues.

Fair representations of CU4 related lost revenues included in rates are provided below. These are the CU4 related lost revenues NorthWestern proposes to recover for the 2012-2013 and 2013-2014 tracker years in this docket. The figures represent the cumulative year-over-year impacts of DSM since NorthWestern's CU4 fixed cost rates were established in Docket No. D2008.8.69, and are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

The requested information is not available for the forecasted 2014-2015 tracker period.

Tracker Year	DSM Lost Revenues
2012-2013	$2,524,213
2013-2014	$3,247,584

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-070 Regarding: Electric DSM Lost Revenues
Witness: Joe Janhunen, parts a & b /Joe Schwartzenberger, c & d

In reference to your 2014 testimony at page WMT 32, lines 3-10, please provide a comparative table for each tracker year from 2012-2014 showing:

a) MWhs throughput and total dollar amount that were used to set DGGS rates.

b) The actual dollar amount collected from DGGS rates.

c) MWhs used in calculating Electric DSM Lost Revenues associated with DGGS.

d) The actual dollar amount collected as DSM Lost Revenues for DGGS.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

a. The MWh and dollar amounts are from the second year revenue requirement for DGGS as established in Docket No. D2008.8.95, Order No. 6943e. The revenues do not include variable revenue.

Tracker Year	Effective Date	MWh	Dollar Amount
2012-2013	1/1/12	5,914,986	$28,234,531
2013-2014	1/1/12	5,914,986	$28,234,531
	1/1/12	5,914,986	$28,234,531
2014-2015	1/1/12	5,914,986	$28,234,531

b. The revenues do not include DSM lost revenues collected through the tracker and discussed in part d below.

Tracker Year	DGGS Revenues
2012-2013	$28,217,845
2013-2014	$28,928,399

The information required to make the calculation is not available for the 2014-2015 tracker period.

MCC-070 cont'd

c.

Tracker Year	T&D MWh
2012-2013	105,168
2013-2014	161,981
2014-2015	213,013

These figures are the total commercial and residential DSM MWh savings by tracker year used to compute DGGS Lost Revenues and represent the cumulative year-over-year impacts of DSM since NorthWestern's DGGS fixed cost rates were established in Docket No. D2008.8.95. The figures are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

d. NorthWestern maintains detailed DSM program data on which it bases its lost revenue computations. Like for the other cost items in the tracker, forecasted lost revenues are included in the electric supply rates. Individual rates are not determined for individual items in the tracker. Therefore, once supply rates are established, NorthWestern does not have the detail to determine actual revenues collected for individual items, including lost revenues.

Fair representations of DGGS related lost revenues included in rates are provided below. These are the DGGS related lost revenues NorthWestern proposes to recover for the 2012-2013 and 2013-2014 tracker years in this docket. The figures represent the cumulative year-over-year impacts of DSM since NorthWestern's DGGS fixed cost rates were established in Docket No. D2008.8.95, and are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

The requested information is not available for the forecasted 2014-2015 tracker period.

Tracker Year	DSM Lost Revenues
2012-2013	$504,221
2013-2014	$776,607

NorthWestern Energy
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Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-071 Regarding: Electric DSM Lost Revenues
Witness: Joe Janhunen, parts a & b /Joe Schwartzenberger, c & d

In reference to your 2014 testimony at page WMT 32, lines 14-21, please provide for each tracker year from 2013-2014 the following information:

a) MWhs throughput and total dollar amount that were used to set Spion Kop rates.

b) The actual dollar amount collected from Spion Kop rates.

c) MWhs used in calculating Electric DSM Lost Revenues associated with Spion Kop.

d) The actual dollar amount collected as DSM Lost Revenues for Spion Kop.

RESPONSE (November 7, 2014):

a. The MWh and dollar amounts are from the first and second year revenue requirements for Spion Kop as established in Docket No. D2011.5.41, Order No. 7159l. The revenues do not include variable revenue.

Tracker Year	Effective Date	MWh	Dollar Amount
2012-2013	12/1/12	5,959,308	$6,217,360
2013-2014	12/1/12	5,959,308	$6,217,360
	1/1/14	5,997,762	$8,714,737
2014-2015	1/1/14	5,997,762	$8,714,737

b.

Tracker Year	Spion Revenues
2012-2013	$3,234,792
2013-2014	$7,559,847

The information required to make the calculation is not available for the 2014-2015 tracker period.

c.

Tracker Year	T&D MWh
December 1, 2012-2013	17,214
2013-2014	61,604
2014-2015	112,636

MCC-071 cont'd

These figures are the total commercial and residential DSM MWh savings by tracker year used to compute Spion Kop Lost Revenues and represent the cumulative year-over-year impacts of DSM since NorthWestern's Spion Kop fixed cost rates were established in Docket No. D2011.5.41. The figures are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

d. NorthWestern maintains detailed DSM program data on which it bases its lost revenue computations. Like for the other cost items in the tracker, forecasted lost revenues are included in the electric supply rates. Individual rates are not determined for individual items in the tracker. Therefore, once supply rates are established, NorthWestern does not have the detail to determine actual revenues collected for individual items, including lost revenues.

Fair representations of Spion Kop related lost revenues included in rates are provided below. These are the Spion Kop related lost revenues NorthWestern proposes to recover for the 2012-2013 and 2013-2014 tracker years in this docket. The figures represent the cumulative year-over-year impacts of DSM since NorthWestern's Spion Kop fixed cost rates were established in Docket No. D2011.5.41, and are taken from spreadsheet, Exhibit__(WMT-3) Electric DSM Lost Revenues_2014-2-15_D2014.5.46_12+0_FINAL, provided in response to Data Request MCC-067.

The requested information is not available for the forecasted 2014-2015 tracker period.

Tracker Year	DSM Lost Revenues
December 1, 2012-2013	$18,029
2013-2014	$77,177

MCC-072 Regarding: Electric DSM Lost Revenues
Witness: Joe Janhunen, part a / Joe Schwartzenberger, part b

The most recent T&D rates were established on January 1, 2011 in Docket D2009.9.129, using annual base revenues for T&D of about $228.6 million. From January 1, 2011, DSM Lost Revenues associated with T&D have been $0.866 million from January to June 2011, $2.307 million for the 2011-2012 tracker period, $4.08 million for the 2012-2013 tracker period, and currently $5.949 million for 2013-2014 tracker period; resulting in a total of about $13.2 million in 42 months.

a) Please provide the actual dollar amount that NWE has collected as T&D revenues during these 42 months.

b) Also provide a complete explanation and justification for claiming that NWE has lost about $13.2 million in T&D revenues due solely to DSM and that none of this reduction has been attributable to other factors such as behavioral changes over time that are not directly the result of the Company's DSM activities (e.g., behavioral changes such as those noted in MCC-37), or from reduced loads from non-active customers.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

a. See the response to Data Request MCC-068b for the 24 months July 2012 through June 2014.

b. The process established by the Commission under which lost revenues are determined involves comprehensive third party evaluations of program performance on five or six year cycles. A program evaluation assesses program performance and impacts retrospectively back to the end of the time period covered by the previous program evaluation. The program evaluations are comprehensive in nature and account not only for savings that program measures are capable of producing, but also customer behaviors that affect the savings produced by such measures, such as the portion of the rebated measures that actually went into service, the hours the measures were operated, and whether the programs influenced customers to adopt the measures, for example. In short, the program evaluations are aimed at determining the savings that are attributable to the programs. Refer to the Prefiled Supplemental Testimony of Michael H. Baker

MCC-072 cont'd

in Docket No. D2012.5.49 for the most recently completed third party program evaluation.

Consistent with the Commission established process, the findings from the most recently completed third party program evaluation are used prospectively to determine the savings from which lost revenues are computed for each tracker year. The Commission approves lost revenues for each tracker period. The next program evaluation, conducted six years hence, for example, determines the actual savings for the previous tracker years dating back to the end of the time period addressed by the previous evaluation (the true-up period). The previously approved lost revenues during the true-up period are compared to the lost revenues computed from the savings determined by the current program evaluation. If the previously approved lost revenues are greater than the evaluation based lost revenues during the true-up period, the difference is subsequently refunded to customers. If the previously approved lost revenues are less than the evaluation based lost revenues during the true-up period, the difference is subsequently collected from customers. In this way, the best and most current information available at the time is used to help ensure that lost revenues paid by customers reflect only those savings that are properly attributable to the programs.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-073 Regarding: Electric DSM Lost Revenues
Witness: Joe Schwartzenberger

The CU4 rates were established in Docket D2009.12.155, using annual base revenues of about $72.746 million. According to Mr. Janhunen's Exhibit___(JSJ-6)14-15, page 4 of 5, it is estimated that Fixed CU4 Revenues in 2013-14 will be $75.995 million (line 39, column H), about 4.5% ($3.25 million) more than approved revenues. In your 2014 Exhibit___(WMT-3) page 1, it is estimated that DSM Lost Revenues associated with CU4 for 2014-15 Tracker period will be $3.892 million. Please provide a detailed justification of why NWE should be entitled to collect an additional 5.35% ($3.892 million) above approved revenue requirements for CU4 due to Lost Revenues.

RESPONSE (November 7, 2014):

NorthWestern's currently authorized lost revenue adjustment mechanism is intended to provide for the recovery of Colstrip Unit 4 revenues that would have actually been realized absent NorthWestern's electric DSM programs. Additionally, the level of Colstrip 4 revenues that NorthWestern would have actually realized varies from the authorized Colstrip Unit 4 fixed cost revenue requirement between rate filings due to increases and/or decreases in customer electric loads caused by various other factors (e.g. weather, increasing/decreasing customers, customers' appliance/equipment stock, etc.) This phenomenon is a long-standing Commission regulatory practice.

In addition, Order No. 7154b in Docket No. D2011.5.38 authorizes NorthWestern to include forecasted lost DSM revenues in future tracker filings. Refer to Order No. 7154b, Ordering Section, Paragraph 3. $3.892 million represents NorthWestern's forecasted lost revenues related to the CU4 fixed cost revenue requirement for the 2014-2015 tracker period. Consistent with past practice, the forecast will be trued up to actual results in subsequent tracker dockets and then further adjusted to reflect the results of a future third party program evaluation similar to the program evaluation recently performed by SBW.

A detailed justification of why NorthWestern should be entitled to collect lost revenues is the subject of a docket specifically established to discuss the lost revenue policy issue.

MCC-074 Regarding: Electric DSM Lost Revenues
Witness: Joe Schwartzenberger

Current DGGS rates were established in Order 6943e, using revenues for fixed cost (80% allocation) of about $28.2345 million. According to Mr. Janhunen's Exhibit___(JSJ-6)14-15, page 4 of 5, it is estimated that Fixed DGGS Revenues in 2013-14 will be $28.617 million (line 39, column L), about 1.35% ($0.38 million) more than approved revenues. In your 2014 Exhibit___(WMT-3) page 1, it is estimated that DSM Lost Revenues associated to DGGS for 2014-15 Tracker period will be $1.019 million. Please provide a detailed justification of why NWE should be entitled to collect an additional 3.61% ($1.019 million) above approved revenue requirements for DGGS due to Lost Revenues.

RESPONSE (November 7, 2014):

NorthWestern's currently authorized lost revenue adjustment mechanism is intended to provide for the recovery of DDGS revenues that would have actually been realized absent NorthWestern's electric DSM programs. Additionally, the level of DDGS revenues that NorthWestern would have actually realized varies from the authorized DDGS fixed cost revenue requirement between rate filings due to increases and/or decreases in customer electric loads caused by various other factors (e.g. weather, increasing/decreasing customers, customers' appliance/equipment stock, etc.) This phenomenon is a long-standing Commission regulatory practice.

In addition, Order No. 7154b in Docket No. D2011.5.38 authorizes NorthWestern to include forecasted lost DSM revenues in future tracker filings. Refer to Order No. 7154b, Ordering Section, Paragraph 3. $3.892 million represents NorthWestern's forecasted lost revenues related to the DGGS fixed cost revenue requirement for the 2014-2015 tracker period. Consistent with past practice, the forecast will be trued up to actual results in subsequent tracker dockets and then further adjusted to reflect the results of a future program evaluation similar to the program evaluation recently performed by SBW and Commission findings regarding such an evaluation.

A detailed justification of why NorthWestern should be entitled to collect lost revenues is the subject of a docket specifically established to discuss the lost revenue policy issue.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-075 Regarding: Update to 2013/2014 Supply Tracker
Witness: Frank V. Bennett

You state in your 2014 testimony at page FVB-5, lines 1-2 that NorthWestern has included the CU4 full rate-based volume of unit contingent energy associated with 222 megawatts ("MW") of capacity in the tracker.

a) Please explain in detail why it is reasonable to include the full volume of CU4 for the months during the outage when CU4 generation was zero instead of including only 111 MW received from Colstrip Units 3 & 4, and the rest included as market purchases and Basin Creek generation as stated in Mr. Markovich's 2014 testimony at pages KJM-9 and KJM-10.

b) Please provide the monthly load factor used in the calculation of Colstrip 4 generation output as show on line 26 of your Exhibit__(FVB-1)13-14, page 3 of 5.

RESPONSE (November 7, 2014):

a. The description is a general statement of introduction about the plant that also includes a statement that it is unit contingent, which is understood in the industry to explain periods of maintenance and outages. However, my exhibits reflect the actual output of NorthWestern's scheduled amounts each month.

b. NorthWestern is not clear what is meant by monthly load factor used, since the generation is simply NorthWestern's scheduled amounts.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-076 Regarding: 2013/2014 Default Supply Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-1)13-14, with all links intact, including all workpapers. If actual data for the months of April to June 2013 are available, please provide the updated exhibit.

RESPONSE (November 7, 2014):

Please see the "MCC-076" folder on the CD attached to MCC-019 for Exhibit__(FVB-1)13-14 Updated and the other D2014.5.46 exhibits accompanying the Prefiled Direct Testimony of Frank V. Bennett.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-078 Regarding: 2013/2014 Off-System Transactions
Witness: Kevin Markovich

In your 2014 testimony at page FVB-8, lines 12-13, you state "Most of these transactions [off-system] are at the Mid-Columbia trading hub and are used for hedging purposes." Please identify each of these transactions that are used for hedging purposes, including quantity, price, period and supplier.

RESPONSE (November 7, 2014):

The statement should have read: "All of these transactions [off-system] are at the Mid-Columbia trading hub and are used for hedging purposes."

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-080 Regarding: 2013/2014 On-System Transactions
Witness: Frank V. Bennett

In your 2014 testimony at page FVB-11, lines 1-4, you state that the second group of variable energy includes 14 MW of generation under which the associated RECs remain with the QF (United Materials of Great Falls, plus other QFs). Also, on page FVB-5 you state: *"NorthWestern reduced regulation costs associated with wind energy contracts that do not serve retail load. Accordingly, NorthWestern removed all associated wind regulation charges for the UMGF project from the 2005/2006 tracker period forward for the periods of time that NorthWestern was not purchasing the output from this facility."*

a) Please provide the quantity and cost associated only with UMGF.

b) Please explain whether this energy is related to the wind energy contract and the regulation cost associated with UMGF discussed in your 2014 testimony at page FVB-5, lines 17-24 and FVB-6, lines 1-4.

c) Is the output from UMGF part of the variable energy that you refer to at FVB-5 that does not serve retail loads? Please fully explain your answer and reconcile the two statements (at FVB-11 and FVB-5) referred to above.

RESPONSE (November 7, 2014):

a. The quantity and cost associated only with UMGF power purchases are shown in the table below.

Month	MWh	Cost
Jul-12	8,893	$24,764.95
Aug-12	7,490	$24,636.30
Sep-12	0	$0.00
Oct-12	0	$0.00
Nov-12	0	$0.00
Dec-12	0	$0.00
Jan-13	0	$0.00
Feb-13	0	$0.00
Mar-13	0	$0.00
Apr-13	0	$0.00
May-13	0	$0.00
Jun-13	1,205	$55,058.81

MCC-080 cont'd

b. The MWh and cost reported in the response to part a to this data request are related to the wind energy contract discussed in my testimony referenced, but are not part of the regulation disallowance.

c. No. The MWh and cost reported are used to serve retail loads. It is the variable energy generated during the months reflecting zero in part a to this data request that do not serve retail loads.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-082 Regarding: 2013/2014 Basin Creek
Witness: Frank V. Bennett

Please explain in detail the reasons why Basin Creek's output for September 2013 was 5,189 MWhs at a monthly variable cost of $497,509 while the output for October 2013 was 8,575 Mwhs at a lower monthly variable cost of $190,060 (lines 52 and 112 of Exhibit___(FVB-1)13-14, pages 3 and 4).

RESPONSE (November 7, 2014):

A portion of the costs for October gas were booked in November. This causes the appearance of the lower monthly cost in October 2013.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-083 Regarding: 2013/2014 Basin Creek Fixed Costs
Witness: Frank V. Bennett

Please explain in detail the reasons why the fixed costs of Basin Creek in October and November 2013 and the estimated costs for May 2014 are much higher than the costs in the other months.

RESPONSE (November 7, 2014):

November and May costs reflect the addition of property taxes paid during those months. October books reflected a data entry error of $407,155 in taxes that will be reversed in the actual costs reflected in the 2014/2015 tracker period.

MCC-084 Regarding: 2013/2014 Competitive Solicitations Transactions
Witness: Kevin Markovich

Please provide more details regarding the competitive solicitations listed on line 33 of your Exhibit__(FVB-1)13-14, page 3 of 5, including the supplier, quantity, period and cost. Also please explain why during the 2013/2014 tracker year, the month of November 2013 reports 10,000 MWhs (about half the volumes for the other months) at a cost of $108.05 per MWh, while in all other months the unit cost was $54.03 per MWh.

RESPONSE (November 7, 2014):

May 2009 RFP - PPL

Term:	7/1/10 through 6/30/17
Volume:	25 MW ON-Peak
Price:	$60.30
Type:	Firm
Delivery:	NWE System

September 2010 RFP - TransAlta

Term:	7/1/12 through 6/30/17
Volume:	25 MW On-peak
Price:	$47.75
Type:	Firm
Delivery:	NWE System

November 2013 contains a misclassification. Off-system Competitive solicitations (line 9) should be decreased by 10,000 MWh and Based Fixed Price Competitive Solicitations (line 33) should be increased by 10,000 MWh. This misclassification does not affect costs in the tracker period.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-086 Regarding: 2013/2014 Lost Revenue Adjustment
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment for the months of November, December 2013 and estimated June 2014 netting $110,668, line 117 of your Exhibit__(FVB-1)13-14, page 4 of 5.

RESPONSE (November 7, 2014):

Note that the values have changed in Exhibit__(FVB-1)13-14 Updated provided in response to Data Request MCC-076. The Lost Revenue Adjustments in November and December were to update lost revenues to comply with Final Order No. 7219h from Docket No. D2012.5.49 and the adjustment in June is to true-up the over-refunded lost revenues.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-087 Regarding: Table At FVB-15
Witness: Frank V. Bennett

Please update the table at page FVB-15 of your 2014 testimony to reflect actual results for 2013/2014 through the most recent month for which actual data are available.

RESPONSE (November 7, 2014):

The table for 12 months of actual values for the 2013/2014 tracking period has not been prepared for this docket. Values within the table can be updated to actuals through June 2014 by using Exhibit__(FVB-1)13-14 Updated specifically the categories within pages 3 and 4.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-088 Regarding: Table At FVB-15
Witness: Frank V. Bennett

Please provide versions of the table at FVB-15 reflecting actual results for each of the NorthWestern tracker periods 2010/2011, 2011/2012 and 2012/2013.

RESPONSE (November 7, 2014):

NorthWestern has objected to a portion of this. Please see the objection filed November 7. Without waiving said objection, NorthWestern responds as follows to the non-objectionable portion of the request:

The table for 12 months of actual values for the 2012/2013 tracking period has not been prepared for this docket. Values within the table can be updated to actuals through June 2013 by using Exhibit__(FVB-1)12-13 Updated specifically the categories within pages 3 and 4.

MCC-089 Regarding: 2014/2015 Default Supply Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-2)14-15, with all links intact, including all workpapers.

RESPONSE (November 7, 2014):

Please see the "MCC-076" folder on the CD attached to MCC-019.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-090 Regarding: 2014/2015 Off-System Transactions
Witness: Frank V. Bennett/Kevin Markovich

Please provide all supporting documents, workpapers and calculations for the Off System Transactions: Base Fixed Price Purchases Competitive Solicitations totaling $43,250,700, Term Fixed Price Purchases totaling $21,519,269, Base Index Price Sales Competitive Solicitations totaling ($12,928,507), Term Index Price Sales totaling ($18,044,207), and Spot Sales totaling ($27,322,192) for estimated July 2014 through June 2015, stating the name(s) of counter parties, quantities, total costs, and average prices for each sale and/or purchase, in each month during that period of time.

RESPONSE (November 7, 2014):

The forecast tracker period uses the electronic coding by data entry in our software system for tracker values. See Attachment for workpapers.

Forward Price Summary (generated on 05/13/2014 08:50:12 PPT)

Prices as of 5/12/2014

SSE/Market: MIDC
Zone: MIDC
Product: E

	Month	On Peak	Off Peak
7/1/2014	2014 Jul	43.57	19.95
8/1/2014	2014 Aug	51.87	33.54
9/1/2014	2014 Sep	46.75	33.27
10/1/2014	2014 Oct	41.5	34.88
11/1/2014	2014 Nov	44.35	37.27
12/1/2014	2014 Dec	51.25	43.07
1/1/2015	2015 Jan	43.81	37.97
2/1/2015	2015 Feb	41.76	36.19
3/1/2015	2015 Mar	41.76	36.19
4/1/2015	2015 Apr	30.04	15.68
5/1/2015	2015 May	27.55	14.38
6/1/2015	2015 Jun	27.55	14.38

jms Tracker Report 2014-2015 (generated on 05/13/2014 11:06:03 PPT)

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:	Parameters
Date Range:	(07/01/2014 - 06/30/2015)
Time Zone:	PPT
Currency Convert To:	USD
MW Sign Convention:	PURCHASE + SALE -
Price Sign Convention:	PURCHASE + SALE +
Include Zero:	No
:	Conditions
Status:	VOIDED
Deal Type:	Acct Adjust
Product:	Spin Reserve
Product:	Capacity
Product:	TX Losses

$ 164,683,149

Deal Number	Counterparty	Trade Date	Month	Market	Pricing Type	Formula	Start Date	End Date	Price	MW	On Peak MWh	Off Peak MWh	Total Revenue	Month/Year	Location	Purchase/Sale	Duration	Term	Total Volume	Price	Adj Pricing	Adjusted Expense (Revenue)
35074	SCL-E	12/10/2013	July	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-1,950.00	0	0	Jul-14	On System	Sale	12	Term	-1,950.00	$ -	Fixed	$ -
35074	SCL-E	12/10/2013	August	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-1,950.00	0	0	Aug-14	On System	Sale	12	Term	-1,950.00	$ -	Fixed	$ -
35074	SCL-E	12/10/2013	September	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-1,875.00	0	0	Sep-14	On System	Sale	12	Term	-1,875.00	$ -	Fixed	$ -
35074	SCL-E	12/10/2013	October	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-2,025.00	0	0	Oct-14	On System	Sale	12	Term	-2,025.00	$ -	Fixed	$ -
35074	SCL-E	12/10/2013	November	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-1,800.00	0	0	Nov-14	On System	Sale	12	Term	-1,800.00	$ -	Fixed	$ -
35074	SCL-E	12/10/2013	December	BPAT	Fixed	0	1/2/2014	12/31/2014	0	0	-1,950.00	0	0	Dec-14	On System	Sale	12	Term	-1,950.00	$ -	Fixed	$ -
10590	CSEL-E	12/10/2008	July	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-8,200.00	55,800.00	Jul-14	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$ (616,718)
8798	CEI-E	10/24/2008	July	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	8,200.00	1,160,640.00	Jul-14	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$ 1,160,640
19934	BARC-E	9/22/2010	July	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Jul-14	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$ 511,160
24941	BARC-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	10,400.00	0	423,800.00	Jul-14	Off System	Purchase	24	Base	10,400.00	$ 40.75	Fixed	$ 423,800
24946	CEI-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	8,200.00	248,460.00	Jul-14	Off System	Purchase	24	Base	8,200.00	$ 30.30	Fixed	$ 248,460
24945	CRGL-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	16,400.00	492,000.00	Jul-14	Off System	Purchase	24	Base	16,400.00	$ 30.00	Fixed	$ 492,000
24943	CRGL-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	20,800.00	0	849,680.00	Jul-14	Off System	Purchase	24	Base	20,800.00	$ 40.85	Fixed	$ 849,680
24944	DBET-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	10,400.00	0	426,400.00	Jul-14	Off System	Purchase	24	Base	10,400.00	$ 41.00	Fixed	$ 426,400
24947	MLCI-E	10/12/2011	July	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	8,200.00	250,100.00	Jul-14	Off System	Purchase	24	Base	8,200.00	$ 30.50	Fixed	$ 250,100
13071	MSCG-E	5/21/2009	July	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Jul-14	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$ 642,200
31096	MSCG-E	2/21/2013	July	MIDC	Fixed	0	7/1/2014	9/30/2014	40	25	10,400.00	0	416,000.00	Jul-14	Off System	Purchase	3	Term	10,400.00	$ 40.00	Fixed	$ 416,000
32426	MSCG-E	6/11/2013	July	MIDC	Fixed	0	7/1/2014	9/30/2014	41.5	50	20,800.00	0	863,200.00	Jul-14	Off System	Purchase	3	Term	20,800.00	$ 41.50	Fixed	$ 863,200
10590	CSEL-E	12/10/2008	August	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-8,200.00	55,800.00	Aug-14	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$ (814,476)
8798	CEI-E	10/24/2008	August	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	8,200.00	1,160,640.00	Aug-14	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$ 1,160,640
19934	BARC-E	9/22/2010	August	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Aug-14	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$ 511,160
24941	BARC-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	10,400.00	0	423,800.00	Aug-14	Off System	Purchase	24	Base	10,400.00	$ 40.75	Fixed	$ 423,800
24946	CEI-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	8,200.00	248,460.00	Aug-14	Off System	Purchase	24	Base	8,200.00	$ 30.30	Fixed	$ 248,460
24945	CRGL-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	16,400.00	492,000.00	Aug-14	Off System	Purchase	24	Base	16,400.00	$ 30.00	Fixed	$ 492,000
24943	CRGL-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	20,800.00	0	849,680.00	Aug-14	Off System	Purchase	24	Base	20,800.00	$ 40.85	Fixed	$ 849,680
24944	DBET-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	10,400.00	0	426,400.00	Aug-14	Off System	Purchase	24	Base	10,400.00	$ 41.00	Fixed	$ 426,400
24947	MLCI-E	10/12/2011	August	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	8,200.00	250,100.00	Aug-14	Off System	Purchase	24	Base	8,200.00	$ 30.50	Fixed	$ 250,100
13071	MSCG-E	5/21/2009	August	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Aug-14	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$ 642,200
31096	MSCG-E	2/21/2013	August	MIDC	Fixed	0	7/1/2014	9/30/2014	40	25	10,400.00	0	416,000.00	Aug-14	Off System	Purchase	3	Term	10,400.00	$ 40.00	Fixed	$ 416,000
32426	MSCG-E	6/11/2013	August	MIDC	Fixed	0	7/1/2014	9/30/2014	41.5	50	20,800.00	0	863,200.00	Aug-14	Off System	Purchase	3	Term	20,800.00	$ 41.50	Fixed	$ 863,200
10590	CSEL-E	12/10/2008	September	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,000.00	-8,000.00	54,000.00	Sep-14	Off System	Sale	60	Base	-18,000.00	$ (3.00)	Index	$ (733,660)
8798	CEI-E	10/24/2008	September	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,000.00	8,000.00	1,123,200.00	Sep-14	Off System	Purchase	120	Base	18,000.00	$ 62.40	Fixed	$ 1,123,200
19934	BARC-E	9/22/2010	September	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,000.00	0	491,500.00	Sep-14	Off System	Purchase	60	Base	10,000.00	$ 49.15	Fixed	$ 491,500
24941	BARC-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	10,000.00	0	407,500.00	Sep-14	Off System	Purchase	24	Base	10,000.00	$ 40.75	Fixed	$ 407,500
24946	CEI-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	8,000.00	242,400.00	Sep-14	Off System	Purchase	24	Base	8,000.00	$ 30.30	Fixed	$ 242,400
24945	CRGL-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	16,000.00	480,000.00	Sep-14	Off System	Purchase	24	Base	16,000.00	$ 30.00	Fixed	$ 480,000
24943	CRGL-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	20,000.00	0	817,000.00	Sep-14	Off System	Purchase	24	Base	20,000.00	$ 40.85	Fixed	$ 817,000
24944	DBET-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	10,000.00	0	410,000.00	Sep-14	Off System	Purchase	24	Base	10,000.00	$ 41.00	Fixed	$ 410,000
24947	MLCI-E	10/12/2011	September	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	8,000.00	244,000.00	Sep-14	Off System	Purchase	24	Base	8,000.00	$ 30.50	Fixed	$ 244,000
13071	MSCG-E	5/21/2009	September	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,000.00	0	617,500.00	Sep-14	Off System	Purchase	48	Base	10,000.00	$ 61.75	Fixed	$ 617,500
31096	MSCG-E	2/21/2013	September	MIDC	Fixed	0	7/1/2014	9/30/2014	40	25	10,000.00	0	400,000.00	Sep-14	Off System	Purchase	3	Term	10,000.00	$ 40.00	Fixed	$ 400,000
32426	MSCG-E	6/11/2013	September	MIDC	Fixed	0	7/1/2014	9/30/2014	41.5	50	20,000.00	0	830,000.00	Sep-14	Off System	Purchase	3	Term	20,000.00	$ 41.50	Fixed	$ 830,000
10590	CSEL-E	12/10/2008	October	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,800.00	-7,800.00	55,800.00	Oct-14	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$ (720,264)
8798	CEI-E	10/24/2008	October	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,800.00	7,800.00	1,160,640.00	Oct-14	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$ 1,160,640
19934	BARC-E	9/22/2010	October	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,800.00	0	530,820.00	Oct-14	Off System	Purchase	60	Base	10,800.00	$ 49.15	Fixed	$ 530,820
24941	BARC-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	10,800.00	0	440,100.00	Oct-14	Off System	Purchase	24	Base	10,800.00	$ 40.75	Fixed	$ 440,100
24946	CEI-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	7,800.00	236,340.00	Oct-14	Off System	Purchase	24	Base	7,800.00	$ 30.30	Fixed	$ 236,340
24945	CRGL-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	15,600.00	468,000.00	Oct-14	Off System	Purchase	24	Base	15,600.00	$ 30.00	Fixed	$ 468,000
24943	CRGL-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	21,600.00	0	882,360.00	Oct-14	Off System	Purchase	24	Base	21,600.00	$ 40.85	Fixed	$ 882,360
24944	DBET-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	10,800.00	0	442,800.00	Oct-14	Off System	Purchase	24	Base	10,800.00	$ 41.00	Fixed	$ 442,800
24947	MLCI-E	10/12/2011	October	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	7,800.00	237,900.00	Oct-14	Off System	Purchase	24	Base	7,800.00	$ 30.50	Fixed	$ 237,900
13071	MSCG-E	5/21/2009	October	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,800.00	0	666,900.00	Oct-14	Off System	Purchase	48	Base	10,800.00	$ 61.75	Fixed	$ 666,900
31097	MSCG-E	2/21/2013	October	MIDC	Fixed	0	10/1/2014	12/31/2014	40	25	10,800.00	0	432,000.00	Oct-14	Off System	Purchase	3	Term	10,800.00	$ 40.00	Fixed	$ 432,000
31628	MSCG-E	4/9/2013	October	MIDC	Fixed	0	10/1/2014	12/31/2014	39.95	25	10,800.00	0	431,460.00	Oct-14	Off System	Purchase	3	Term	10,800.00	$ 39.95	Fixed	$ 431,460
32199	MSCG-E	5/29/2013	October	MIDC	Fixed	0	10/1/2014	12/31/2014	41.5	25	10,800.00	0	448,200.00	Oct-14	Off System	Purchase	3	Term	10,800.00	$ 41.50	Fixed	$ 448,200
10590	CSEL-E	12/10/2008	November	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-9,600.00	-8,425.00	54,075.00	Nov-14	Off System	Sale	60	Base	-18,025.00	$ (3.00)	Index	$ (739,760)
8798	CEI-E	10/24/2008	November	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	9,600.00	8,425.00	1,124,760.00	Nov-14	Off System	Purchase	120	Base	18,025.00	$ 62.40	Fixed	$ 1,124,760
19934	BARC-E	9/22/2010	November	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	9,600.00	0	471,840.00	Nov-14	Off System	Purchase	60	Base	9,600.00	$ 49.15	Fixed	$ 471,840
24941	BARC-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	9,600.00	0	391,200.00	Nov-14	Off System	Purchase	24	Base	9,600.00	$ 40.75	Fixed	$ 391,200
24946	CEI-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	8,425.00	255,277.50	Nov-14	Off System	Purchase	24	Base	8,425.00	$ 30.30	Fixed	$ 255,278
24945	CRGL-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	16,850.00	505,500.00	Nov-14	Off System	Purchase	24	Base	16,850.00	$ 30.00	Fixed	$ 505,500

24943	CRGL-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	19,200.00	0	784,320.00	Nov-14	Off System	Purchase	24	Base	19,200.00	$ 40.85	Fixed	$	784,320
24944	DBET-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	9,600.00	0	393,600.00	Nov-14	Off System	Purchase	24	Base	9,600.00	$ 41.00	Fixed	$	393,600
24947	MLCI-E	10/12/2011	November	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	8,425.00	256,962.50	Nov-14	Off System	Purchase	24	Base	8,425.00	$ 30.50	Fixed	$	256,963
13071	MSCG-E	5/21/2009	November	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	9,600.00	0	592,800.00	Nov-14	Off System	Purchase	48	Base	9,600.00	$ 61.75	Fixed	$	592,800
31097	MSCG-E	2/21/2013	November	MIDC	Fixed	0	10/1/2014	12/31/2014	40	25	9,600.00	0	384,000.00	Nov-14	Off System	Purchase	3	Term	9,600.00	$ 40.00	Fixed	$	384,000
31628	MSCG-E	4/9/2013	November	MIDC	Fixed	0	10/1/2014	12/31/2014	39.95	25	9,600.00	0	383,520.00	Nov-14	Off System	Purchase	3	Term	9,600.00	$ 39.95	Fixed	$	383,520
32199	MSCG-E	5/29/2013	November	MIDC	Fixed	0	10/1/2014	12/31/2014	41.5	25	9,600.00	0	398,400.00	Nov-14	Off System	Purchase	3	Term	9,600.00	$ 41.50	Fixed	$	398,400
10590	CSEL-E	12/10/2008	December	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-8,200.00	55,800.00	Dec-14	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$	(886,174)
8798	CEI-E	10/24/2008	December	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	8,200.00	1,160,640.00	Dec-14	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$	1,160,640
19934	BARC-E	9/22/2010	December	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Dec-14	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$	511,160
24941	BARC-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	40.75	25	10,400.00	0	423,800.00	Dec-14	Off System	Purchase	24	Base	10,400.00	$ 40.75	Fixed	$	423,800
24946	CEI-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	30.3	25	0	8,200.00	248,460.00	Dec-14	Off System	Purchase	24	Base	8,200.00	$ 30.30	Fixed	$	248,460
24945	CRGL-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	30	50	0	16,400.00	492,000.00	Dec-14	Off System	Purchase	24	Base	16,400.00	$ 30.00	Fixed	$	492,000
24943	CRGL-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	40.85	50	20,800.00	0	849,680.00	Dec-14	Off System	Purchase	24	Base	20,800.00	$ 40.85	Fixed	$	849,680
24944	DBET-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	41	25	10,400.00	0	426,400.00	Dec-14	Off System	Purchase	24	Base	10,400.00	$ 41.00	Fixed	$	426,400
24947	MLCI-E	10/12/2011	December	MIDC	Fixed	0	1/1/2013	12/31/2014	30.5	25	0	8,200.00	250,100.00	Dec-14	Off System	Purchase	24	Base	8,200.00	$ 30.50	Fixed	$	250,100
13071	MSCG-E	5/21/2009	December	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Dec-14	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$	642,200
31097	MSCG-E	2/21/2013	December	MIDC	Fixed	0	10/1/2014	12/31/2014	40	25	10,400.00	0	416,000.00	Dec-14	Off System	Purchase	3	Term	10,400.00	$ 40.00	Fixed	$	416,000
31628	MSCG-E	4/9/2013	December	MIDC	Fixed	0	10/1/2014	12/31/2014	39.95	25	10,400.00	0	415,480.00	Dec-14	Off System	Purchase	3	Term	10,400.00	$ 39.95	Fixed	$	415,480
32199	MSCG-E	5/29/2013	December	MIDC	Fixed	0	10/1/2014	12/31/2014	41.5	25	10,400.00	0	431,600.00	Dec-14	Off System	Purchase	3	Term	10,400.00	$ 41.50	Fixed	$	431,600
10590	CSEL-E	12/10/2008	January	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-8,200.00	55,800.00	Jan-15	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$	(766,978)
8798	CEI-E	10/24/2008	January	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	8,200.00	1,160,640.00	Jan-15	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$	1,160,640
19934	BARC-E	9/22/2010	January	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Jan-15	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$	511,160
13071	MSCG-E	5/21/2009	January	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Jan-15	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$	642,200
32230	PPMI-E	5/30/2013	January	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	16,400.00	491,180.00	Jan-15	Off System	Purchase	12	Term	16,400.00	$ 29.95	Fixed	$	491,180
32224	PPMI-E	5/30/2013	January	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	31,200.00	0	1,244,880.00	Jan-15	Off System	Purchase	12	Term	31,200.00	$ 39.90	Fixed	$	1,244,880
32231	TEMU-E	5/30/2013	January	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	8,200.00	243,950.00	Jan-15	Off System	Purchase	12	Term	8,200.00	$ 29.75	Fixed	$	243,950
32227	TEMU-E	5/30/2013	January	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	10,400.00	0	410,800.00	Jan-15	Off System	Purchase	12	Term	10,400.00	$ 39.50	Fixed	$	410,800
10590	CSEL-E	12/10/2008	February	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-9,600.00	-7,200.00	50,400.00	Feb-15	Off System	Sale	60	Base	-16,800.00	$ (3.00)	Index	$	(661,464)
8798	CEI-E	10/24/2008	February	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	9,600.00	7,200.00	1,048,320.00	Feb-15	Off System	Purchase	120	Base	16,800.00	$ 62.40	Fixed	$	1,048,320
19934	BARC-E	9/22/2010	February	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	9,600.00	0	471,840.00	Feb-15	Off System	Purchase	60	Base	9,600.00	$ 49.15	Fixed	$	471,840
13071	MSCG-E	5/21/2009	February	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	9,600.00	0	592,800.00	Feb-15	Off System	Purchase	48	Base	9,600.00	$ 61.75	Fixed	$	592,800
32230	PPMI-E	5/30/2013	February	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	14,400.00	431,280.00	Feb-15	Off System	Purchase	12	Term	14,400.00	$ 29.95	Fixed	$	431,280
32224	PPMI-E	5/30/2013	February	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	28,800.00	0	1,149,120.00	Feb-15	Off System	Purchase	12	Term	28,800.00	$ 39.90	Fixed	$	1,149,120
32231	TEMU-E	5/30/2013	February	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	7,200.00	214,200.00	Feb-15	Off System	Purchase	12	Term	7,200.00	$ 29.75	Fixed	$	214,200
32227	TEMU-E	5/30/2013	February	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	9,600.00	0	379,200.00	Feb-15	Off System	Purchase	12	Term	9,600.00	$ 39.50	Fixed	$	379,200
10590	CSEL-E	12/10/2008	March	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-8,175.00	55,725.00	Mar-15	Off System	Sale	60	Base	-18,575.00	$ (3.00)	Index	$	(730,157)
8798	CEI-E	10/24/2008	March	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	8,175.00	1,159,080.00	Mar-15	Off System	Purchase	120	Base	18,575.00	$ 62.40	Fixed	$	1,159,080
19934	BARC-E	9/22/2010	March	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Mar-15	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$	511,160
13071	MSCG-E	5/21/2009	March	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Mar-15	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$	642,200
32230	PPMI-E	5/30/2013	March	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	16,350.00	489,682.50	Mar-15	Off System	Purchase	12	Term	16,350.00	$ 29.95	Fixed	$	489,683
32224	PPMI-E	5/30/2013	March	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	31,200.00	0	1,244,880.00	Mar-15	Off System	Purchase	12	Term	31,200.00	$ 39.90	Fixed	$	1,244,880
32231	TEMU-E	5/30/2013	March	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	8,175.00	243,206.25	Mar-15	Off System	Purchase	12	Term	8,175.00	$ 29.75	Fixed	$	243,206
32227	TEMU-E	5/30/2013	March	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	10,400.00	0	410,800.00	Mar-15	Off System	Purchase	12	Term	10,400.00	$ 39.50	Fixed	$	410,800
10590	CSEL-E	12/10/2008	April	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-7,600.00	54,000.00	Apr-15	Off System	Sale	60	Base	-18,000.00	$ (3.00)	Index	$	(431,584)
8798	CEI-E	10/24/2008	April	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	7,600.00	1,123,200.00	Apr-15	Off System	Purchase	120	Base	18,000.00	$ 62.40	Fixed	$	1,123,200
19934	BARC-E	9/22/2010	April	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Apr-15	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$	511,160
13071	MSCG-E	5/21/2009	April	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Apr-15	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$	642,200
32230	PPMI-E	5/30/2013	April	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	15,200.00	455,240.00	Apr-15	Off System	Purchase	12	Term	15,200.00	$ 29.95	Fixed	$	455,240
32224	PPMI-E	5/30/2013	April	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	31,200.00	0	1,244,880.00	Apr-15	Off System	Purchase	12	Term	31,200.00	$ 39.90	Fixed	$	1,244,880
32231	TEMU-E	5/30/2013	April	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	7,600.00	226,100.00	Apr-15	Off System	Purchase	12	Term	7,600.00	$ 29.75	Fixed	$	226,100
32227	TEMU-E	5/30/2013	April	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	10,400.00	0	410,800.00	Apr-15	Off System	Purchase	12	Term	10,400.00	$ 39.50	Fixed	$	410,800
10590	CSEL-E	12/10/2008	May	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,000.00	-8,600.00	55,800.00	May-15	Off System	Sale	60	Base	-18,600.00	$ (3.00)	Index	$	(399,168)
8798	CEI-E	10/24/2008	May	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,000.00	8,600.00	1,160,640.00	May-15	Off System	Purchase	120	Base	18,600.00	$ 62.40	Fixed	$	1,160,640
19934	BARC-E	9/22/2010	May	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,000.00	0	491,500.00	May-15	Off System	Purchase	60	Base	10,000.00	$ 49.15	Fixed	$	491,500
13071	MSCG-E	5/21/2009	May	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,000.00	0	617,500.00	May-15	Off System	Purchase	48	Base	10,000.00	$ 61.75	Fixed	$	617,500
32230	PPMI-E	5/30/2013	May	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	17,200.00	515,140.00	May-15	Off System	Purchase	12	Term	17,200.00	$ 29.95	Fixed	$	515,140
32224	PPMI-E	5/30/2013	May	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	30,000.00	0	1,197,000.00	May-15	Off System	Purchase	12	Term	30,000.00	$ 39.90	Fixed	$	1,197,000
32231	TEMU-E	5/30/2013	May	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	8,600.00	255,850.00	May-15	Off System	Purchase	12	Term	8,600.00	$ 29.75	Fixed	$	255,850
32227	TEMU-E	5/30/2013	May	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	10,000.00	0	395,000.00	May-15	Off System	Purchase	12	Term	10,000.00	$ 39.50	Fixed	$	395,000
10590	CSEL-E	12/10/2008	June	MIDC	Fixed	0	7/1/2010	6/30/2015	3	-25	-10,400.00	-7,600.00	54,000.00	Jun-15	Off System	Sale	60	Base	-18,000.00	$ (3.00)	Index	$	(395,808)
8798	CEI-E	10/24/2008	June	MIDC	Fixed	0	7/1/2010	6/30/2020	62.4	25	10,400.00	7,600.00	1,123,200.00	Jun-15	Off System	Purchase	120	Base	18,000.00	$ 62.40	Fixed	$	1,123,200
19934	BARC-E	9/22/2010	June	MIDC	Fixed	0	7/1/2012	6/30/2017	49.15	25	10,400.00	0	511,160.00	Jun-15	Off System	Purchase	60	Base	10,400.00	$ 49.15	Fixed	$	511,160
13071	MSCG-E	5/21/2009	June	MIDC	Fixed	0	7/1/2013	6/30/2017	61.75	25	10,400.00	0	642,200.00	Jun-15	Off System	Purchase	48	Base	10,400.00	$ 61.75	Fixed	$	642,200
32230	PPMI-E	5/30/2013	June	MIDC	Fixed	0	1/1/2015	12/31/2015	29.95	50	0	15,200.00	455,240.00	Jun-15	Off System	Purchase	12	Term	15,200.00	$ 29.95	Fixed	$	455,240
32224	PPMI-E	5/30/2013	June	MIDC	Fixed	0	1/1/2015	12/31/2015	39.9	75	31,200.00	0	1,244,880.00	Jun-15	Off System	Purchase	12	Term	31,200.00	$ 39.90	Fixed	$	1,244,880
32231	TEMU-E	5/30/2013	June	MIDC	Fixed	0	1/1/2015	12/31/2015	29.75	25	0	7,600.00	226,100.00	Jun-15	Off System	Purchase	12	Term	7,600.00	$ 29.75	Fixed	$	226,100
32227	TEMU-E	5/30/2013	June	MIDC	Fixed	0	1/1/2015	12/31/2015	39.5	25	10,400.00	0	410,800.00	Jun-15	Off System	Purchase	12	Term	10,400.00	$ 39.50	Fixed	$	410,800
19936	MSCG-E	9/22/2010	July	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Jul-14	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(453,128)
24961	CORP-E	10/14/2011	July	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-41,600.00	0	0	Jul-14	Off System	Sale	12	Term	-41,600.00	$ -	Index	$	(1,812,512)
24962	CORP-E	10/14/2011	July	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-32,800.00	0	Jul-14	Off System	Sale	12	Term	-32,800.00	$ -	Index	$	(654,360)
19936	MSCG-E	9/22/2010	August	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Aug-14	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(539,448)
24961	CORP-E	10/14/2011	August	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-41,600.00	0	0	Aug-14	Off System	Sale	12	Term	-41,600.00	$ -	Index	$	(2,157,792)
24962	CORP-E	10/14/2011	August	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-32,800.00	0	Aug-14	Off System	Sale	12	Term	-32,800.00	$ -	Index	$	(1,100,112)
19936	MSCG-E	9/22/2010	September	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,000.00	0	0	Sep-14	Off System	Sale	60	Base	-10,000.00	$ -	Index	$	(467,500)
24961	CORP-E	10/14/2011	September	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-40,000.00	0	0	Sep-14	Off System	Sale	12	Term	-40,000.00	$ -	Index	$	(1,870,000)
24962	CORP-E	10/14/2011	September	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-32,000.00	0	Sep-14	Off System	Sale	12	Term	-32,000.00	$ -	Index	$	(1,064,640)
19936	MSCG-E	9/22/2010	October	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,800.00	0	0	Oct-14	Off System	Sale	60	Base	-10,800.00	$ -	Index	$	(448,200)
24961	CORP-E	10/14/2011	October	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-43,200.00	0	0	Oct-14	Off System	Sale	12	Term	-43,200.00	$ -	Index	$	(1,792,800)
24962	CORP-E	10/14/2011	October	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-31,200.00	0	Oct-14	Off System	Sale	12	Term	-31,200.00	$ -	Index	$	(1,088,256)

19936	MSCG-E	9/22/2010	November	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-9,600.00	0	0	Nov-14	Off System	Sale	60	Base	-9,600.00	$ -	Index	$	(425,760)
24961	CORP-E	10/14/2011	November	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-38,400.00	0	0	Nov-14	Off System	Sale	12	Term	-38,400.00	$ -	Index	$	(1,703,040)
24962	CORP-E	10/14/2011	November	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-33,700.00	0	Nov-14	Off System	Sale	12	Term	-33,700.00	$ -	Index	$	(1,255,999)
19936	MSCG-E	9/22/2010	December	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Dec-14	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(533,000)
24961	CORP-E	10/14/2011	December	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	-41,600.00	0	0	Dec-14	Off System	Sale	12	Term	-41,600.00	$ -	Index	$	(2,132,000)
24962	CORP-E	10/14/2011	December	MIDC	Index	0	1/1/2014	12/31/2014	0	-100	0	-32,800.00	0	Dec-14	Off System	Sale	12	Term	-32,800.00	$ -	Index	$	(1,412,696)
19936	MSCG-E	9/22/2010	January	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Jan-15	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(455,624)
19936	MSCG-E	9/22/2010	February	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-9,600.00	0	0	Feb-15	Off System	Sale	60	Base	-9,600.00	$ -	Index	$	(400,896)
19936	MSCG-E	9/22/2010	March	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Mar-15	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(434,304)
19936	MSCG-E	9/22/2010	April	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Apr-15	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(312,416)
19936	MSCG-E	9/22/2010	May	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,000.00	0	0	May-15	Off System	Sale	60	Base	-10,000.00	$ -	Index	$	(275,500)
19936	MSCG-E	9/22/2010	June	MIDC	Index	0	7/1/2012	6/30/2017	49.15	-25	-10,400.00	0	0	Jun-15	Off System	Sale	60	Base	-10,400.00	$ -	Index	$	(286,520)
15561	BSNCR-E	2/23/2004	July	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Jul-14	On System	Purchase	180	Base	0.07	$ -	Index	$	2
14065	TIBER-E	7/28/2009	July	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,640.00	144,150.00	Jul-14	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$	144,150
10589	CSEL-E	12/10/2008	July	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	8,200.00	0	Jul-14	On System	Purchase	60	Base	18,600.00	$ -	Index	$	616,718
13070	EPLU-E	5/21/2009	July	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Jul-14	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$	627,120
22602	GORWIND-E	3/31/2011	July	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,312.00	205,968.96	Jul-14	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$	205,969
28202	LOWERSF-E	1/16/2012	July	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	183.79	144.91	23,160.15	Jul-14	On System	Purchase	295	Base	328.70	$ 70.46	Fixed	$	23,160
19933	TEMU-E	9/22/2010	July	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Jul-14	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$	496,600
27365	SPIONKOP-E	4/8/2011	July	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	4,576.00	3,608.00	0	Jul-14	On System	Purchase	303	Rate Basec	8,184.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	July	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	624	492	79,648.92	Jul-14	On System	Purchase	290	Base	1,116.00	$ 71.37	Fixed	$	79,649
26448	MUSSEL-E	3/24/2011	July	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	1,664.00	1,312.00	205,968.96	Jul-14	On System	Purchase	279	Base	2,976.00	$ 69.21	Fixed	$	205,969
26437	TWODOT-E	8/19/2011	July	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	416	328	43,896.00	Jul-14	On System	Purchase	300	Base	744.00	$ 59.00	Fixed	$	43,896
26910	FAIRFIELD-E	3/29/2012	July	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,248.00	984	158,427.36	Jul-14	On System	Purchase	228	Base	2,232.00	$ 70.98	Fixed	$	158,427
35118	BGI	12/16/2013	July	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	19,680.00	1,490,083.20	Jul-14	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$	1,490,083
35119	Broadwater	12/16/2013	July	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,968.00	0	Jul-14	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	July	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	11,480.00	869,215.20	Jul-14	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$	869,215
35120	QFs	12/16/2013	July	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	656	0	Jul-14	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	July	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	1,950.00	0	Jul-14	On System	Purchase	12	Term	1,950.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	July	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	66,256.00	0	Jul-14	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$	-
3524	TIBER-E	5/23/2003	July	NWMT	Fixed	0	5/1/2014	10/31/2014	39.37	-7	-2,912.00	-2,296.00	334,718.16	Jul-14	On System	Sale	6	Base	-5,208.00	$ (64.27)	Fixed	$	(334,718)
36903	UMGF-E	4/30/2014	July	NWMT	Fixed	0	6/1/2014	8/31/2025	0	0	582.4	459.2	50,694.67	Jul-14	On System	Purchase	135	Base	1,041.60	$ 48.67	Fixed	$	50,695
36931	INVE-E	12/29/2004	July	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	12,740.42	10,045.33	723,447.37	Jul-14	On System	Purchase	151	Base	22,785.75	$ 31.75	Fixed	$	723,447
36948	TBUL-E	11/11/2009	July	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	4,855.18	3,828.12	573,097.69	Jul-14	On System	Purchase	197	Base	8,683.30	$ 66.00	Fixed	$	573,098
15561	BSNCR-E	2/23/2004	August	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Aug-14	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	August	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,640.00	144,150.00	Aug-14	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$	144,150
10589	CSEL-E	12/10/2008	August	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	8,200.00	0	Aug-14	On System	Purchase	60	Base	18,600.00	$ -	Index	$	814,476
13070	EPLU-E	5/21/2009	August	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Aug-14	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$	627,120
22602	GORWIND-E	3/31/2011	August	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,312.00	205,968.96	Aug-14	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$	205,969
28202	LOWERSF-E	1/16/2012	August	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	208	164	26,211.12	Aug-14	On System	Purchase	295	Base	372.00	$ 70.46	Fixed	$	26,211
19933	TEMU-E	9/22/2010	August	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Aug-14	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$	496,600
27365	SPIONKOP-E	4/8/2011	August	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	4,576.00	3,608.00	0	Aug-14	On System	Purchase	303	Rate Basec	8,184.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	August	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	624	492	79,648.92	Aug-14	On System	Purchase	290	Base	1,116.00	$ 71.37	Fixed	$	79,649
26448	MUSSEL-E	3/24/2011	August	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	1,664.00	1,312.00	205,968.96	Aug-14	On System	Purchase	279	Base	2,976.00	$ 69.21	Fixed	$	205,969
26437	TWODOT-E	8/19/2011	August	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	832	656	87,792.00	Aug-14	On System	Purchase	300	Base	1,488.00	$ 59.00	Fixed	$	87,792
26910	FAIRFIELD-E	3/29/2012	August	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,248.00	984	158,427.36	Aug-14	On System	Purchase	228	Base	2,232.00	$ 70.98	Fixed	$	158,427
35118	BGI	12/16/2013	August	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	19,680.00	1,490,083.20	Aug-14	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$	1,490,083
35119	Broadwater	12/16/2013	August	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,968.00	0	Aug-14	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	August	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	11,480.00	869,215.20	Aug-14	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$	869,215
35120	QFs	12/16/2013	August	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	656	0	Aug-14	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	August	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	1,950.00	0	Aug-14	On System	Purchase	12	Term	1,950.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	August	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	66,256.00	0	Aug-14	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$	-
3524	TIBER-E	5/23/2003	August	NWMT	Fixed	0	5/1/2014	10/31/2014	39.37	-7	-2,912.00	-2,296.00	278,940.48	Aug-14	On System	Sale	6	Base	-5,208.00	$ (53.56)	Fixed	$	(278,940)
36903	UMGF-E	4/30/2014	August	NWMT	Fixed	0	6/1/2014	8/31/2025	0	0	582.4	459.2	50,132.21	Aug-14	On System	Purchase	135	Base	1,041.60	$ 48.13	Fixed	$	50,132
36931	INVE-E	12/29/2004	August	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	14,084.60	11,105.16	799,774.78	Aug-14	On System	Purchase	151	Base	25,189.76	$ 31.75	Fixed	$	799,775
36948	TBUL-E	11/11/2009	August	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	3,959.82	3,122.17	467,411.16	Aug-14	On System	Purchase	197	Base	7,081.99	$ 66.00	Fixed	$	467,411
15561	BSNCR-E	2/23/2004	September	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Sep-14	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	September	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,000.00	1,600.00	139,500.00	Sep-14	On System	Purchase	192	Base	3,600.00	$ 38.75	Fixed	$	139,500
10589	CSEL-E	12/10/2008	September	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,000.00	8,000.00	0	Sep-14	On System	Purchase	60	Base	18,000.00	$ -	Index	$	733,660
13070	EPLU-E	5/21/2009	September	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,000.00	0	603,000.00	Sep-14	On System	Purchase	84	Base	10,000.00	$ 60.30	Fixed	$	603,000
22602	GORWIND-E	3/31/2011	September	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,600.00	1,280.00	199,324.80	Sep-14	On System	Purchase	300	Base	2,880.00	$ 69.21	Fixed	$	199,325
28202	LOWERSF-E	1/16/2012	September	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	174.92	139.94	22,184.75	Sep-14	On System	Purchase	295	Base	314.86	$ 70.46	Fixed	$	22,185
19933	TEMU-E	9/22/2010	September	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,000.00	0	477,500.00	Sep-14	On System	Purchase	60	Base	10,000.00	$ 47.75	Fixed	$	477,500
27365	SPIONKOP-E	4/8/2011	September	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	5,200.00	4,160.00	0	Sep-14	On System	Purchase	303	Rate Basec	9,360.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	September	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	600	480	77,079.60	Sep-14	On System	Purchase	290	Base	1,080.00	$ 71.37	Fixed	$	77,080
26448	MUSSEL-E	3/24/2011	September	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	1,600.00	1,280.00	199,324.80	Sep-14	On System	Purchase	279	Base	2,880.00	$ 69.21	Fixed	$	199,325
26437	TWODOT-E	8/19/2011	September	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	1,200.00	960	127,440.00	Sep-14	On System	Purchase	300	Base	2,160.00	$ 59.00	Fixed	$	127,440
26910	FAIRFIELD-E	3/29/2012	September	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,200.00	960	153,316.80	Sep-14	On System	Purchase	228	Base	2,160.00	$ 70.98	Fixed	$	153,317
35118	BGI	12/16/2013	September	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,000.00	19,200.00	1,442,016.00	Sep-14	On System	Purchase	144	Base	43,200.00	$ 33.38	Fixed	$	1,442,016
35119	Broadwater	12/16/2013	September	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,400.00	1,920.00	0	Sep-14	On System	Purchase	144	Base	4,320.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	September	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,000.00	11,200.00	841,176.00	Sep-14	On System	Purchase	144	Base	25,200.00	$ 33.38	Fixed	$	841,176
35120	QFs	12/16/2013	September	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	800	640	0	Sep-14	On System	Purchase	144	Base	1,440.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	September	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	1,875.00	0	Sep-14	On System	Purchase	12	Term	1,875.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	September	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	80,800.00	64,640.00	0	Sep-14	On System	Purchase	263	Rate Basec	145,440.00	$ -	Fixed	$	-
3524	TIBER-E	5/23/2003	September	NWMT	Fixed	0	5/1/2014	10/31/2014	39.37	-7	-2,800.00	-2,240.00	269,942.40	Sep-14	On System	Sale	6	Base	-5,040.00	$ (53.56)	Fixed	$	(269,942)
36931	INVE-E	12/29/2004	September	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	15,350.64	12,280.51	877,289.08	Sep-14	On System	Purchase	151	Base	27,631.15	$ 31.75	Fixed	$	877,289
36948	TBUL-E	11/11/2009	September	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	1,746.68	1,397.34	207,505.58	Sep-14	On System	Purchase	197	Base	3,144.02	$ 66.00	Fixed	$	207,506
36336	MT Hydro Ge	3/20/2014	September	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	135,600.00	108,480.00	0	Sep-14	On System	Purchase	292	Base	244,080.00	$ -	Fixed	$	-
15561	BSNCR-E	2/23/2004	October	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Oct-14	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	October	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,160.00	1,560.00	144,150.00	Oct-14	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$	144,150

10589	CSEL-E	12/10/2008	October	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,800.00	7,800.00	0	Oct-14	On System	Purchase	60	Base	18,600.00	$ -	Index	$	720,264
13070	EPLU-E	5/21/2009	October	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,800.00	0	651,240.00	Oct-14	On System	Purchase	84	Base	10,800.00	$ 60.30	Fixed	$	651,240
22602	GORWIND-E	3/31/2011	October	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,728.00	1,248.00	205,968.96	Oct-14	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$	205,969
28202	LOWERSF-E	1/16/2012	October	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	44.8	32.35	5,436.19	Oct-14	On System	Purchase	295	Base	77.15	$ 70.46	Fixed	$	5,436
19933	TEMU-E	9/22/2010	October	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,800.00	0	515,700.00	Oct-14	On System	Purchase	60	Base	10,800.00	$ 47.75	Fixed	$	515,700
27365	SPIONKOP-E	4/8/2011	October	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	8,208.00	5,928.00	0	Oct-14	On System	Purchase	303	Rate Basec	14,136.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	October	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	438.96	317.02	53,954.18	Oct-14	On System	Purchase	290	Base	755.98	$ 71.37	Fixed	$	53,954
26448	MUSSEL-E	3/24/2011	October	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	2,592.00	1,872.00	308,953.44	Oct-14	On System	Purchase	279	Base	4,464.00	$ 69.21	Fixed	$	308,953
26437	TWODOT-E	8/19/2011	October	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	1,728.00	1,248.00	175,584.00	Oct-14	On System	Purchase	300	Base	2,976.00	$ 59.00	Fixed	$	175,584
26910	FAIRFIELD-E	3/29/2012	October	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,728.00	1,248.00	211,236.48	Oct-14	On System	Purchase	228	Base	2,976.00	$ 70.98	Fixed	$	211,236
35118	BGI	12/16/2013	October	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	25,920.00	18,720.00	1,490,083.20	Oct-14	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$	1,490,083
35119	Broadwater	12/16/2013	October	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,592.00	1,872.00	0	Oct-14	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	October	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	15,120.00	10,920.00	869,215.20	Oct-14	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$	869,215
35120	QFs	12/16/2013	October	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	864	624	0	Oct-14	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	October	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	2,025.00	0	Oct-14	On System	Purchase	12	Term	2,025.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	October	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	87,264.00	63,024.00	0	Oct-14	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$	-
3524	TIBER-E	5/23/2003	October	NWMT	Fixed	0	5/1/2014	10/31/2014	39.37	-7	-3,024.00	-2,184.00	278,940.48	Oct-14	On System	Sale	6	Base	-5,208.00	$ (53.56)	Fixed	$	(278,940)
36931	INVE-E	12/29/2004	October	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	24,918.71	17,996.85	1,362,568.93	Oct-14	On System	Purchase	151	Base	42,915.56	$ 31.75	Fixed	$	1,362,569
36948	TBUL-E	11/11/2009	October	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	1,027.94	742.4	116,842.97	Oct-14	On System	Purchase	197	Base	1,770.34	$ 66.00	Fixed	$	116,843
36336	MT Hydro Ger	3/20/2014	October	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	149,040.00	107,640.00	0	Oct-14	On System	Purchase	292	Base	256,680.00	$ -	Fixed	$	-
15561	BSNCR-E	2/23/2004	November	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Nov-14	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	November	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	1,920.00	1,685.00	139,693.75	Nov-14	On System	Purchase	192	Base	3,605.00	$ 38.75	Fixed	$	139,694
10589	CSEL-E	12/10/2008	November	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	9,600.00	8,425.00	0	Nov-14	On System	Purchase	60	Base	18,025.00	$ -	Index	$	739,760
13070	EPLU-E	5/21/2009	November	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	9,600.00	0	578,880.00	Nov-14	On System	Purchase	84	Base	9,600.00	$ 60.30	Fixed	$	578,880
22602	GORWIND-E	3/31/2011	November	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,536.00	1,348.00	199,601.64	Nov-14	On System	Purchase	300	Base	2,884.00	$ 69.21	Fixed	$	199,602
19933	TEMU-E	9/22/2010	November	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	9,600.00	0	458,400.00	Nov-14	On System	Purchase	60	Base	9,600.00	$ 47.75	Fixed	$	458,400
27365	SPIONKOP-E	4/8/2011	November	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	7,680.00	6,720.00	0	Nov-14	On System	Purchase	303	Rate Basec	14,400.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	November	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	192	168	25,693.20	Nov-14	On System	Purchase	290	Base	360.00	$ 71.37	Fixed	$	25,693
26448	MUSSEL-E	3/24/2011	November	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	3,072.00	2,688.00	398,649.60	Nov-14	On System	Purchase	279	Base	5,760.00	$ 69.21	Fixed	$	398,650
26437	TWODOT-E	8/19/2011	November	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	1,920.00	1,685.00	212,695.00	Nov-14	On System	Purchase	300	Base	3,605.00	$ 59.00	Fixed	$	212,695
26910	FAIRFIELD-E	3/29/2012	November	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,920.00	1,685.00	255,882.90	Nov-14	On System	Purchase	228	Base	3,605.00	$ 70.98	Fixed	$	255,883
35118	BGI	12/16/2013	November	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	23,040.00	20,220.00	1,444,018.80	Nov-14	On System	Purchase	144	Base	43,260.00	$ 33.38	Fixed	$	1,444,019
35119	Broadwater	12/16/2013	November	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,304.00	2,022.00	0	Nov-14	On System	Purchase	144	Base	4,326.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	November	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	13,440.00	11,795.00	842,344.30	Nov-14	On System	Purchase	144	Base	25,235.00	$ 33.38	Fixed	$	842,344
35120	QFs	12/16/2013	November	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	768	674	0	Nov-14	On System	Purchase	144	Base	1,442.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	November	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	1,800.00	0	Nov-14	On System	Purchase	12	Term	1,800.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	November	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	77,568.00	67,872.00	0	Nov-14	On System	Purchase	263	Rate Basec	145,440.00	$ -	Fixed	$	-
36931	INVE-E	12/29/2004	November	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	25,622.21	22,419.43	1,525,322.07	Nov-14	On System	Purchase	151	Base	48,041.64	$ 31.75	Fixed	$	1,525,322
36336	MT Hydro Ger	3/20/2014	November	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	147,840.00	129,360.00	0	Nov-14	On System	Purchase	292	Base	277,200.00	$ -	Fixed	$	-
15561	BSNCR-E	2/23/2004	December	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Dec-14	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	December	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,640.00	144,150.00	Dec-14	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$	144,150
10589	CSEL-E	12/10/2008	December	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	8,200.00	0	Dec-14	On System	Purchase	60	Base	18,600.00	$ -	Index	$	886,174
13070	EPLU-E	5/21/2009	December	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Dec-14	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$	627,120
22602	GORWIND-E	3/31/2011	December	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,312.00	205,968.96	Dec-14	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$	205,969
19933	TEMU-E	9/22/2010	December	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Dec-14	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$	496,600
27365	SPIONKOP-E	4/8/2011	December	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	6,656.00	5,248.00	0	Dec-14	On System	Purchase	303	Rate Basec	11,904.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	December	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	208	164	26,549.64	Dec-14	On System	Purchase	290	Base	372.00	$ 71.37	Fixed	$	26,550
26448	MUSSEL-E	3/24/2011	December	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	3,328.00	2,624.00	411,937.92	Dec-14	On System	Purchase	279	Base	5,952.00	$ 69.21	Fixed	$	411,938
26437	TWODOT-E	8/19/2011	December	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	2,496.00	1,968.00	263,376.00	Dec-14	On System	Purchase	300	Base	4,464.00	$ 59.00	Fixed	$	263,376
26910	FAIRFIELD-E	3/29/2012	December	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,664.00	1,312.00	211,236.48	Dec-14	On System	Purchase	228	Base	2,976.00	$ 70.98	Fixed	$	211,236
35118	BGI	12/16/2013	December	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	19,680.00	1,490,083.20	Dec-14	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$	1,490,083
35119	Broadwater	12/16/2013	December	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,968.00	0	Dec-14	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	December	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	11,480.00	869,215.20	Dec-14	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$	869,215
35120	QFs	12/16/2013	December	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	656	0	Dec-14	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$	-
35073	SCL-E	12/10/2013	December	NWMT	Fixed	0	1/2/2014	12/31/2014	0	0	0	1,950.00	0	Dec-14	On System	Purchase	12	Term	1,950.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	December	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	66,256.00	0	Dec-14	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$	-
36931	INVE-E	12/29/2004	December	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	31,028.36	24,464.67	1,761,903.56	Dec-14	On System	Purchase	151	Base	55,493.03	$ 31.75	Fixed	$	1,761,904
36336	MT Hydro Ger	3/20/2014	December	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	170,976.00	134,808.00	0	Dec-14	On System	Purchase	292	Base	305,784.00	$ -	Fixed	$	-
15561	BSNCR-E	2/23/2004	January	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Jan-15	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	January	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,640.00	144,150.00	Jan-15	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$	144,150
10589	CSEL-E	12/10/2008	January	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	8,200.00	0	Jan-15	On System	Purchase	60	Base	18,600.00	$ -	Index	$	766,978
13070	EPLU-E	5/21/2009	January	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Jan-15	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$	627,120
22602	GORWIND-E	3/31/2011	January	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,312.00	205,968.96	Jan-15	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$	205,969
19933	TEMU-E	9/22/2010	January	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Jan-15	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$	496,600
27365	SPIONKOP-E	4/8/2011	January	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	9,984.00	7,872.00	0	Jan-15	On System	Purchase	303	Rate Basec	17,856.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	January	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	208	164	26,612.88	Jan-15	On System	Purchase	290	Base	372.00	$ 71.54	Fixed	$	26,613
26448	MUSSEL-E	3/24/2011	January	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	3,328.00	2,624.00	411,937.92	Jan-15	On System	Purchase	279	Base	5,952.00	$ 69.21	Fixed	$	411,938
26437	TWODOT-E	8/19/2011	January	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	2,912.00	2,296.00	307,272.00	Jan-15	On System	Purchase	300	Base	5,208.00	$ 59.00	Fixed	$	307,272
26910	FAIRFIELD-E	3/29/2012	January	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	2,080.00	1,640.00	265,347.60	Jan-15	On System	Purchase	228	Base	3,720.00	$ 71.33	Fixed	$	265,348
35118	BGI	12/16/2013	January	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	19,680.00	1,490,083.20	Jan-15	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$	1,490,083
35119	Broadwater	12/16/2013	January	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,968.00	0	Jan-15	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	January	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	11,480.00	869,215.20	Jan-15	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$	869,215
35120	QFs	12/16/2013	January	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	656	0	Jan-15	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	January	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	66,256.00	0	Jan-15	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$	-
36931	INVE-E	12/29/2004	January	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	33,185.61	26,165.58	1,884,400.17	Jan-15	On System	Purchase	151	Base	59,351.19	$ 31.75	Fixed	$	1,884,400
36336	MT Hydro Ger	3/20/2014	January	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	165,152.00	130,216.00	0	Jan-15	On System	Purchase	292	Base	295,368.00	$ -	Fixed	$	-
35348	CRZYMTN-E	12/18/2013	January	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	7,072.00	5,576.00	517,935.60	Jan-15	On System	Purchase	300	Base	12,648.00	$ 40.95	Fixed	$	517,936
15561	BSNCR-E	2/23/2004	February	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Feb-15	On System	Purchase	180	Base	0.07	$ -	Index	$	3
14065	TIBER-E	7/28/2009	February	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	1,920.00	1,440.00	130,200.00	Feb-15	On System	Purchase	192	Base	3,360.00	$ 38.75	Fixed	$	130,200
10589	CSEL-E	12/10/2008	February	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	9,600.00	7,200.00	0	Feb-15	On System	Purchase	60	Base	16,800.00	$ -	Index	$	661,464

13070	EPLU-E	5/21/2009	February	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	9,600.00	0	578,880.00	Feb-15	On System	Purchase	84	Base	9,600.00	$ 60.30	Fixed	$ 578,880
22602	GORWIND-E	3/31/2011	February	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,536.00	1,152.00	186,036.48	Feb-15	On System	Purchase	300	Base	2,688.00	$ 69.21	Fixed	$ 186,036
19933	TEMU-E	9/22/2010	February	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	9,600.00	0	458,400.00	Feb-15	On System	Purchase	60	Base	9,600.00	$ 47.75	Fixed	$ 458,400
27365	SPIONKOP-E	4/8/2011	February	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	6,144.00	4,608.00	0	Feb-15	On System	Purchase	303	Rate Basec	10,752.00	$ -	Fixed	$ -
26435	FCHYDRO-E	1/16/2012	February	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	192	144	24,037.44	Feb-15	On System	Purchase	290	Base	336.00	$ 71.54	Fixed	$ 24,037
26448	MUSSEL-E	3/24/2011	February	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	2,688.00	2,016.00	325,563.84	Feb-15	On System	Purchase	279	Base	4,704.00	$ 69.21	Fixed	$ 325,564
26437	TWODOT-E	8/19/2011	February	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	2,304.00	1,728.00	237,888.00	Feb-15	On System	Purchase	300	Base	4,032.00	$ 59.00	Fixed	$ 237,888
26910	FAIRFIELD-E	3/29/2012	February	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,152.00	864	143,801.28	Feb-15	On System	Purchase	228	Base	2,016.00	$ 71.33	Fixed	$ 143,801
35118	BGI	12/16/2013	February	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	23,040.00	17,280.00	1,345,881.60	Feb-15	On System	Purchase	144	Base	40,320.00	$ 33.38	Fixed	$ 1,345,882
35119	Broadwater	12/16/2013	February	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,304.00	1,728.00	0	Feb-15	On System	Purchase	144	Base	4,032.00	$ -	Fixed	$ -
35117	Montana 1	12/16/2013	February	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	13,440.00	10,080.00	785,097.60	Feb-15	On System	Purchase	144	Base	23,520.00	$ 33.38	Fixed	$ 785,098
35120	QFs	12/16/2013	February	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	768	576	0	Feb-15	On System	Purchase	144	Base	1,344.00	$ -	Fixed	$ -
35517	CU4-E	12/29/2008	February	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	77,568.00	58,176.00	0	Feb-15	On System	Purchase	263	Rate Basec	135,744.00	$ -	Fixed	$ -
36931	INVE-E	12/29/2004	February	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	24,673.54	18,505.15	1,370,923.34	Feb-15	On System	Purchase	151	Base	43,178.69	$ 31.75	Fixed	$ 1,370,923
36336	MT Hydro Ge	3/20/2014	February	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	157,440.00	118,080.00	0	Feb-15	On System	Purchase	292	Base	275,520.00	$ -	Fixed	$ -
35348	CRZYMTN-E	12/18/2013	February	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	4,608.00	3,456.00	330,220.80	Feb-15	On System	Purchase	300	Base	8,064.00	$ 40.95	Fixed	$ 330,221
15561	BSNCR-E	2/23/2004	March	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Mar-15	On System	Purchase	180	Base	0.07	$ -	Index	$ 3
14065	TIBER-E	7/28/2009	March	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,635.00	143,956.25	Mar-15	On System	Purchase	192	Base	3,715.00	$ 38.75	Fixed	$ 143,956
10589	CSEL-E	12/10/2008	March	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	8,175.00	0	Mar-15	On System	Purchase	60	Base	18,575.00	$ -	Index	$ 730,157
13070	EPLU-E	5/21/2009	March	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Mar-15	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$ 627,120
22602	GORWIND-E	3/31/2011	March	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,308.00	205,692.12	Mar-15	On System	Purchase	300	Base	2,972.00	$ 69.21	Fixed	$ 205,692
19933	TEMU-E	9/22/2010	March	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Mar-15	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$ 496,600
27365	SPIONKOP-E	4/8/2011	March	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	6,656.00	5,232.00	0	Mar-15	On System	Purchase	303	Rate Basec	11,888.00	$ -	Fixed	$ -
26435	FCHYDRO-E	1/16/2012	March	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	208	163.5	26,577.11	Mar-15	On System	Purchase	290	Base	371.50	$ 71.54	Fixed	$ 26,577
26448	MUSSEL-E	3/24/2011	March	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	2,496.00	1,962.00	308,538.18	Mar-15	On System	Purchase	279	Base	4,458.00	$ 69.21	Fixed	$ 308,538
26437	TWODOT-E	8/19/2011	March	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	2,080.00	1,635.00	219,185.00	Mar-15	On System	Purchase	300	Base	3,715.00	$ 59.00	Fixed	$ 219,185
26910	FAIRFIELD-E	3/29/2012	March	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,664.00	1,308.00	211,992.76	Mar-15	On System	Purchase	228	Base	2,972.00	$ 71.33	Fixed	$ 211,993
35118	BGI	12/16/2013	March	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	19,620.00	1,488,080.40	Mar-15	On System	Purchase	144	Base	44,580.00	$ 33.38	Fixed	$ 1,488,080
35119	Broadwater	12/16/2013	March	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,962.00	0	Mar-15	On System	Purchase	144	Base	4,458.00	$ -	Fixed	$ -
35117	Montana 1	12/16/2013	March	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	11,445.00	868,046.90	Mar-15	On System	Purchase	144	Base	26,005.00	$ 33.38	Fixed	$ 868,047
35120	QFs	12/16/2013	March	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	654	0	Mar-15	On System	Purchase	144	Base	1,486.00	$ -	Fixed	$ -
35517	CU4-E	12/29/2008	March	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	66,054.00	0	Mar-15	On System	Purchase	263	Rate Basec	150,086.00	$ -	Fixed	$ -
36931	INVE-E	12/29/2004	March	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	23,979.32	18,849.13	1,359,803.34	Mar-15	On System	Purchase	151	Base	42,828.45	$ 31.75	Fixed	$ 1,359,803
36336	MT Hydro Ge	3/20/2014	March	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	158,912.00	124,914.00	0	Mar-15	On System	Purchase	292	Base	283,826.00	$ -	Fixed	$ -
35348	CRZYMTN-E	12/18/2013	March	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	4,992.00	3,924.00	365,110.20	Mar-15	On System	Purchase	300	Base	8,916.00	$ 40.95	Fixed	$ 365,110
15561	BSNCR-E	2/23/2004	April	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Apr-15	On System	Purchase	180	Base	0.07	$ -	Index	$ 2
14065	TIBER-E	7/28/2009	April	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,520.00	139,500.00	Apr-15	On System	Purchase	192	Base	3,600.00	$ 38.75	Fixed	$ 139,500
10589	CSEL-E	12/10/2008	April	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	7,600.00	0	Apr-15	On System	Purchase	60	Base	18,000.00	$ -	Index	$ 431,584
13070	EPLU-E	5/21/2009	April	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Apr-15	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$ 627,120
22602	GORWIND-E	3/31/2011	April	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,216.00	199,324.80	Apr-15	On System	Purchase	300	Base	2,880.00	$ 69.21	Fixed	$ 199,325
28202	LOWERSF-E	1/16/2012	April	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	62.94	46	7,694.15	Apr-15	On System	Purchase	295	Base	108.94	$ 70.63	Fixed	$ 7,694
19933	TEMU-E	9/22/2010	April	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Apr-15	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$ 496,600
27365	SPIONKOP-E	4/8/2011	April	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	6,656.00	4,864.00	0	Apr-15	On System	Purchase	303	Rate Basec	11,520.00	$ -	Fixed	$ -
26435	FCHYDRO-E	1/16/2012	April	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	208	152	25,754.40	Apr-15	On System	Purchase	290	Base	360.00	$ 71.54	Fixed	$ 25,754
26448	MUSSEL-E	3/24/2011	April	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	2,496.00	1,824.00	298,987.20	Apr-15	On System	Purchase	279	Base	4,320.00	$ 69.21	Fixed	$ 298,987
26437	TWODOT-E	8/19/2011	April	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	1,248.00	912	127,440.00	Apr-15	On System	Purchase	300	Base	2,160.00	$ 59.00	Fixed	$ 127,440
26910	FAIRFIELD-E	3/29/2012	April	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,664.00	1,216.00	205,430.40	Apr-15	On System	Purchase	228	Base	2,880.00	$ 71.33	Fixed	$ 205,430
35118	BGI	12/16/2013	April	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	18,240.00	1,442,016.00	Apr-15	On System	Purchase	144	Base	43,200.00	$ 33.38	Fixed	$ 1,442,016
35119	Broadwater	12/16/2013	April	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,824.00	0	Apr-15	On System	Purchase	144	Base	4,320.00	$ -	Fixed	$ -
35117	Montana 1	12/16/2013	April	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	10,640.00	841,176.00	Apr-15	On System	Purchase	144	Base	25,200.00	$ 33.38	Fixed	$ 841,176
35120	QFs	12/16/2013	April	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	608	0	Apr-15	On System	Purchase	144	Base	1,440.00	$ -	Fixed	$ -
35517	CU4-E	12/29/2008	April	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	61,408.00	0	Apr-15	On System	Purchase	263	Rate Basec	145,440.00	$ -	Fixed	$ -
36931	INVE-E	12/29/2004	April	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	23,413.52	17,109.88	1,286,617.95	Apr-15	On System	Purchase	151	Base	40,523.40	$ 31.75	Fixed	$ 1,286,618
36336	MT Hydro Ge	3/20/2014	April	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	171,808.00	125,552.00	0	Apr-15	On System	Purchase	292	Base	297,360.00	$ -	Fixed	$ -
35348	CRZYMTN-E	12/18/2013	April	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	4,160.00	3,040.00	294,840.00	Apr-15	On System	Purchase	300	Base	7,200.00	$ 40.95	Fixed	$ 294,840
15561	BSNCR-E	2/23/2004	May	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	May-15	On System	Purchase	180	Base	0.07	$ -	Index	$ 2
14065	TIBER-E	7/28/2009	May	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,000.00	1,720.00	144,150.00	May-15	On System	Purchase	192	Base	3,720.00	$ 38.75	Fixed	$ 144,150
10589	CSEL-E	12/10/2008	May	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,000.00	8,600.00	0	May-15	On System	Purchase	60	Base	18,600.00	$ -	Index	$ 399,168
13070	EPLU-E	5/21/2009	May	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,000.00	0	603,000.00	May-15	On System	Purchase	84	Base	10,000.00	$ 60.30	Fixed	$ 603,000
22602	GORWIND-E	3/31/2011	May	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,600.00	1,376.00	205,968.96	May-15	On System	Purchase	300	Base	2,976.00	$ 69.21	Fixed	$ 205,969
28202	LOWERSF-E	1/16/2012	May	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	162.68	139.9	21,371.56	May-15	On System	Purchase	295	Base	302.58	$ 70.63	Fixed	$ 21,372
19933	TEMU-E	9/22/2010	May	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,000.00	0	477,500.00	May-15	On System	Purchase	60	Base	10,000.00	$ 47.75	Fixed	$ 477,500
27365	SPIONKOP-E	4/8/2011	May	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	4,800.00	4,128.00	0	May-15	On System	Purchase	303	Rate Basec	8,928.00	$ -	Fixed	$ -
26435	FCHYDRO-E	1/16/2012	May	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	387.08	332.89	51,506.57	May-15	On System	Purchase	290	Base	719.97	$ 71.54	Fixed	$ 51,507
26448	MUSSEL-E	3/24/2011	May	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	2,400.00	2,064.00	308,953.44	May-15	On System	Purchase	279	Base	4,464.00	$ 69.21	Fixed	$ 308,953
26437	TWODOT-E	8/19/2011	May	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	1,200.00	1,032.00	131,688.00	May-15	On System	Purchase	300	Base	2,232.00	$ 59.00	Fixed	$ 131,688
26910	FAIRFIELD-E	3/29/2012	May	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,600.00	1,376.00	212,278.08	May-15	On System	Purchase	228	Base	2,976.00	$ 71.33	Fixed	$ 212,278
35118	BGI	12/16/2013	May	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,000.00	20,640.00	1,490,083.20	May-15	On System	Purchase	144	Base	44,640.00	$ 33.38	Fixed	$ 1,490,083
35119	Broadwater	12/16/2013	May	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,400.00	2,064.00	0	May-15	On System	Purchase	144	Base	4,464.00	$ -	Fixed	$ -
35117	Montana 1	12/16/2013	May	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,000.00	12,040.00	869,215.20	May-15	On System	Purchase	144	Base	26,040.00	$ 33.38	Fixed	$ 869,215
35120	QFs	12/16/2013	May	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	800	688	0	May-15	On System	Purchase	144	Base	1,488.00	$ -	Fixed	$ -
35517	CU4-E	12/29/2008	May	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	80,800.00	69,488.00	0	May-15	On System	Purchase	263	Rate Basec	150,288.00	$ -	Fixed	$ -
36931	INVE-E	12/29/2004	May	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	18,914.32	16,266.32	1,116,985.17	May-15	On System	Purchase	151	Base	35,180.64	$ 31.75	Fixed	$ 1,116,985
36948	TBUL-E	11/11/2009	May	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	2,491.68	2,142.84	313,989.06	May-15	On System	Purchase	197	Base	4,634.52	$ 67.75	Fixed	$ 313,989
36336	MT Hydro Ge	3/20/2014	May	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	194,400.00	167,184.00	0	May-15	On System	Purchase	292	Base	361,584.00	$ -	Fixed	$ -
35348	CRZYMTN-E	12/18/2013	May	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	3,200.00	2,752.00	243,734.40	May-15	On System	Purchase	300	Base	5,952.00	$ 40.95	Fixed	$ 243,734
3525	TIBER-E	5/23/2003	May	NWMT	Fixed	0	5/1/2015	10/31/2015	40.35	-7	-2,800.00	-2,408.00	210,142.80	May-15	On System	Sale	6	Base	-5,208.00	$ (40.35)	Fixed	$ (210,143)
15561	BSNCR-E	2/23/2004	June	NWMT	Fixed	0	1/1/2010	12/31/2024	0	0	0.04	0.03	0	Jun-15	On System	Purchase	180	Base	0.07	$ -	Index	$ 2
14065	TIBER-E	7/28/2009	June	NWMT	Fixed	0	1/1/2010	12/31/2025	0	5	2,080.00	1,520.00	139,500.00	Jun-15	On System	Purchase	192	Base	3,600.00	$ 38.75	Fixed	$ 139,500
10589	CSEL-E	12/10/2008	June	NWMT	Fixed	0	7/1/2010	6/30/2015	0	25	10,400.00	7,600.00	0	Jun-15	On System	Purchase	60	Base	18,000.00	$ -	Index	$ 395,808

13070	EPLU-E	5/21/2009	June	NWMT	Fixed	0	7/1/2010	6/30/2017	60.3	25	10,400.00	0	627,120.00	Jun-15	On System	Purchase	84	Base	10,400.00	$ 60.30	Fixed	$	627,120
22602	GORWIND-E	3/31/2011	June	NWMT	Fixed	0	10/31/2011	10/30/2036	69.21	4	1,664.00	1,216.00	199,324.80	Jun-15	On System	Purchase	300	Base	2,880.00	$ 69.21	Fixed	$	199,325
28202	LOWERSF-E	1/16/2012	June	NWMT	Fixed	0	6/25/2012	1/15/2037	0	0	208.5	152.36	25,487.82	Jun-15	On System	Purchase	295	Base	360.86	$ 70.63	Fixed	$	25,488
19933	TEMU-E	9/22/2010	June	NWMT	Fixed	0	7/1/2012	6/30/2017	47.75	25	10,400.00	0	496,600.00	Jun-15	On System	Purchase	60	Base	10,400.00	$ 47.75	Fixed	$	496,600
27365	SPIONKOP-E	4/8/2011	June	NWMT	Fixed	0	9/20/2012	12/31/2037	0	0	4,992.00	3,648.00	0	Jun-15	On System	Purchase	303	Rate Basec	8,640.00	$ -	Fixed	$	-
26435	FCHYDRO-E	1/16/2012	June	NWMT	Fixed	0	12/1/2012	1/31/2037	0	0	624	456	77,263.20	Jun-15	On System	Purchase	290	Base	1,080.00	$ 71.54	Fixed	$	77,263
26448	MUSSEL-E	3/24/2011	June	NWMT	Fixed	0	12/31/2012	3/24/2036	0	0	1,664.00	1,216.00	199,324.80	Jun-15	On System	Purchase	279	Base	2,880.00	$ 69.21	Fixed	$	199,325
26437	TWODOT-E	8/19/2011	June	NWMT	Fixed	0	12/31/2012	12/31/2037	0	0	832	608	84,960.00	Jun-15	On System	Purchase	300	Base	1,440.00	$ 59.00	Fixed	$	84,960
26910	FAIRFIELD-E	3/29/2012	June	NWMT	Fixed	0	12/31/2013	12/31/2032	0	0	1,248.00	912	154,072.80	Jun-15	On System	Purchase	228	Base	2,160.00	$ 71.33	Fixed	$	154,073
35118	BGI	12/16/2013	June	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	60	24,960.00	18,240.00	1,442,016.00	Jun-15	On System	Purchase	144	Base	43,200.00	$ 33.38	Fixed	$	1,442,016
35119	Broadwater	12/16/2013	June	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	10	2,496.00	1,824.00	0	Jun-15	On System	Purchase	144	Base	4,320.00	$ -	Fixed	$	-
35117	Montana 1	12/16/2013	June	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	35	14,560.00	10,640.00	841,176.00	Jun-15	On System	Purchase	144	Base	25,200.00	$ 33.38	Fixed	$	841,176
35120	QFs	12/16/2013	June	NWMT	Fixed	0	1/1/2014	12/31/2025	33.38	2	832	608	0	Jun-15	On System	Purchase	144	Base	1,440.00	$ -	Fixed	$	-
35517	CU4-E	12/29/2008	June	NWMT	Fixed	0	2/1/2014	12/31/2035	0	0	84,032.00	61,408.00	0	Jun-15	On System	Purchase	263	Rate Basec	145,440.00	$ -	Fixed	$	-
36903	UMGF-E	4/30/2014	June	NWMT	Fixed	0	6/1/2014	8/31/2025	0	0	956.8	699.2	81,425.52	Jun-15	On System	Purchase	135	Base	1,656.00	$ 49.17	Fixed	$	81,426
36931	INVE-E	12/29/2004	June	NWMT	Fixed	0	6/1/2014	12/31/2026	0	0	16,620.45	12,145.71	913,325.58	Jun-15	On System	Purchase	151	Base	28,766.16	$ 31.75	Fixed	$	913,326
36948	TBUL-E	11/11/2009	June	NWMT	Fixed	0	6/1/2014	10/31/2030	0	0	4,834.54	3,532.94	566,896.77	Jun-15	On System	Purchase	197	Base	8,367.48	$ 67.75	Fixed	$	566,897
36336	MT Hydro Ger	3/20/2014	June	NWMT	Fixed	0	9/1/2014	12/31/2038	0	0	210,080.00	153,520.00	0	Jun-15	On System	Purchase	292	Base	363,600.00	$ -	Fixed	$	-
35348	CRZYMTN-E	12/18/2013	June	NWMT	Fixed	0	1/1/2015	12/31/2039	0	0	3,328.00	2,432.00	235,872.00	Jun-15	On System	Purchase	300	Base	5,760.00	$ 40.95	Fixed	$	235,872
3525	TIBER-E	5/23/2003	June	NWMT	Fixed	0	5/1/2015	10/31/2015	40.35	-7	-2,912.00	-2,128.00	332,035.20	Jun-15	On System	Sale	6	Base	-5,040.00	$ (65.88)	Fixed	$	(332,035)
19935	MSCG-E	9/22/2010	July	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Jul-14	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	432,328
24948	PWX-E	10/13/2011	July	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	16,400.00	-77,900.00	Jul-14	On System	Purchase	24	Base	16,400.00	$ (4.75)	Index	$	249,280
34372	MILL CREEK-E	12/17/2012	July	NWMT	Index	0	1/1/2014	12/31/2014	0	7	2,912.00	2,296.00	0	Jul-14	On System	Purchase	12	Rate Basec	5,208.00	$ -	Index	$	172,681
36423	AVWP-E	3/26/2014	July	NWMT	Index	0	6/1/2014	8/31/2014	0	25	10,400.00	0	0	Jul-14	On System	Purchase	3	Term	10,400.00	$ -	Index	$	453,128
36587	MSCG-E	4/9/2014	July	NWMT	Index	-0.5	7/1/2014	7/31/2014	0	50	20,800.00	0	-10,400.00	Jul-14	On System	Purchase	1	Term	20,800.00	$ (0.50)	Index	$	895,856
36586	MSCG-E	4/9/2014	July	NWMT	Index	-0.75	7/1/2014	7/31/2014	0	25	10,400.00	0	-7,800.00	Jul-14	On System	Purchase	1	Term	10,400.00	$ (0.75)	Index	$	445,328
36315	PGEM-E	3/19/2014	July	NWMT	Index	0	7/1/2014	8/31/2014	0	75	31,200.00	0	0	Jul-14	On System	Purchase	2	Term	31,200.00	$ -	Index	$	1,359,384
32235	EPLU-E	5/30/2013	July	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	83,200.00	0	-137,280.00	Jul-14	On System	Purchase	6	Term	83,200.00	$ (1.65)	Index	$	3,487,744
32289	PWX-E	6/3/2013	July	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Jul-14	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	864,656
32288	PWX-E	6/3/2013	July	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,400.00	-57,400.00	Jul-14	On System	Purchase	18	Term	16,400.00	$ (3.50)	Index	$	269,780
19935	MSCG-E	9/22/2010	August	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Aug-14	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	518,648
24948	PWX-E	10/13/2011	August	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	16,400.00	-77,900.00	Aug-14	On System	Purchase	24	Base	16,400.00	$ (4.75)	Index	$	472,156
34372	MILL CREEK-E	12/17/2012	August	NWMT	Index	0	1/1/2014	12/31/2014	0	7	2,912.00	2,296.00	0	Aug-14	On System	Purchase	12	Rate Basec	5,208.00	$ -	Index	$	228,053
36423	AVWP-E	3/26/2014	August	NWMT	Index	0	6/1/2014	8/31/2014	0	25	10,400.00	0	0	Aug-14	On System	Purchase	3	Term	10,400.00	$ -	Index	$	539,448
36315	PGEM-E	3/19/2014	August	NWMT	Index	0	7/1/2014	8/31/2014	0	75	31,200.00	0	0	Aug-14	On System	Purchase	2	Term	31,200.00	$ -	Index	$	1,618,344
32235	EPLU-E	5/30/2013	August	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	83,200.00	0	-137,280.00	Aug-14	On System	Purchase	6	Term	83,200.00	$ (1.65)	Index	$	4,178,304
32289	PWX-E	6/3/2013	August	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Aug-14	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	1,037,296
32288	PWX-E	6/3/2013	August	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,400.00	-57,400.00	Aug-14	On System	Purchase	18	Term	16,400.00	$ (3.50)	Index	$	492,656
36588	MSCG-E	4/9/2014	August	NWMT	Index	0	8/1/2014	8/31/2014	0	25	10,400.00	0	0	Aug-14	On System	Purchase	1	Term	10,400.00	$ -	Index	$	539,448
19935	MSCG-E	9/22/2010	September	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,000.00	0	-20,000.00	Sep-14	On System	Purchase	60	Base	10,000.00	$ (2.00)	Index	$	447,500
24948	PWX-E	10/13/2011	September	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	16,000.00	-76,000.00	Sep-14	On System	Purchase	24	Base	16,000.00	$ (4.75)	Index	$	456,320
34372	MILL CREEK-E	12/17/2012	September	NWMT	Index	0	1/1/2014	12/31/2014	0	7	2,800.00	2,240.00	0	Sep-14	On System	Purchase	12	Rate Basec	5,040.00	$ -	Index	$	205,425
32235	EPLU-E	5/30/2013	September	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	80,000.00	0	-132,000.00	Sep-14	On System	Purchase	6	Term	80,000.00	$ (1.65)	Index	$	3,608,000
32289	PWX-E	6/3/2013	September	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,000.00	0	-40,000.00	Sep-14	On System	Purchase	18	Term	20,000.00	$ (2.00)	Index	$	895,000
32288	PWX-E	6/3/2013	September	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,000.00	-56,000.00	Sep-14	On System	Purchase	18	Term	16,000.00	$ (3.50)	Index	$	476,320
19935	MSCG-E	9/22/2010	October	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,800.00	0	-21,600.00	Oct-14	On System	Purchase	60	Base	10,800.00	$ (2.00)	Index	$	426,600
24948	PWX-E	10/13/2011	October	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	15,600.00	-74,100.00	Oct-14	On System	Purchase	24	Base	15,600.00	$ (4.75)	Index	$	470,028
34372	MILL CREEK-E	12/17/2012	October	NWMT	Index	0	1/1/2014	12/31/2014	0	7	3,024.00	2,184.00	0	Oct-14	On System	Purchase	12	Rate Basec	5,208.00	$ -	Index	$	201,674
32235	EPLU-E	5/30/2013	October	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	86,400.00	0	-142,560.00	Oct-14	On System	Purchase	6	Term	86,400.00	$ (1.65)	Index	$	3,443,040
32289	PWX-E	6/3/2013	October	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	21,600.00	0	-43,200.00	Oct-14	On System	Purchase	18	Term	21,600.00	$ (2.00)	Index	$	853,200
32288	PWX-E	6/3/2013	October	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	15,600.00	-54,600.00	Oct-14	On System	Purchase	18	Term	15,600.00	$ (3.50)	Index	$	489,528
19935	MSCG-E	9/22/2010	November	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	9,600.00	0	-19,200.00	Nov-14	On System	Purchase	60	Base	9,600.00	$ (2.00)	Index	$	406,560
24948	PWX-E	10/13/2011	November	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	16,850.00	-80,037.50	Nov-14	On System	Purchase	24	Base	16,850.00	$ (4.75)	Index	$	547,962
34372	MILL CREEK-E	12/17/2012	November	NWMT	Index	0	1/1/2014	12/31/2014	0	7	2,688.00	2,359.00	0	Nov-14	On System	Purchase	12	Rate Basec	5,047.00	$ -	Index	$	207,133
32235	EPLU-E	5/30/2013	November	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	76,800.00	0	-126,720.00	Nov-14	On System	Purchase	6	Term	76,800.00	$ (1.65)	Index	$	3,279,360
32289	PWX-E	6/3/2013	November	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	19,200.00	0	-38,400.00	Nov-14	On System	Purchase	18	Term	19,200.00	$ (2.00)	Index	$	813,120
32288	PWX-E	6/3/2013	November	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,850.00	-58,975.00	Nov-14	On System	Purchase	18	Term	16,850.00	$ (3.50)	Index	$	569,025
19935	MSCG-E	9/22/2010	December	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Dec-14	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	512,200
24948	PWX-E	10/13/2011	December	NWMT	Index	-4.75	1/1/2013	12/31/2014	0	50	0	16,400.00	-77,900.00	Dec-14	On System	Purchase	24	Base	16,400.00	$ (4.75)	Index	$	628,448
34372	MILL CREEK-E	12/17/2012	December	NWMT	Index	0	1/1/2014	12/31/2014	0	7	2,912.00	2,296.00	0	Dec-14	On System	Purchase	12	Rate Basec	5,208.00	$ -	Index	$	248,129
32235	EPLU-E	5/30/2013	December	NWMT	Index	-1.65	7/1/2014	12/31/2014	0	200	83,200.00	0	-137,280.00	Dec-14	On System	Purchase	6	Term	83,200.00	$ (1.65)	Index	$	4,126,720
32289	PWX-E	6/3/2013	December	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Dec-14	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	1,024,400
32288	PWX-E	6/3/2013	December	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,400.00	-57,400.00	Dec-14	On System	Purchase	18	Term	16,400.00	$ (3.50)	Index	$	648,948
19935	MSCG-E	9/22/2010	January	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Jan-15	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	434,824
32289	PWX-E	6/3/2013	January	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Jan-15	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	869,648
32288	PWX-E	6/3/2013	January	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,400.00	-57,400.00	Jan-15	On System	Purchase	18	Term	16,400.00	$ (3.50)	Index	$	565,308
19935	MSCG-E	9/22/2010	February	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	9,600.00	0	-19,200.00	Feb-15	On System	Purchase	60	Base	9,600.00	$ (2.00)	Index	$	381,696
32289	PWX-E	6/3/2013	February	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	19,200.00	0	-38,400.00	Feb-15	On System	Purchase	18	Term	19,200.00	$ (2.00)	Index	$	763,392
32288	PWX-E	6/3/2013	February	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	14,400.00	-50,400.00	Feb-15	On System	Purchase	18	Term	14,400.00	$ (3.50)	Index	$	470,736
19935	MSCG-E	9/22/2010	March	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Mar-15	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	413,504
32289	PWX-E	6/3/2013	March	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Mar-15	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	827,008
32288	PWX-E	6/3/2013	March	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	16,350.00	-57,225.00	Mar-15	On System	Purchase	18	Term	16,350.00	$ (3.50)	Index	$	534,482
19935	MSCG-E	9/22/2010	April	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Apr-15	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	291,616
32289	PWX-E	6/3/2013	April	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Apr-15	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	583,232
32288	PWX-E	6/3/2013	April	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	15,200.00	-53,200.00	Apr-15	On System	Purchase	18	Term	15,200.00	$ (3.50)	Index	$	185,136
19935	MSCG-E	9/22/2010	May	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,000.00	0	-20,000.00	May-15	On System	Purchase	60	Base	10,000.00	$ (2.00)	Index	$	255,500
32289	PWX-E	6/3/2013	May	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,000.00	0	-40,000.00	May-15	On System	Purchase	18	Term	20,000.00	$ (2.00)	Index	$	511,000
32288	PWX-E	6/3/2013	May	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	17,200.00	-60,200.00	May-15	On System	Purchase	18	Term	17,200.00	$ (3.50)	Index	$	187,136
19935	MSCG-E	9/22/2010	June	NWMT	Index	-2	7/1/2012	6/30/2017	49.15	25	10,400.00	0	-20,800.00	Jun-15	On System	Purchase	60	Base	10,400.00	$ (2.00)	Index	$	265,720
32289	PWX-E	6/3/2013	June	NWMT	Index	-2	7/1/2014	12/31/2015	0	50	20,800.00	0	-41,600.00	Jun-15	On System	Purchase	18	Term	20,800.00	$ (2.00)	Index	$	531,440

32288	PWX-E	6/3/2013	June	NWMT	Index	-3.5	7/1/2014	12/31/2015	0	50	0	15,200.00	-53,200.00	Jun-15	On System	Purchase	18	Term	15,200.00	$ (3.50)	Index	$ 165,376

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Electric Supply Cost Tracker														
2	Electric Tracker Projection														
3															
4	Volumes in MWh		Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Total
5			Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
6	Off System Transactions														
7	Fixed Price														
8		Base Fixed Price Purchases													
9		Competitive Solicitations	113,800	113,800	110,000	114,600	109,325	113,800	39,400	36,000	39,375	38,800	38,600	38,800	906,300
10		Base Fixed Price Sales													
11		Competitive Solicitations	-	-	-	-	-	-	-	-	-	-	-	-	-
12		Term Fixed Price Purchases	31,200	31,200	30,000	32,400	28,800	31,200	66,200	60,000	66,125	64,400	65,800	64,400	571,725
13		Term Fixed Price Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Index Price														
15		Base Index Price Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
16		Base Index Price Sales													
17		Competitive Solicitations	(29,000)	(29,000)	(28,000)	(29,400)	(27,625)	(29,000)	(29,000)	(26,400)	(28,975)	(28,400)	(28,600)	(28,400)	(341,800)
18		Term Index Price Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
19		Term Index Price Sales	(74,400)	(74,400)	(72,000)	(74,400)	(72,100)	(74,400)	-	-	-	-	-	-	(441,700)
20		Spot Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
21		Spot Sales	(41,600)	(41,600)	(40,000)	(43,200)	(38,400)	(41,600)	(76,600)	(69,600)	(76,525)	(74,800)	(75,800)	(74,800)	(694,525)
22															
23	On System Transactions														
24	Fixed Price														
25		Rate Based Assets													
26		Colstrip Unit 4	150,288	150,288	145,440	150,288	145,440	150,288	150,288	135,744	150,086	145,440	150,288	145,440	1,769,318
27		Dave Gates Generating Station	5,208	5,208	5,040	5,208	5,040	5,208	5,208	4,704	5,208	5,040	5,208	5,040	61,320
28		Spion Kop	8,184	8,184	9,360	14,136	14,400	11,904	17,856	10,752	11,888	11,520	8,928	8,640	135,752
29		Base Fixed Price Purchases													
30		Judith Gap	22,786	25,190	27,631	42,916	48,042	55,493	59,351	43,179	42,828	40,523	35,181	28,766	471,885
31		Other Small PPAs	12,403	10,802	6,744	5,490	3,605	3,720	3,720	3,360	3,715	3,600	8,355	11,967	77,482
32		Competitive Solicitations	20,800	20,800	20,000	21,600	19,200	20,800	20,800	19,200	20,800	20,800	20,000	20,800	245,600
33		QF Tier II	59,154	60,334	67,568	70,792	72,882	76,390	72,237	65,514	75,487	74,522	75,031	57,153	827,066
34		QF Tier II Adjustments													
35		QF-1 Tariff	10,373	11,160	11,475	14,225	16,214	16,740	18,228	13,776	14,489	12,709	13,671	10,801	163,860
36		Term Fixed Price Purchases	1,950	1,950	1,875	2,025	1,800	1,950	-	-	-	-	-	-	11,550
37		Term Fixed Price Sales	(1,950)	(1,950)	(1,875)	(2,025)	(1,800)	(1,950)	-	-	-	-	-	-	(11,550)
38	Index Price														
39		Base Index Price Purchases													
40		Basin Creek	6,525	13,271	9,153	4,768	5,879	10,691	4,727	3,265	4,050	1,258	835	1,132	65,555
41		Competitive Solicitations	45,400	45,400	44,000	45,000	44,475	45,400	29,000	26,400	28,975	28,400	28,600	28,400	439,450
42		Term Index Price Purchases	193,200	172,400	116,000	123,600	112,850	120,400	37,200	33,600	37,150	36,000	37,200	36,000	1,055,600
43		Term Index Price Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
44		Spot Purchases	64,019	52,500	32,954	42,824	50,790	101,525	201,598	198,584	162,043	119,734	120,573	158,952	1,306,095
45		Spot Sales	(5,242)	(5,887)	(5,628)	(27,931)	(1,940)	(2,948)	(13,027)	(19,923)	(21,287)	(9,524)	(4,961)	(3,020)	(121,318)
46		Imbalance, Current Month Estimate	-	-	-	-	-	-	-	-	-	-	-	-	-
47		Imbalance, Prior Month True-up	-	-	-	-	-	-	-	-	-	-	-	-	-
48		Imbalance, Accounting & BA Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
49															
50	Ancillary and Other														
51		Basin Creek Fixed Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
52		Basin Creek Variable Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Operating Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-
54		Wind Other Cost													
55		DSM Program & Labor Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
56		DSM Lost T& D Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
57		DSM Lost Revenue Adjustment													
58															
59	Total Delivered Supply		593,098	569,649	489,736	512,917	536,877	615,611	607,186	538,154	535,432	490,023	498,908	510,071	6,497,665
60															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
61		**Electric Tracker Projection Excluding Generation Assets Cost of Service**													
62		**Total Supply Expense**													
63															
64			**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**	**Total**
65			Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
66		**Off System Transactions**													
67		Fixed Price													
68		**Base Fixed Price Purchases**													
69		Competitive Solicitations	$ 5,004,440	$ 5,004,440	$ 4,833,100	$ 5,065,860	$ 4,776,260	$ 5,004,440	$ 2,314,000	$ 2,112,960	$ 2,312,440	$ 2,276,560	$ 2,269,640	$ 2,276,560	$ 43,250,700
70		**Base Fixed Price Sales**													
71		Competitive Solicitations	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
72		**Term Fixed Price Purchases**	$ 1,279,200	$ 1,279,200	$ 1,230,000	$ 1,311,660	$ 1,165,920	$ 1,263,080	$ 2,390,810	$ 2,173,800	$ 2,388,569	$ 2,337,020	$ 2,362,990	$ 2,337,020	$ 21,519,269
73		**Term Fixed Price Sales**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
74		Index Price													
75		**Base Index Price Purchases**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
76		**Base Index Price Sales**													
77		Competitive Solicitations	$ (1,069,846)	$ (1,353,924)	$ (1,201,160)	$ (1,168,464)	$ (1,165,520)	$ (1,419,174)	$ (1,222,602)	$ (1,062,360)	$ (1,164,461)	$ (744,000)	$ (674,668)	$ (682,328)	$ (12,928,507)
78		**Term Index Price Purchases**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
79		**Term Index Price Sales**	$ (2,466,872)	$ (3,257,904)	$ (2,934,640)	$ (2,881,056)	$ (2,959,039)	$ (3,544,696)	$ -	$ -	$ -	$ -	$ -	$ -	$ (18,044,207)
80		**Spot Purchases**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
81		**Spot Sales**	$ (1,812,512)	$ (2,157,792)	$ (1,870,000)	$ (1,792,800)	$ (1,703,040)	$ (2,132,000)	$ (3,355,846)	$ (2,906,496)	$ (3,195,684)	$ (2,246,992)	$ (2,088,290)	$ (2,060,740)	$ (27,322,192)
82															
83		**On System Transactions**													
84		Fixed Price													
85		**Rate Based Assets**													
86		Colstrip Unit 4													$ -
87		Dave Gates Generating Station													$ -
88		Spion Kop													$ -
89		**Base Fixed Price Purchases**													
90		Judith Gap	$ 723,447	$ 799,775	$ 877,289	$ 1,362,569	$ 1,525,322	$ 1,761,904	$ 1,884,400	$ 1,370,923	$ 1,359,803	$ 1,286,618	$ 1,116,985	$ 913,326	$ 14,982,361
91		Other Small PPAs	$ 717,248	$ 611,561	$ 347,006	$ 260,993	$ 139,694	$ 144,150	$ 144,150	$ 130,200	$ 143,956	$ 139,500	$ 458,139	$ 706,397	$ 3,942,993
92		Competitive Solicitations	$ 1,123,720	$ 1,123,720	$ 1,080,500	$ 1,166,940	$ 1,037,280	$ 1,123,720	$ 1,123,720	$ 1,037,280	$ 1,123,720	$ 1,123,720	$ 1,080,500	$ 1,123,720	$ 13,268,540
93		QF Tier II	$ 2,252,585	$ 2,297,528	$ 2,572,982	$ 2,695,776	$ 2,775,365	$ 2,908,947	$ 2,750,791	$ 2,494,761	$ 2,874,549	$ 2,837,803	$ 2,857,191	$ 2,176,390	$ 31,494,669
94		QF Tier II Adjustments													
95		QF-1 Tariff	$ 717,070	$ 764,017	$ 778,671	$ 961,133	$ 1,092,522	$ 1,119,069	$ 1,217,139	$ 917,327	$ 971,985	$ 864,631	$ 931,767	$ 740,433	$ 11,075,766
96		**Term Fixed Price Purchases**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
97		**Term Fixed Price Sales**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
98		Index Price													
99		**Base Index Price Purchases**													
100		Basin Creek	na	na	na	na	na	na	na	na	na	na	na	na	na
101		Competitive Solicitations	$ 1,298,326	$ 1,805,280	$ 1,637,480	$ 1,616,892	$ 1,694,282	$ 2,026,822	$ 1,201,802	$ 1,043,160	$ 1,143,661	$ 723,200	$ 654,668	$ 661,528	$ 15,507,101
102		**Term Index Price Purchases**	$ 7,775,876	$ 8,405,496	$ 4,979,320	$ 4,785,768	$ 4,661,505	$ 5,800,068	$ 1,434,956	$ 1,234,128	$ 1,361,490	$ 768,368	$ 698,136	$ 696,816	$ 42,601,926
103		**Term Index Price Sales**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
104		**Spot Purchases**	$ 2,789,323	$ 2,723,155	$ 1,540,584	$ 1,777,205	$ 2,252,530	$ 5,203,165	$ 8,831,991	$ 8,292,862	$ 6,766,908	$ 3,596,819	$ 3,321,794	$ 4,379,121	$ 51,475,456
105		**Spot Sales**	$ (104,578)	$ (197,450)	$ (187,244)	$ (974,233)	$ (72,304)	$ (126,970)	$ (494,635)	$ (721,013)	$ (770,377)	$ (149,336)	$ (71,339)	$ (43,428)	$ (3,912,907)
106		Imbalance, Current Month Estimate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
107		Imbalance, Prior Month True-up	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
108		Imbalance, Accounting & BA Expense	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
109															
110		**Ancillary and Other**													
111		Basin Creek Fixed Costs	$ 355,755	$ 356,089	$ 361,576	$ 356,738	$ 792,573	$ 361,465	$ 375,308	$ 365,231	$ 353,305	$ 356,450	$ 777,549	$ 354,039	$ 5,166,077
112		Basin Creek Variable Costs	$ 276,188	$ 567,472	$ 387,307	$ 202,685	$ 257,848	$ 479,817	$ 211,893	$ 146,196	$ 180,150	$ 48,448	$ 31,675	$ 42,907	$ 2,832,586
113		Operating Reserves	$ 229,152	$ 229,152	$ 221,760	$ 229,152	$ 221,760	$ 229,152	$ 229,152	$ 206,976	$ 229,152	$ 221,760	$ 229,152	$ 221,760	$ 2,698,080
114		Wind Other Cost													
115		DSM Program & Labor Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
116		DSM Lost T& D Revenues	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
117		DSM Lost Revenue Adjustment													
118															
119		**Total Delivered Supply**	$ 19,088,523	$ 18,999,815	$ 14,654,530	$ 14,976,818	$ 16,492,958	$ 20,202,958	$ 19,037,030	$ 16,835,935	$ 16,079,166	$ 13,440,569	$ 13,955,888	$ 13,843,521	$ 197,607,711
120															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
121		**Electric Tracker Projection Excluding Generation Assets Cost of Service**													
122		**Unit Costs**													
123															
124			**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**	**Total**
125			Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
126		**Off System Transactions**													
127		Fixed Price													
128		**Base Fixed Price Purchases**													
129		Competitive Solicitations	$ 43.98	$ 43.98	$ 43.94	$ 44.20	$ 43.69	$ 43.98	$ 58.73	$ 58.69	$ 58.73	$ 58.67	$ 58.80	$ 58.67	$ 47.72
130		**Base Fixed Price Sales**													
131		Competitive Solicitations	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
132		**Term Fixed Price Purchases**	$ 41.00	$ 41.00	$ 41.00	$ 40.48	$ 40.48	$ 40.48	$ 36.11	$ 36.23	$ 36.12	$ 36.29	$ 35.91	$ 36.29	$ 37.64
133		**Term Fixed Price Sales**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
134		Index Price													
135		**Base Index Price Purchases**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
136		**Base Index Price Sales**													
137		Competitive Solicitations	$ 36.89	$ 46.69	$ 42.90	$ 39.74	$ 42.19	$ 48.94	$ 42.16	$ 40.24	$ 40.19	$ 26.20	$ 23.59	$ 24.03	$ 37.82
138		**Term Index Price Purchases**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
139		**Term Index Price Sales**	$ 33.16	$ 43.79	$ 40.76	$ 38.72	$ 41.04	$ 47.64	n/a	n/a	n/a	n/a	n/a	n/a	$ 40.85
140		**Spot Purchases**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
141		**Spot Sales**	$ 43.57	$ 51.87	$ 46.75	$ 41.50	$ 44.35	$ 51.25	$ 43.81	$ 41.76	$ 41.76	$ 30.04	$ 27.55	$ 27.55	$ 39.34
142															
143		**On System Transactions**													
144		Fixed Price													
145		**Rate Based Assets**													
146		Colstrip Unit 4													$ -
147		Dave Gates Generating Station													$ -
148		Spion Kop													$ -
149		**Base Fixed Price Purchases**													
150		Judith Gap	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75	$ 31.75
151		Other Small PPAs	$ 57.83	$ 56.62	$ 51.45	$ 47.54	$ 38.75	$ 38.75	$ 38.75	$ 38.75	$ 38.75	$ 38.75	$ 54.84	$ 59.03	$ 50.89
152		Competitive Solicitations	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03	$ 54.03
153		QF Tier II	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08	$ 38.08
154		QF Tier II Adjustments	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
155		QF-1 Tariff	$ 69.13	$ 68.46	$ 67.86	$ 67.57	$ 67.38	$ 66.85	$ 66.77	$ 66.59	$ 67.09	$ 68.03	$ 68.16	$ 68.55	$ 67.59
156		**Spot Purchases**	$ -	$ -	$ -	$ -	$ -	$ -	n/a	n/a	n/a	n/a	n/a	n/a	$ -
157		**Spot Sales**	$ -	$ -	$ -	$ -	$ -	$ -	n/a	n/a	n/a	n/a	n/a	n/a	$ -
158		Index Price													
159		**Base Index Price Purchases**													
160		Basin Creek	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
161		Competitive Solicitations	$ 28.60	$ 39.76	$ 37.22	$ 35.93	$ 38.10	$ 44.64	$ 41.44	$ 39.51	$ 39.47	$ 25.46	$ 22.89	$ 23.29	$ 35.29
162		**Term Index Price Purchases**	$ 40.25	$ 48.76	$ 42.93	$ 38.72	$ 41.31	$ 48.17	$ 38.57	$ 36.73	$ 36.65	$ 21.34	$ 18.77	$ 19.36	$ 40.36
163		**Term Index Price Sales**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
164		**Spot Purchases**	$ 43.57	$ 51.87	$ 46.75	$ 41.50	$ 44.35	$ 51.25	$ 43.81	$ 41.76	$ 41.76	$ 30.04	$ 27.55	$ 27.55	$ 39.41
165		**Spot Sales**	$ 19.95	$ 33.54	$ 33.27	$ 34.88	$ 37.27	$ 43.07	$ 37.97	$ 36.19	$ 36.19	$ 15.68	$ 14.38	$ 14.38	$ 32.25
166		Imbalance, Current Month Estimate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
167		Imbalance, Prior Month True-up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
168		Imbalance, Accounting & BA Expense													
169															
170		**Ancillary and Other**													
171		Basin Creek Fixed Costs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
172		Basin Creek Variable Costs	$ 42.33	$ 42.76	$ 42.31	$ 42.51	$ 43.86	$ 44.88	$ 44.82	$ 44.78	$ 44.48	$ 38.50	$ 37.93	$ 37.92	$ 43.21
173		Operating Reserves	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
174		Wind Other Cost	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
175		DSM Program & Labor Costs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
176		DSM Lost T& D Revenues	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
177		DSM Lost Revenue Adjustment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
178															
179															
180		**Total Delivered Supply**	$ 32.18	$ 33.35	$ 29.92	$ 29.20	$ 30.72	$ 32.82	$ 31.35	$ 31.28	$ 30.03	$ 27.43	$ 27.97	$ 27.14	$ 30.41

JG Price	Reserves Price	
$ 31.75	$ 11.00	121,318

		Basin Creek Volume	Basin Creek Variable Costs	Basin Creek Op Reserves	Basin Creek Fixed Costs	Basin Creek Budget	QF Tier II Volume	QF Tier II Price	DGGS Volume	Op Reserves	Spot Sales
31	Jul-14	6,525	$ 276,188	$ 114,576	$ 355,755	$ 470,331	59,154	$ 38.08	5,208	$ 229,152	5,242
31	Aug-14	13,271	$ 567,472	$ 114,576	$ 356,089	$ 470,665	60,334	$ 38.08	5,208	$ 229,152	5,887
30	Sep-14	9,153	$ 387,307	$ 110,880	$ 361,576	$ 472,456	67,568	$ 38.08	5,040	$ 221,760	5,628
31	Oct-14	4,768	$ 202,685	$ 114,576	$ 356,738	$ 471,314	70,792	$ 38.08	5,208	$ 229,152	27,931
30	Nov-14	5,879	$ 257,848	$ 110,880	$ 792,573	$ 903,453	72,882	$ 38.08	5,040	$ 221,760	1,940
31	Dec-14	10,691	$ 479,817	$ 114,576	$ 361,465	$ 476,041	76,390	$ 38.08	5,208	$ 229,152	2,948
31	Jan-15	4,727	$ 211,893	$ 114,576	$ 375,308	$ 489,884	72,237	$ 38.08	5,208	$ 229,152	13,027
28	Feb-15	3,265	$ 146,196	$ 103,488	$ 365,231	$ 468,719	65,514	$ 38.08	4,704	$ 206,976	19,923
31	Mar-15	4,050	$ 180,150	$ 114,576	$ 353,305	$ 467,881	75,487	$ 38.08	5,208	$ 229,152	21,287
30	Apr-15	1,258	$ 48,448	$ 110,880	$ 356,450	$ 467,330	74,522	$ 38.08	5,040	$ 221,760	9,524
31	May-15	835	$ 31,675	$ 114,576	$ 777,549	$ 892,125	75,031	$ 38.08	5,208	$ 229,152	4,961
30	Jun-15	1,132	$ 42,907	$ 110,880	$ 354,039	$ 464,919	57,153	$ 38.08	5,040	$ 221,760	3,020
31	Jul-15	6,525	$ 276,188	$ 114,576	$ 355,755	$ 470,331	59,154	$ 38.80	5,208	$ 229,152	5,242
31	Aug-15	13,271	$ 567,472	$ 114,576	$ 356,089	$ 470,665	60,334	$ 38.80	5,208	$ 229,152	5,887
30	Sep-15	9,153	$ 387,307	$ 110,880	$ 361,576	$ 472,456	67,568	$ 38.80	5,040	$ 221,760	5,628
31	Oct-15	4,768	$ 202,685	$ 114,576	$ 356,738	$ 471,314	70,792	$ 38.80	5,208	$ 229,152	27,931
30	Nov-15	5,879	$ 257,848	$ 110,880	$ 792,573	$ 903,453	72,882	$ 38.80	5,040	$ 221,760	1,940
31	Dec-15	10,691	$ 479,817	$ 114,576	$ 361,465	$ 476,041	76,390	$ 38.80	5,208	$ 229,152	2,948
31	Jan-16	4,727	$ 211,893	$ 114,576	$ 375,308	$ 489,884	72,237	$ 38.80	5,208	$ 229,152	13,027
29	Feb-16	3,265	$ 146,196	$ 103,488	$ 365,231	$ 468,719	65,514	$ 38.80	4,704	$ 206,976	19,923
31	Mar-16	4,050	$ 180,150	$ 114,576	$ 353,305	$ 467,881	75,487	$ 38.80	5,208	$ 229,152	21,287
30	Apr-16	1,258	$ 48,448	$ 110,880	$ 356,450	$ 467,330	74,522	$ 38.80	5,040	$ 221,760	9,524
31	May-16	835	$ 31,675	$ 114,576	$ 777,549	$ 892,125	75,031	$ 38.80	5,208	$ 229,152	4,961
30	Jun-16	1,132	$ 42,907	$ 110,880	$ 354,039	$ 464,919	57,153	$ 38.80	5,040	$ 221,760	3,020

	Actual RT Sales	2013-2014 Estimates		
		Jul-13	5,162	
Jan-12	12,178	Aug-13	15,368	
Feb-12	5,759	Sep-13	13,186	
Mar-12	3,631	Oct-13	22,312	
Apr-12	1,608	Nov-13	25,612	
May-12	741	Dec-13	12,412	23,176
Jun-12	1,606	Jan-14	13,027	
Jul-12	2,581	Feb-14	19,923	
Aug-12	7,684	Mar-14	21,287	
Sep-12	6,593	Apr-14	9,524	
Oct-12	11,156	May-14	1,482	
Nov-12	12,806	Jun-14	3,212	
Dec-12	6,206			
Jan-13	13,027			
Feb-13	19,923			
Mar-13	21,287			
Apr-13	9,524			

Process Revenue

Deal #	Trade Date	Counterparty	Description	Key	Location	Index/Fixed
35074	12/10/2013	SCL-E	Term Fixed Price Sales	On SystemTermFixedSale	On System	Fixed
10590	12/10/2008	CSEL-E	Competitive Solicitations	Off SystemBaseIndexSale	Off System	Index
8798	10/24/2008	CEI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
19934	9/22/2010	BARC-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24941	10/12/2011	BARC-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24946	10/12/2011	CEI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24945	10/12/2011	CRGL-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24943	10/12/2011	CRGL-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24944	10/12/2011	DBET-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
24947	10/12/2011	MLCI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
13071	5/21/2009	MSCG-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed
31096	2/21/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32426	6/11/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
31097	2/21/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
31628	4/9/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32199	5/29/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32230	5/30/2013	PPMI-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32224	5/30/2013	PPMI-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32231	5/30/2013	TEMU-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
32227	5/30/2013	TEMU-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed
19936	9/22/2010	MSCG-E	Competitive Solicitations	Off SystemBaseIndexSale	Off System	Index
24961	10/14/2011	CORP-E	Term Index Price Sales	Off SystemTermIndexSale	Off System	Index
24962	10/14/2011	CORP-E	Term Index Price Sales	Off SystemTermIndexSale	Off System	Index
15561	2/23/2004	BSNCR-E	Basin Creek	On SystemBaseIndexPurchase	On System	Index
14065	7/28/2009	TIBER-E	Other Small PPAs	On SystemBaseFixedPurchase	On System	Fixed
10589	12/10/2008	CSEL-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index
13070	5/21/2009	EPLU-E	Competitive Solicitations	On SystemBaseFixedPurchase	On System	Fixed
22602	3/31/2011	GORWIND-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
28202	1/16/2012	LOWERSF-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
19933	9/22/2010	TEMU-E	Competitive Solicitations	On SystemBaseFixedPurchase	On System	Fixed
27365	4/8/2011	SPIONKOP-E	Spion Kop	On SystemRate BasedFixedPurchase	On System	Fixed
26435	1/16/2012	FCHYDRO-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
26448	3/24/2011	MUSSEL-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
26437	8/19/2011	TWODOT-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
26910	3/29/2012	FAIRFIELD-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed
35118	12/16/2013	BGI	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
35119	12/16/2013	Broadwater	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
35117	12/16/2013	Montana 1	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
35120	12/16/2013	QFs	QF Tier II	On SystemBaseFixedPurchase	On System	Fixed
35073	12/10/2013	SCL-E	Term Fixed Price Purchases	On SystemTermFixedPurchase	On System	Fixed
35517	12/29/2008	CU4-E	Colstrip Unit 4	On SystemRate BasedFixedPurchase	On System	Fixed
3524	5/23/2003	TIBER-E	Base Fixed Price Sales	On SystemBaseFixedSale	On System	Fixed
36903	4/30/2014	UMGF-E	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
36931	12/29/2004	INVE-E	Judith Gap	On SystemBaseFixedPurchase	On System	Fixed
36948	11/11/2009	TBUL-E	Other Small PPAs	On SystemBaseFixedPurchase	On System	Fixed
36336	3/20/2014	MT Hydro Generation	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
35348	12/18/2013	CRZYMTN-E	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed
3525	5/23/2003	TIBER-E	Base Fixed Price Sales	On SystemBaseFixedSale	On System	Fixed
19935	9/22/2010	MSCG-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index
24948	10/13/2011	PWX-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index
34372	12/17/2012	MILL CREEK-E	Rate Based Index Price Purchases	On SystemRate BasedIndexPurchase	On System	Index
36423	3/26/2014	AVWP-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
36587	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
36586	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
36315	3/19/2014	PGEM-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
32235	5/30/2013	EPLU-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
32289	6/3/2013	PWX-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
32288	6/3/2013	PWX-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index
36588	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index

es

Purch/Sale	Term	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
Sale	Term	$ -	$ -	$ -	$ -	$ -	$ -	
Sale	Base	$ (616,718)	$ (814,476)	$ (733,660)	$ (720,264)	$ (739,760)	$ (886,174)	$ (766,978)
Purchase	Base	$ 1,160,640	$ 1,160,640	$ 1,123,200	$ 1,160,640	$ 1,124,760	$ 1,160,640	$ 1,160,640
Purchase	Base	$ 511,160	$ 511,160	$ 491,500	$ 530,820	$ 471,840	$ 511,160	$ 511,160
Purchase	Base	$ 423,800	$ 423,800	$ 407,500	$ 440,100	$ 391,200	$ 423,800	
Purchase	Base	$ 248,460	$ 248,460	$ 242,400	$ 236,340	$ 255,278	$ 248,460	
Purchase	Base	$ 492,000	$ 492,000	$ 480,000	$ 468,000	$ 505,500	$ 492,000	
Purchase	Base	$ 849,680	$ 849,680	$ 817,000	$ 882,360	$ 784,320	$ 849,680	
Purchase	Base	$ 426,400	$ 426,400	$ 410,000	$ 442,800	$ 393,600	$ 426,400	
Purchase	Base	$ 250,100	$ 250,100	$ 244,000	$ 237,900	$ 256,963	$ 250,100	
Purchase	Base	$ 642,200	$ 642,200	$ 617,500	$ 666,900	$ 592,800	$ 642,200	$ 642,200
Purchase	Term	$ 416,000	$ 416,000	$ 400,000				
Purchase	Term	$ 863,200	$ 863,200	$ 830,000				
Purchase	Term				$ 432,000	$ 384,000	$ 416,000	
Purchase	Term				$ 431,460	$ 383,520	$ 415,480	
Purchase	Term				$ 448,200	$ 398,400	$ 431,600	
Purchase	Term							$ 491,180
Purchase	Term							$ 1,244,880
Purchase	Term							$ 243,950
Purchase	Term							$ 410,800
Sale	Base	$ (453,128)	$ (539,448)	$ (467,500)	$ (448,200)	$ (425,760)	$ (533,000)	$ (455,624)
Sale	Term	$ (1,812,512)	$ (2,157,792)	$ (1,870,000)	$ (1,792,800)	$ (1,703,040)	$ (2,132,000)	
Sale	Term	$ (654,360)	$ (1,100,112)	$ (1,064,640)	$ (1,088,256)	$ (1,255,999)	$ (1,412,696)	
Purchase	Base	$ 2	$ 3	$ 3	$ 3	$ 3	$ 3	$ 3
Purchase	Base	$ 144,150	$ 144,150	$ 139,500	$ 144,150	$ 139,694	$ 144,150	$ 144,150
Purchase	Base	$ 616,718	$ 814,476	$ 733,660	$ 720,264	$ 739,760	$ 886,174	$ 766,978
Purchase	Base	$ 627,120	$ 627,120	$ 603,000	$ 651,240	$ 578,880	$ 627,120	$ 627,120
Purchase	Base	$ 205,969	$ 205,969	$ 199,325	$ 205,969	$ 199,602	$ 205,969	$ 205,969
Purchase	Base	$ 23,160	$ 26,211	$ 22,185	$ 5,436			
Purchase	Base	$ 496,600	$ 496,600	$ 477,500	$ 515,700	$ 458,400	$ 496,600	$ 496,600
Purchase	Rate Based	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	Base	$ 79,649	$ 79,649	$ 77,080	$ 53,954	$ 25,693	$ 26,550	$ 26,613
Purchase	Base	$ 205,969	$ 205,969	$ 199,325	$ 308,953	$ 398,650	$ 411,938	$ 411,938
Purchase	Base	$ 43,896	$ 87,792	$ 127,440	$ 175,584	$ 212,695	$ 263,376	$ 307,272
Purchase	Base	$ 158,427	$ 158,427	$ 153,317	$ 211,236	$ 255,883	$ 211,236	$ 265,348
Purchase	Base	$ 1,490,083	$ 1,490,083	$ 1,442,016	$ 1,490,083	$ 1,444,019	$ 1,490,083	$ 1,490,083
Purchase	Base	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	Base	$ 869,215	$ 869,215	$ 841,176	$ 869,215	$ 842,344	$ 869,215	$ 869,215
Purchase	Base	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase	Term	$ -	$ -	$ -	$ -	$ -	$ -	
Purchase	Rate Based	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sale	Base	$ (334,718)	$ (278,940)	$ (269,942)	$ (278,940)			
Purchase	Base	$ 50,695	$ 50,132					
Purchase	Base	$ 723,447	$ 799,775	$ 877,289	$ 1,362,569	$ 1,525,322	$ 1,761,904	$ 1,884,400
Purchase	Base	$ 573,098	$ 467,411	$ 207,506	$ 116,843			
Purchase	Base			$ -	$ -	$ -	$ -	$ -
Purchase	Base							$ 517,936
Sale	Base							
Purchase	Base	$ 432,328	$ 518,648	$ 447,500	$ 426,600	$ 406,560	$ 512,200	$ 434,824
Purchase	Base	$ 249,280	$ 472,156	$ 456,320	$ 470,028	$ 547,962	$ 628,448	
Purchase	Rate Based	$ 172,681	$ 228,053	$ 205,425	$ 201,674	$ 207,133	$ 248,129	
Purchase	Term	$ 453,128	$ 539,448					
Purchase	Term	$ 895,856						
Purchase	Term	$ 445,328						
Purchase	Term	$ 1,359,384	$ 1,618,344					
Purchase	Term	$ 3,487,744	$ 4,178,304	$ 3,608,000	$ 3,443,040	$ 3,279,360	$ 4,126,720	
Purchase	Term	$ 864,656	$ 1,037,296	$ 895,000	$ 853,200	$ 813,120	$ 1,024,400	$ 869,648
Purchase	Term	$ 269,780	$ 492,656	$ 476,320	$ 489,528	$ 569,025	$ 648,948	$ 565,308
Purchase	Term		$ 539,448					

Feb-15	Mar-15	Apr-15	May-15	Jun-15
$ (661,464)	$ (730,157)	$ (431,584)	$ (399,168)	$ (395,808)
$ 1,048,320	$ 1,159,080	$ 1,123,200	$ 1,160,640	$ 1,123,200
$ 471,840	$ 511,160	$ 511,160	$ 491,500	$ 511,160
$ 592,800	$ 642,200	$ 642,200	$ 617,500	$ 642,200
$ 431,280	$ 489,683	$ 455,240	$ 515,140	$ 455,240
$ 1,149,120	$ 1,244,880	$ 1,244,880	$ 1,197,000	$ 1,244,880
$ 214,200	$ 243,206	$ 226,100	$ 255,850	$ 226,100
$ 379,200	$ 410,800	$ 410,800	$ 395,000	$ 410,800
$ (400,896)	$ (434,304)	$ (312,416)	$ (275,500)	$ (286,520)
$ 3	$ 3	$ 2	$ 2	$ 2
$ 130,200	$ 143,956	$ 139,500	$ 144,150	$ 139,500
$ 661,464	$ 730,157	$ 431,584	$ 399,168	$ 395,808
$ 578,880	$ 627,120	$ 627,120	$ 603,000	$ 627,120
$ 186,036	$ 205,692	$ 199,325	$ 205,969	$ 199,325
		$ 7,694	$ 21,372	$ 25,488
$ 458,400	$ 496,600	$ 496,600	$ 477,500	$ 496,600
$ -	$ -	$ -	$ -	$ -
$ 24,037	$ 26,577	$ 25,754	$ 51,507	$ 77,263
$ 325,564	$ 308,538	$ 298,987	$ 308,953	$ 199,325
$ 237,888	$ 219,185	$ 127,440	$ 131,688	$ 84,960
$ 143,801	$ 211,993	$ 205,430	$ 212,278	$ 154,073
$ 1,345,882	$ 1,488,080	$ 1,442,016	$ 1,490,083	$ 1,442,016
$ -	$ -	$ -	$ -	$ -
$ 785,098	$ 868,047	$ 841,176	$ 869,215	$ 841,176
$ -	$ -	$ -	$ -	$ -
$ -	$ -	$ -	$ -	$ -
				$ 81,426
$ 1,370,923	$ 1,359,803	$ 1,286,618	$ 1,116,985	$ 913,326
			$ 313,989	$ 566,897
$ -	$ -	$ -	$ -	$ -
$ 330,221	$ 365,110	$ 294,840	$ 243,734	$ 235,872
			$ (210,143)	$ (332,035)
$ 381,696	$ 413,504	$ 291,616	$ 255,500	$ 265,720
$ 763,392	$ 827,008	$ 583,232	$ 511,000	$ 531,440
$ 470,736	$ 534,482	$ 185,136	$ 187,136	$ 165,376

Price s
Term Fixed Price Purchases
Price s

Process Volumes

Deal #	Trade Date	Counterpa	Description	Key	Location	Index/Fixed	Purch/Sale
35074	12/10/2013	SCL-E	Term Fixed Price Sales	On SystemTermFixedSale	On System	Fixed	Sale
10590	12/10/2008	CSEL-E	Competitive Solicitations	Off SystemBaseIndexSale	Off System	Index	Sale
8798	10/24/2008	CEI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
19934	9/22/2010	BARC-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24941	10/12/2011	BARC-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24946	10/12/2011	CEI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24945	10/12/2011	CRGL-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24943	10/12/2011	CRGL-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24944	10/12/2011	DBET-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
24947	10/12/2011	MLCI-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
13071	5/21/2009	MSCG-E	Competitive Solicitations	Off SystemBaseFixedPurchase	Off System	Fixed	Purchase
31096	2/21/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32426	6/11/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
31097	2/21/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
31628	4/9/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32199	5/29/2013	MSCG-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32230	5/30/2013	PPMI-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32224	5/30/2013	PPMI-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32231	5/30/2013	TEMU-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
32227	5/30/2013	TEMU-E	Term Fixed Price Purchases	Off SystemTermFixedPurchase	Off System	Fixed	Purchase
19936	9/22/2010	MSCG-E	Competitive Solicitations	Off SystemBaseIndexSale	Off System	Index	Sale
24961	10/14/2011	CORP-E	Term Index Price Sales	Off SystemTermIndexSale	Off System	Index	Sale
24962	10/14/2011	CORP-E	Term Index Price Sales	Off SystemTermIndexSale	Off System	Index	Sale
15561	2/23/2004	BSNCR-E	Basin Creek	On SystemBaseIndexPurchase	On System	Index	Purchase
14065	7/28/2009	TIBER-E	Other Small PPAs	On SystemBaseFixedPurchase	On System	Fixed	Purchase
10589	12/10/2008	CSEL-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index	Purchase
13070	5/21/2009	EPLU-E	Competitive Solicitations	On SystemBaseFixedPurchase	On System	Fixed	Purchase
22602	3/31/2011	GORWINI	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
28202	1/16/2012	LOWERSF	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
19933	9/22/2010	TEMU-E	Competitive Solicitations	On SystemBaseFixedPurchase	On System	Fixed	Purchase
27365	4/8/2011	SPIONKOF	Spion Kop	On SystemRate BasedFixedPurchase	On System	Fixed	Purchase
26435	1/16/2012	FCHYDRO	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
26448	3/24/2011	MUSSEL-E	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
26437	8/19/2011	TWODOT-	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
26910	3/29/2012	FAIRFIELD	QF-1 Tariff	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35118	12/16/2013	BGI	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35119	12/16/2013	Broadwat	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35117	12/16/2013	Montana	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35120	12/16/2013	QFs	QF Tier II	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35073	12/10/2013	SCL-E	Term Fixed Price Purchases	On SystemTermFixedPurchase	On System	Fixed	Purchase
35517	12/29/2008	CU4-E	Colstrip Unit 4	On SystemRate BasedFixedPurchase	On System	Fixed	Purchase
3524	5/23/2003	TIBER-E	Base Fixed Price Sales	On SystemBaseFixedSale	On System	Fixed	Sale
36903	4/30/2014	UMGF-E	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
36931	12/29/2004	INVE-E	Judith Gap	On SystemBaseFixedPurchase	On System	Fixed	Purchase
36948	11/11/2009	TBUL-E	Other Small PPAs	On SystemBaseFixedPurchase	On System	Fixed	Purchase
36336	3/20/2014	MT Hydro	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
35348	12/18/2013	CRZYMTN	Base Fixed Price Purchases	On SystemBaseFixedPurchase	On System	Fixed	Purchase
3525	5/23/2003	TIBER-E	Base Fixed Price Sales	On SystemBaseFixedSale	On System	Fixed	Sale
19935	9/22/2010	MSCG-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index	Purchase
24948	10/13/2011	PWX-E	Competitive Solicitations	On SystemBaseIndexPurchase	On System	Index	Purchase
34372	12/17/2012	MILL CREE	Rate Based Index Price Purchases	On SystemRate BasedIndexPurchase	On System	Index	Purchase
36423	3/26/2014	AVWP-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
36587	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
36586	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
36315	3/19/2014	PGEM-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
32235	5/30/2013	EPLU-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
32289	6/3/2013	PWX-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
32288	6/3/2013	PWX-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase
36588	4/9/2014	MSCG-E	Term Index Price Purchases	On SystemTermIndexPurchase	On System	Index	Purchase

Term	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15
Term	(1,950)	(1,950)	(1,875)	(2,025)	(1,800)	(1,950)				
Base	(18,600)	(18,600)	(18,000)	(18,600)	(18,025)	(18,600)	(18,600)	(16,800)	(18,575)	(18,000)
Base	18,600	18,600	18,000	18,600	18,025	18,600	18,600	16,800	18,575	18,000
Base	10,400	10,400	10,000	10,800	9,600	10,400	10,400	9,600	10,400	10,400
Base	10,400	10,400	10,000	10,800	9,600	10,400				
Base	8,200	8,200	8,000	7,800	8,425	8,200				
Base	16,400	16,400	16,000	15,600	16,850	16,400				
Base	20,800	20,800	20,000	21,600	19,200	20,800				
Base	10,400	10,400	10,000	10,800	9,600	10,400				
Base	8,200	8,200	8,000	7,800	8,425	8,200				
Base	10,400	10,400	10,000	10,800	9,600	10,400	10,400	9,600	10,400	10,400
Term	10,400	10,400	10,000							
Term	20,800	20,800	20,000							
Term				10,800	9,600	10,400				
Term				10,800	9,600	10,400				
Term				10,800	9,600	10,400				
Term							16,400	14,400	16,350	15,200
Term							31,200	28,800	31,200	31,200
Term							8,200	7,200	8,175	7,600
Term							10,400	9,600	10,400	10,400
Base	(10,400)	(10,400)	(10,000)	(10,800)	(9,600)	(10,400)	(10,400)	(9,600)	(10,400)	(10,400)
Term	(41,600)	(41,600)	(40,000)	(43,200)	(38,400)	(41,600)				
Term	(32,800)	(32,800)	(32,000)	(31,200)	(33,700)	(32,800)				
Base	0	0	0	0	0	0	0	0	0	0
Base	3,720	3,720	3,600	3,720	3,605	3,720	3,720	3,360	3,715	3,600
Base	18,600	18,600	18,000	18,600	18,025	18,600	18,600	16,800	18,575	18,000
Base	10,400	10,400	10,000	10,800	9,600	10,400	10,400	9,600	10,400	10,400
Base	2,976	2,976	2,880	2,976	2,884	2,976	2,976	2,688	2,972	2,880
Base	329	372	315	77						109
Base	10,400	10,400	10,000	10,800	9,600	10,400	10,400	9,600	10,400	10,400
Rate Based	8,184	8,184	9,360	14,136	14,400	11,904	17,856	10,752	11,888	11,520
Base	1,116	1,116	1,080	756	360	372	372	336	372	360
Base	2,976	2,976	2,880	4,464	5,760	5,952	5,952	4,704	4,458	4,320
Base	744	1,488	2,160	2,976	3,605	4,464	5,208	4,032	3,715	2,160
Base	2,232	2,232	2,160	2,976	3,605	2,976	3,720	2,016	2,972	2,880
Base	44,640	44,640	43,200	44,640	43,260	44,640	44,640	40,320	44,580	43,200
Base	4,464	4,464	4,320	4,464	4,326	4,464	4,464	4,032	4,458	4,320
Base	26,040	26,040	25,200	26,040	25,235	26,040	26,040	23,520	26,005	25,200
Base	1,488	1,488	1,440	1,488	1,442	1,488	1,488	1,344	1,486	1,440
Term	1,950	1,950	1,875	2,025	1,800	1,950				
Rate Based	150,288	150,288	145,440	150,288	145,440	150,288	150,288	135,744	150,086	145,440
Base	(5,208)	(5,208)	(5,040)	(5,208)						
Base	1,042	1,042								
Base	22,786	25,190	27,631	42,916	48,042	55,493	59,351	43,179	42,828	40,523
Base	8,683	7,082	3,144	1,770						
Base			244,080	256,680	277,200	305,784	295,368	275,520	283,826	297,360
Base							12,648	8,064	8,916	7,200
Base										
Base	10,400	10,400	10,000	10,800	9,600	10,400	10,400	9,600	10,400	10,400
Base	16,400	16,400	16,000	15,600	16,850	16,400				
Rate Based	5,208	5,208	5,040	5,208	5,047	5,208				
Term	10,400	10,400								
Term	20,800									
Term	10,400									
Term	31,200	31,200								
Term	83,200	83,200	80,000	86,400	76,800	83,200				
Term	20,800	20,800	20,000	21,600	19,200	20,800	20,800	19,200	20,800	20,800
Term	16,400	16,400	16,000	15,600	16,850	16,400	16,400	14,400	16,350	15,200
Term		10,400								

May-15	Jun-15
(18,600)	(18,000)
18,600	18,000
10,000	10,400
10,000	10,400
17,200	15,200
30,000	31,200
8,600	7,600
10,000	10,400
(10,000)	(10,400)
0	0
3,720	3,600
18,600	18,000
10,000	10,400
2,976	2,880
303	361
10,000	10,400
8,928	8,640
720	1,080
4,464	2,880
2,232	1,440
2,976	2,160
44,640	43,200
4,464	4,320
26,040	25,200
1,488	1,440
150,288	145,440
	1,656
35,181	28,766
4,635	8,367
361,584	363,600
5,952	5,760
(5,208)	(5,040)
10,000	10,400
20,000	20,800
17,200	15,200

	Peak	Off	Total	Quarter
Jan-11	400	344	744	Q1 2011
Feb-11	384	288	672	Q1 2011
Mar-11	432	311	743	Q1 2011
Apr-11	416	304	720	Q2 2011
May-11	400	344	744	Q2 2011
Jun-11	416	304	720	Q2 2011
Jul-11	400	344	744	Q3 2011
Aug-11	432	312	744	Q3 2011
Sep-11	400	320	720	Q3 2011
Oct-11	416	328	744	Q4 2011
Nov-11	400	321	721	Q4 2011
Dec-11	416	328	744	Q4 2011
Jan-12	400	344	744	Q1 2012
Feb-12	400	296	696	Q1 2012
Mar-12	432	311	743	Q1 2012
Apr-12	400	320	720	Q2 2012
May-12	416	328	744	Q2 2012
Jun-12	416	304	720	Q2 2012
Jul-12	400	344	744	Q3 2012
Aug-12	432	312	744	Q3 2012
Sep-12	384	336	720	Q3 2012
Oct-12	432	312	744	Q4 2012
Nov-12	400	321	721	Q4 2012
Dec-12	400	344	744	Q4 2012
Jan-13	416	328	744	Q1 2013
Feb-13	384	288	672	Q1 2013
Mar-13	416	327	743	Q1 2013
Apr-13	416	304	720	Q2 2013
May-13	416	328	744	Q2 2013
Jun-13	400	320	720	Q2 2013
Jul-13	416	328	744	Q3 2013
Aug-13	432	312	744	Q3 2013
Sep-13	384	336	720	Q3 2013
Oct-13	432	312	744	Q4 2013
Nov-13	400	321	721	Q4 2013
Dec-13	400	344	744	Q4 2013
Jan-14	416	328	744	Q1 2014
Feb-14	384	288	672	Q1 2014
Mar-14	416	327	743	Q1 2014
Apr-14	416	304	720	Q2 2014
May-14	416	328	744	Q2 2014
Jun-14	400	320	720	Q2 2014
Jul-14	416	328	744	Q3 2014
Aug-14	416	328	744	Q3 2014
Sep-14	400	320	720	Q3 2014
Oct-14	432	312	744	Q4 2014
Nov-14	384	337	721	Q4 2014
Dec-14	416	328	744	Q4 2014
Jan-15	416	328	744	Q1 2015
Feb-15	384	288	672	Q1 2015
Mar-15	416	327	743	Q1 2015
Apr-15	416	304	720	Q2 2015
May-15	400	344	744	Q2 2015
Jun-15	416	304	720	Q2 2015
Jul-15	416	328	744	Q3 2015
Aug-15	416	328	744	Q3 2015
Sep-15	400	320	720	Q3 2015
Oct-15	432	312	744	Q4 2015
Nov-15	384	337	721	Q4 2015
Dec-15	416	328	744	Q4 2015
Jan-16	400	344	744	Q1 2016
Feb-16	400	296	696	Q1 2016
Mar-16	432	311	743	Q1 2016
Apr-16	416	304	720	Q2 2016
May-16	400	344	744	Q2 2016
Jun-16	416	304	720	Q2 2016
Jul-16	400	344	744	Q3 2016
Aug-16	432	312	744	Q3 2016
Sep-16	400	320	720	Q3 2016
Oct-16	416	328	744	Q4 2016
Nov-16	400	321	721	Q4 2016
Dec-16	416	328	744	Q4 2016
Jan-17	400	344	744	Q1 2017
Feb-17	384	288	672	Q1 2017
Mar-17	432	311	743	Q1 2017
Apr-17	400	320	720	Q2 2017

Deal #	Category
39	PPL 7 Year Contract
40	PPL 7 Year Contract
41	PPL 7 Year Contract
42	PPL 7 Year Contract
43	PPL 7 Year Contract
44	PPL 7 Year Contract
45	PPL 7 Year Contract
46	PPL 7 Year Contract
65	PPL 7 Year Contract
66	PPL 7 Year Contract
67	PPL 7 Year Contract
68	PPL 7 Year Contract
69	PPL 7 Year Contract
70	PPL 7 Year Contract
71	PPL 7 Year Contract
72	PPL 7 Year Contract
3522	Other Small PPAs
3523	Other Small PPAs
8798	Competitive Solicitations
10589	Competitive Solicitations
10590	Competitive Solicitations
13070	Competitive Solicitations
13071	Competitive Solicitations
14064	Colstrip Unit 4
35517	Colstrip Unit 4
14065	Other Small PPAs
15558	Judith Gap
36931	Judith Gap
15561	Basin Creek
15677	Other Small PPAs
36948	Other Small PPAs
17511	QF Tier II
30314	QF Tier II
35120	QF Tier II
19933	Competitive Solicitations
19934	Competitive Solicitations
19935	Competitive Solicitations
19936	Competitive Solicitations
22602	QF-1 Tariff
24941	Competitive Solicitations
24943	Competitive Solicitations
24944	Competitive Solicitations
24945	Competitive Solicitations
24946	Competitive Solicitations
24947	Competitive Solicitations
24948	Competitive Solicitations
25895	Dave Gates Generating Station
26435	QF-1 Tariff
26436	QF-1 Tariff
26437	QF-1 Tariff
26448	QF-1 Tariff
26910	QF-1 Tariff
28202	QF-1 Tariff
27365	Spion Kop

	Month	Year
Jul-14	July	2014
Aug-14	August	2014
Sep-14	September	2014
Oct-14	October	2014
Nov-14	November	2014
Dec-14	December	2014
Jan-15	January	2015
Feb-15	February	2015
Mar-15	March	2015
Apr-15	April	2015
May-15	May	2015
Jun-15	June	2015

May-17	416	328	744	Q2 2017
Jun-17	416	304	720	Q2 2017
Jul-17	400	344	744	Q3 2017
Aug-17	432	312	744	Q3 2017
Sep-17	400	320	720	Q3 2017
Oct-17	416	328	744	Q4 2017
Nov-17	400	321	721	Q4 2017
Dec-17	400	344	744	Q4 2017
Jan-18	416	328	744	Q1 2018
Feb-18	384	288	672	Q1 2018
Mar-18	432	311	743	Q1 2018
Apr-18	400	320	720	Q2 2018
May-18	416	328	744	Q2 2018
Jun-18	416	304	720	Q2 2018
Jul-18	400	344	744	Q3 2018
Aug-18	432	312	744	Q3 2018
Sep-18	384	336	720	Q3 2018
Oct-18	432	312	744	Q4 2018
Nov-18	400	321	721	Q4 2018
Dec-18	400	344	744	Q4 2018
Jan-19	416	328	744	Q1 2019
Feb-19	384	288	672	Q1 2019
Mar-19	416	327	743	Q1 2019
Apr-19	416	304	720	Q2 2019
May-19	416	328	744	Q2 2019
Jun-19	400	320	720	Q2 2019
Jul-19	416	328	744	Q3 2019
Aug-19	432	312	744	Q3 2019
Sep-19	384	336	720	Q3 2019
Oct-19	432	312	744	Q4 2019
Nov-19	400	321	721	Q4 2019
Dec-19	400	344	744	Q4 2019
Jan-20	416	328	744	Q1 2020
Feb-20	400	296	696	Q1 2020
Mar-20	416	327	743	Q1 2020
Apr-20	416	304	720	Q2 2020
May-20	400	344	744	Q2 2020
Jun-20	416	304	720	Q2 2020
Jul-20	416	328	744	Q3 2020
Aug-20	416	328	744	Q3 2020
Sep-20	400	320	720	Q3 2020
Oct-20	432	312	744	Q4 2020
Nov-20	384	337	721	Q4 2020
Dec-20	416	328	744	Q4 2020

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-091 Regarding: Update of Table At FVB-18
Witness: Frank V. Bennett

Please provide an update of the table at FVB-18 of your 2014 testimony reflecting actual results through the most recent month in 2014 for which actual data are available, indicating which months are from actual results.

RESPONSE (November 7, 2014):

The table for actual values for the 2014/2015 tracking period has not been prepared for this docket.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-092 Regarding: 2014-15 Tracker Year Billing Statistics
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-1)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019 for Exhibit__(JSJ-1)14-15 (with supporting electronic workpaper) and the other D2014.5.46 exhibits accompanying the Prefiled Direct Testimony of Joseph S. Janhunen.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-093 Regarding: 2014-15 Tracker Year Billing Statistics
Witness: Joseph S. Janhunen

In your 2014 testimony at page JSJ-6, lines 5 to 18, you state that column F of Table 4 of Exhibit__(JAJ-1)14-15 shows changes to the Residential and DS-1 Secondary Classes as a result of their forecasted usage. You also state that these changes reflect the effects of normal weather, customer growth, and demand-side management activities for these groups. Please provide more details and a break-down of these changes by each cause (e.g., weather, customer growth, DSM, etc).

RESPONSE (November 7, 2014):

An exact determination of the amount for each cause is not available. While changes in customer behavior over time cannot be quantified, the following provides an estimate of the breakdown of these charges by each cause.

	Residential	GS-1
DSM	(24,970)	(19,859)
Growth	28,310	35,337
Weather	(66,115)	(17,675)
	(62,775)	(2,197)

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-094 Regarding: Deferred Supply Rates
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-2)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019.

NorthWestern Energy
Docket D2013.5.33/D2014.5.46
Electric Tracker

Montana Consumer Counsel (MCC)
Set 1 (001-112)

Data Requests received October 24, 2014

MCC-095 Regarding: Rebate Rates
Witness: Joseph S. Janhunen

Please explain the reason why the estimated rebates for the Irrigation Class in the months of May and June 2014 are $11,874 and $19,295 respectively as compared to almost nothing in the months of January to April 2014, as shown on Exhibit__(JSJ-2)14-15, page 8 of 8. Also, please provide an updated exhibit with actual values for the months of May and June 2014.

RESPONSE (November 7, 2014):

The amount of the rebate is based on usage times the rate established for the DSM rebate. Irrigation usage is very low during January through April. In May, customers begin to irrigate, which causes a dramatic increase in the irrigation usage.

See Attachment for the updated months of May and June.

NorthWestern Energy
Electric Utility
T&D DSM Revenue Rebate Over Refund
Tracker Period July 2013 to June 2014

		Jan-14 Actual	Feb-14 Actual	Mar-14 Actual	Apr-14 Actual	May-14 Actual	Jun-14 Actual
Beginning Balance		$2,349,336.05	$1,880,644.13	$1,458,999.57	$1,026,252.59	$ 641,458.65	$ 274,679.49
Residential		222,691.64	194,986.42	198,391.35	161,960.75	143,628.75	132,472.64
GS-1		232,721.78	210,674.35	216,068.42	199,776.56	196,362.03	196,674.37
GS-2		25,318.56	24,656.17	22,959.02	24,639.20	22,787.28	22,529.00
Lighting		3,966.21	3,663.11	4,029.76	3,857.52	3,829.49	3,723.85
Irrigation		(78.48)	21.25	(9.90)	(7.37)	2,497.96	9,660.05
		$ 484,619.71	$ 434,001.30	$ 441,438.65	$ 390,226.66	$ 369,105.51	$ 365,059.91
Ending Balance		$1,864,716.34	$1,446,642.83	$1,017,560.92	$ 636,025.93	$ 272,353.14	$ (90,380.42)
Monthly Interest	0.8542%	15927.79	12356.74	8,691.67	5,432.72	2,326.35	

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MCC-096 Regarding: CU4 Derivation of Rates
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-3)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019.

MCC-097 Regarding: DGGS Derivation of Rates
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-4)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019.

MCC-098 Regarding: Spion Kop Derivation of Rates
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-5)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019.

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MCC-099 Regarding: Supply Rates
Witness: Joseph S. Janhunen

Please provide an electronic working copy, with all links intact, of Exhibit__(JSJ-6)14-15, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-092" folder on the CD attached to MCC-019.

MCC-100 Regarding: 2013/2014 CU4 Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-4)13-14, with all links intact, including all workpapers. If actual data for the months of April, May and June 2014 are available, please provide the updated exhibit.

RESPONSE (November 7, 2014):

See the "MCC-076" folder on the CD attached to MCC-019.

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MCC-101 Regarding: 2013/2014 CU4 Tracking Period
Witness: Frank V. Bennett

Since Colstrip Unit 4 was offline from July 1, 2013 through January 23, 2014:

a) Please provide a detailed explanation of what the Fuel cost in the variable cost calculation (line 47, Exhibit__(FVB-4)13-14, page 2 of 2) represents for those months that CU4 was offline.

b) Please explain how many MWhs are related to each monthly fuel cost during CU4 outage.

RESPONSE (November 7, 2014):

a. NorthWestern has a reciprocal sharing agreement with PPL Montana who owns a similar 30% share of the 740 MW Colstrip Unit 3. NorthWestern and PPL Montana operate both of their shares of Colstrip Unit 3 and Unit 4 as a single project, effectively providing an equivalent 15% of two separate units at the same net total of 222 MW. The fuel cost reflects the fuel necessary to produce our scheduled amounts of electricity.

b. The MWh are shown in Exhibit__(FVB-1)13-14 Updated on line 26 of page 4.

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MCC-102 Regarding: 2013/2014 CU4 Tracking Period
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment netting $27,575 for the months of November and December 2013 and estimated June 2014, line 52 of your Exhibit__(FVB-4)13-14, page 2 of 2.

RESPONSE (November 7, 2014):

Please note that Exhibit__(FVB-4)13-14 has been updated to 12 months of actual values in Exhibit__(FVB-4)13-14 Updated. The Lost Revenue Adjustment in November and December were to update lost revenues to comply with Final Order No. 7219h from Docket No. D2012.5.49 and the adjustment in June is to true-up the over refunded lost revenues.

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MCC-103 Regarding: 2014/2015 CU4 Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-5)14-15, with all links intact, including all workpapers.

RESPONSE (November 7, 2014):

See the "MCC-076" folder on the CD attached to MCC-019.

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MCC-104 Regarding: CU4 DSM Revenue Rebate
Witness: Joseph S. Janhunen

Please explain the reason why the estimated rebates for the Irrigation Class in the months of May and June 2014 are $5,706 and $9,273 respectively compared to almost nothing in the months of January to April 2014, as shown on Exhibit__(JSJ-3)14-15, page 8 of 8. Also, please provide an updated exhibit with actual values for the months of May and June 2014.

RESPONSE (November 7, 2014):

See the response to Data Request MCC-095.

See Attachment for the updated months of May and June.

NorthWestern Energy
Electric Utility
CU4 DSM Revenue Rebate Over Refund
Tracker Period July 2013 to June 2014

		Jan-14 Actual	Feb-14 Actual	Mar-14 Actual	Apr-14 Actual	May-14 Actual	Jun-14 Actual
Beginning Balance		$1,129,664.78	$ 904,404.77	$ 701,755.52	$ 493,771.85	$ 308,832.19	$ 132,551.39
Residential		107,021.94	93,707.27	95,343.62	77,835.67	69,025.62	63,664.18
GS-1		111,843.73	101,248.06	103,840.20	96,010.62	94,369.60	94,519.72
GS-2		12,185.67	11,866.69	11,049.89	11,858.65	10,967.35	10,843.22
Lighting		1,906.09	1,760.42	1,936.63	1,853.86	1,840.38	1,789.62
Irrigation		(37.72)	10.21	(4.76)	(3.54)	1,200.47	4,642.45
		$ 232,919.71	$ 208,592.65	$ 212,165.58	$ 187,555.26	$ 177,403.42	$ 175,459.19
Ending Balance		$ 896,745.07	$ 695,812.12	$ 489,589.94	$ 306,216.59	$ 131,428.77	$ (42,907.80)
Monthly Interest	0.8542%	$ 7,659.70	$ 5,943.40	$ 4,181.91	$ 2,615.60	$ 1,122.62	

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MCC-105 Regarding: 2013/2014 DGGS Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-6)13-14, with all links intact, including all workpapers. If actual data for the months of April, May and June 2014 are available, please provide the updated exhibit.

RESPONSE (November 7, 2014):

Please see "MCC-076" folder on the CD attached to MCC-019.

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MCC-106 Regarding: 2013/2014 DGGS Tracking Period
Witness: Frank V. Bennett

Please provide a detailed explanation of the $(64,522) in the month of estimated May 2014 labeled as MPSC-Related Fuel Adjustment (line 56, Exhibit__(FVB-6)13-14, and provide detailed workpapers showing its calculation.

RESPONSE (November 7, 2014):

Under testimony filed in Docket No. D2012.5.49 and confirmed by Final Order No. 7219h, NorthWestern uses actual market cost in its 7 aMW of power dedicated to Energy Supply. NorthWestern trued up the 2012 through 2014 Rate-Based Asset true-up model to reflect this actual cost. Please see the files in the "MCC-106" folder on the CD attached to MCC-019 for the trueup work papers.

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MCC-107 Regarding: 2013/2014 DGGS Tracking Period
Witness: Frank V. Bennett

Please explain in detail why the $(1,419,172) Regulation Adjustment Order 7283 (line 64, Exhibit__(FVB-6)13-14) was not accounted for prior to estimated April 2014 even though Interim Order 7283 was effective for service rendered on and after July 1, 2013.

RESPONSE (November 7, 2014):

NorthWestern was waiting on Order No. 7219h from Docket No. D2012.5.49 issued October of 2013. The tracker adjustment was calculated from October of 2013 and deferred adjustments made through the April 2014 entry in the then-current actual tracker period. Please see the "MCC-107" folder on the CD attached to MCC-019 for the DGGS 13-14 regulation disallowance true-up.

MCC-109 Regarding: 2014/2015 DGGS Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-7)14-15, with all links intact, including all workpapers.

RESPONSE (November 7, 2014):

Please see "MCC-076" folder on the CD attached to MCC-019.

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Montana Consumer Counsel (MCC)
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MCC-110 Regarding: DGGS DSM Revenue Rebate
Witness: Joseph S. Janhunen

Please explain the reason why the estimated rebates for the Irrigation Class in the months of May and June 2014 are $620 and $1,007 respectively compared to small negative values in the months of January to April 2014, as shown on Exhibit__(JSJ-4)14-15, page 7 of 7. Also, please provide an updated exhibit with actual values for the months of May and June 2014.

RESPONSE (November 7, 2014):

See the response to Data Request MCC-095.

See Attachment for the updated months of May and June.

NorthWestern Energy
Electric Utility
DGGS DSM Revenue Rebate Over Refund
Tracker Period July 2013 to June 2014

		Jan-14 Actual	Feb-14 Actual	Mar-14 Actual	Apr-14 Actual	May-14 Actual	Jun-14 Actual
Beginning Balance		$ 122,898.97	$ 98,415.28	$ 76,387.44	$ 53,782.02	$ 33,677.36	$ 14,514.30
Residential		11,621.13	10,175.34	10,353.02	8,451.90	7,495.25	6,913.06
GS-1		12,150.86	11,000.08	11,280.99	10,430.77	10,252.44	10,268.74
GS-2		1,342.34	1,307.10	1,217.14	1,306.29	1,208.11	1,194.53
Lighting		206.97	191.16	210.29	201.30	199.84	194.33
Irrigation		(4.10)	1.11	(0.52)	(0.38)	130.35	504.10
		$ 25,317.20	$ 22,674.79	$ 23,060.92	$ 20,389.88	$ 19,285.99	$ 19,074.76
Ending Balance		$ 97,581.77	$ 75,740.49	$ 53,326.52	$ 33,392.14	$ 14,391.37	$ (4,560.46)
Monthly Interest	0.8542%	$ 833.51	$ 646.95	$ 455.50	$ 285.22	$ 122.93	

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MCC-111 Regarding: 2013/2014 Spion Kop Tracking Period
Witness: Frank V. Bennett

Please provide an electronic working copy of Exhibit__(FVB-8)13-14, with all links intact, including all workpapers. If actual data for the months of April, May and June 2014 are available, please provide the updated exhibit.

RESPONSE (November 7, 2014):

Please see "MCC-076" folder on the CD attached to MCC-019.

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Montana Consumer Counsel (MCC)
Set 1 (001-112)

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MCC-112 Regarding: 2013/2014 Spion Kop Tracking Period
Witness: Frank V. Bennett

Please provide a detailed explanation of the DSM Lost Revenue Adjustment totaling $18,029 for the tracker year July 2013 to June 2014, line 53 of your Exhibit__(FVB-8)13-14, page 2 of 2.

RESPONSE (November 7, 2014):

Please note that Exhibit__(FVB-8)13-14 has been updated to 12 months of actual values in Exhibit__(FVB-8)13-14 Updated. The Lost Revenue Adjustments were to update lost revenues to comply with Final Order No. 7219h from Docket No. D2012.5.49.