

Schedule No. QF-1

QUALIFYING FACILITY POWER PURCHASE

**APPLICABILITY:** Applicable to any Seller with nameplate capacity of 3 MW or less who enters into a Power Purchase Agreement (Agreement) with the Utility for the sale of electric power to the Utility from a Qualifying Facility (QF) as defined under the Rules of the Commission.

QFs with nameplate capacity greater than 3 MW may also request a short-term Agreement under this Tariff, prior to completion of the next competitive solicitation, whereby purchases between the Utility and a Seller shall be accomplished in accordance with Rate Option 1(b), 2(a) or 2(b) of this Tariff.

The Utility shall purchase electrical energy for a term of not less than one month.

The QF-1 Tariff rates reflect system Interconnection Facilities related costs but do not reflect Network Upgrade costs. Seller must apply for interconnection and enter into the applicable generation interconnection agreement with the Utility addressing those items in addition to entering into an Agreement under the terms of this Tariff.

An existing qualifying facility smaller than 10 MW whose contract with a utility expires prior to July 1, 2015 will not be subject to the 3 MW size limitation for the purpose of obtaining a new contract under an existing standard rate option.

**RATE OPTIONS:** Seller may select from the following two rate options and sub-options:

For all Rate Options 1 and 2, refer to Special Terms and Conditions Item 3 Disposition of REC's, Item 4 Wind Integration and Item 5 Contingency Reserves.

For all Rate Options 1, the selected Option 1 Rate will be adjusted by addition of the value of Contingency Reserves for thermal generation, per the current Contingency Reserves Tariff CR-1. Subsequent to this adjustment, QFs must either self-provide or purchase Contingency Reserves as described in Item 5 under Special Terms and Conditions.

ENERGY &  
TELECOMMUNICATIONS  
INTERIM COMMITTEE 2015-2016

July 14, 2016

Exhibit 10

(continued)

Schedule No. QF-1

QUALIFYING FACILITY POWER PURCHASE

**Option 1(a): Non-Wind Installations Only: Agreement lengths: 19 months to 25 years -- long-term.**

RATE:

Energy (\$/kWh):

Off-Peak Hours \$ 0.05314

On-Peak Hours: \$ 0.09273

Payments: Rate x kWh metered during each Off-Peak Hours and On-Peak Hours period.

kWh = Metered kilowatt-hours supplied to the Utility for each Off-Peak Hours and On-Peak Hours period.

**Option 1(b): Agreement lengths: 1 month to 18 months -- short-term.**

RATE:

Energy (\$/kWh): \$ 0.03347

Payments: Hourly Rate x Hourly kWh

kWh = Metered kilowatt hours supplied to the Utility in each hour.

**Option 1(c): Wind Installations Only: Agreement lengths: 19 months to 25 years -- long-term.**

RATE:

Off-Peak Hours: \$ 0.05314

On-Peak Hours: \$ 0.05850

Payments: Hourly Rate x Hourly kWh

kWh = Metered kilowatt hours supplied to the Utility in each hour.

(continued)

ELECTRIC TARIFF

NorthWestern  
Energy

Canceling	<u>3<sup>rd</sup></u>	Revised	Sheet No.	<u>74.3</u>
	<u>2<sup>nd</sup></u>	Revised	Sheet No.	<u>74.3</u>

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Option 2(a): Agreement length of up to 25 years.

Rate: This rate is equal to NorthWestern Energy's (NWE's) highest actual cost 25 MWh purchases in the Mid-Columbia (Mid-C) market in each hour based on all day-ahead and real-time transactions, less \$.001/kWh market price differential between Mid-C and Montana. This rate will be filed with the Commission on a lagged monthly basis, such that the calculated hourly rates for each hour in Month 1 must be filed by the first of Month 3.

The floor price for each hour shall be based on the previous year's C4 annual fuel costs escalated through June 30<sup>th</sup> of the effective year and updated each Agreement Year. The present floor rate is:

Energy (\$/kWh): \$ 0.0173221

Payments: Hourly Rate x Hourly kWh

kWh = Metered kilowatt hours supplied to the Utility in each hour.

Option 2(b): Agreement length of up to 25 years.

Rate: This rate is equal to the published Intercontinental Exchange (ICE) Mid-C index price for Heavy Load Hours and Light Load Hours, less \$.001/kWh market price differential between Mid-C and Montana, and applied to the Heavy Load and Light Load metered production of Seller. Another Mid-C price index may be substituted if necessary, if ICE is no longer available.

Payments: Daily Heavy Load Hour and Light Load Hour Rate x Heavy Load and Light Load kWh

kWh = Metered kilowatt hours supplied to the Utility in each daily Heavy Load and Light Load period.

(continued)

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### QUALIFYING FACILITY POWER PURCHASE

#### SPECIAL TERMS AND CONDITIONS:

1) Definitions:

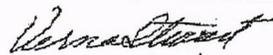
- A. "Agreement" means the Power Purchase Agreement between Seller and the Utility for a term of not less than one month.
- B. "Agreement Year" means a twelve-month period beginning on July 1 of any year.
- C. "Commission" means the Montana Public Service Commission.
- D. "Contingency Reserves" are an amount of spinning and nonspinning reserves (at least half must be spinning reserve) sufficient to meet the North American Electric Reliability Council (NERC) Disturbance Control Standard BAL-002 consistent with Western Electric Coordinating Council and Northwest Power Pool requirements.
- E. "Heavy Load Hours" means the weekday and Saturday hours ending 7 and through hour ending 22 inclusive, Pacific Prevailing Time, except NERC defined holidays. For purposes of this Tariff, Heavy Load Hours correspond to Peak hours as used on the ICE web site.
- F. "Light Load Hours" means those hours not included in the definition of Heavy Load Hours. For purposes of this Tariff, Light Load Hours correspond to Off-Peak hours as used on the ICE web site.
- G. "Off-Peak Hours" means those hours in the year not included in the definition of On-Peak Hours.
- H. "On-Peak Hours" means the Heavy Load hours for the months of January, February, July, August, and December.
- I. "RECs" means renewable energy credit. One megawatt hour of renewable energy generation gives rise to one REC, and this REC embodies all environmental attributes of that renewable energy generation.
- J. "Utility" means NorthWestern Energy or NWE.
- K. "Regulating Reserve" is spinning reserve immediately responsive to Automatic Generation Control (AGC) to provide sufficient regulating margin to allow the Balancing Authority to meet NERC's Control Performance Criteria (BAL-001).

(continued)

Commission Approved: May 26, 2010  
Docket No.: D2008.12.146, Order No. 6973d  
Tariff Letter No. Revised 185-E

Effective for service rendered on or after  
May 26, 2010

PUBLIC SERVICE COMMISSION



Secretary

ELECTRIC TARIFF

NorthWestern  
Energy

	1 <sup>st</sup>	Revised	Sheet No.	74.5
Canceling	Original	Revised	Sheet No.	74.5

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- L. "Seller," for purposes of this schedule, is any individual, partnership, corporation, association, government agency, political subdivision, municipality or other entity that:
1. Operates a QF; and
  2. Has entered into an Agreement with the Utility stipulating the terms and conditions of the interconnection and sale of electric power to the Utility.
- M. "Interconnection Facilities" means the Transmission Provider's Interconnection Facilities and the QF Interconnection Customer's Interconnection Facilities. Collectively, Interconnection Facilities include all facilities and equipment between the Small Generating Facility and the Point of Interconnection, including any modification, additions or upgrades that are necessary to physically and electrically interconnect the Small Generating Facility to the Transmission Provider's Transmission System. Interconnection Facilities are sole use facilities and shall not include Distribution Upgrades or Network Upgrades.
- N. "Network Upgrades" means additions, modifications, and upgrades to NorthWestern's transmission system required at or beyond the point at which the Small Generating Facility interconnects with the transmission system to accommodate the interconnection with the Small Generating Facility to NorthWestern's transmission system. Network Upgrades do not include Distribution Upgrades.
- O. "Wind Integration Services" means those services necessary to integrate wind generation into the Utility's electric transmission and/or distribution system(s) in a manner such that all operational and reliability criteria are met. Wind Integration Services include, but are not limited to, Regulating Reserves, imbalance service, and scheduling.
- 2) Net Billing Option: If Seller contracts for Net Billing and the Seller's consumption kWh exceeds its production kWh, Seller shall be billed for power supply for the consumption kWh in excess of the production kWh in accordance with the Utility's applicable rate schedule. If Seller's consumption kWh is less than its production kWh, Seller shall receive a power supply payment (credit) for the production kWh in excess of the consumption kWh at the Rates specified above.
- 3) Disposition of RECs: QFs selecting Option 1 rates whose project creates RECs must contractually address the disposition of RECs for the Agreement Term. A QF may agree to convey all RECs to NWE, in which case NWE must adjust the rates at the time a state or federal law or regulation results in actual costs to NWE for CO2 emissions. A QF may also choose to retain all RECs, in which case the rates are not subject to adjustment for future CO2 emission costs.

(continued)

Staff Approved: November 30, 2011  
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Tariff Letter No. 210-E

Effective for service rendered on or after  
October 19, 2011

PUBLIC SERVICE COMMISSION

*Alicia Salim* Secretary

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A QF that chooses to contractually retain RECs may still separately attempt to negotiate for the sale of RECs to NWE or other interested parties at any time that an Agreement remains in effect. Any such negotiation occurs separate from the Power Purchase Agreement and does not create a reopening that refreshes the rates in the Agreement.

QFs selecting Option 2 rates need not convey RECs to NWE, but may still separately attempt to negotiate for the sale of RECs to NWE or other interested entities at any time that an Agreement remains in effect.

- 4) Wind Integration: Sellers of Wind Energy selecting Options 1 or 2 must contractually agree to the provision of wind integration services for the term of the Agreement and may either self-supply sufficient within-hour regulating reserves under terms acceptable to NorthWestern or pay the Utility for these services according to the Wind Integration Tariff (WI-1). Payment to the Utility for selection of service through WI-1 will result in a deduction from the total monthly payment made to the QF to reflect the provision of integration services.
- 5) Contingency Reserves: QFs selecting Option 1 or Option 2 must either self-supply contingency reserves, or purchase the needed reserves from NWE under contract at the rate as specified according to the Contingency Reserves Tariff (CR-1). Under either Option 1 or Option 2, if the QF purchases reserves from NWE under contract, the CR-1 rate for the appropriate resource type will be deducted from the total monthly payment made to the QF to reflect the provision of contingency reserves.
- 6) Hourly Metering: Sellers are required to install interval metering capability if necessary to support the Rate Option chosen.

SERVICE AND RATES SUBJECT TO COMMISSION JURISDICTION: All rates and service conditions under this Rate Schedule are governed by the rules and regulations of the Public Service Commission of Montana and are subject to revision as the Commission may duly authorize in the exercise of its jurisdiction.

 KeyCite Yellow Flag - Negative Treatment  
Proposed Legislation

United States Code Annotated  
Title 16. Conservation  
Chapter 12. Federal Regulation and Development of Power (Refs & Annos)  
Subchapter II. Regulation of Electric Utility Companies Engaged in Interstate Commerce

16 U.S.C.A. § 824a-3

§ 824a-3. Cogeneration and small power production

Effective: August 8, 2005

Currentness

**(a) Cogeneration and small power production rules**

Not later than 1 year after November 9, 1978, the Commission shall prescribe, and from time to time thereafter revise, such rules as it determines necessary to encourage cogeneration and small power production, and to encourage geothermal small power production facilities of not more than 80 megawatts capacity, which rules require electric utilities to offer to--

- (1) sell electric energy to qualifying cogeneration facilities and qualifying small power production facilities<sup>1</sup> and
- (2) purchase electric energy from such facilities.

Such rules shall be prescribed, after consultation with representatives of Federal and State regulatory agencies having ratemaking authority for electric utilities, and after public notice and a reasonable opportunity for interested persons (including State and Federal agencies) to submit oral as well as written data, views, and arguments. Such rules shall include provisions respecting minimum reliability of qualifying cogeneration facilities and qualifying small power production facilities (including reliability of such facilities during emergencies) and rules respecting reliability of electric energy service to be available to such facilities from electric utilities during emergencies. Such rules may not authorize a qualifying cogeneration facility or qualifying small power production facility to make any sale for purposes other than resale.

**(b) Rates for purchases by electric utilities**

The rules prescribed under subsection (a) of this section shall insure that, in requiring any electric utility to offer to purchase electric energy from any qualifying cogeneration facility or qualifying small power production facility, the rates for such purchase--

- (1) shall be just and reasonable to the electric consumers of the electric utility and in the public interest, and
- (2) shall not discriminate against qualifying cogenerators or qualifying small power producers.

No such rule prescribed under subsection (a) of this section shall provide for a rate which exceeds the incremental cost to the electric utility of alternative electric energy.

**(c) Rates for sales by utilities**

The rules prescribed under subsection (a) of this section shall insure that, in requiring any electric utility to offer to sell electric energy to any qualifying cogeneration facility or qualifying small power production facility, the rates for such sale--

(1) shall be just and reasonable and in the public interest, and

(2) shall not discriminate against the qualifying cogenerators or qualifying small power producers.

**(d) "Incremental cost of alternative electric energy" defined**

For purposes of this section, the term "incremental cost of alternative electric energy" means, with respect to electric energy purchased from a qualifying cogenerator or qualifying small power producer, the cost to the electric utility of the electric energy which, but for the purchase from such cogenerator or small power producer, such utility would generate or purchase from another source.

**(e) Exemptions**

(1) Not later than 1 year after November 9, 1978, and from time to time thereafter, the Commission shall, after consultation with representatives of State regulatory authorities, electric utilities, owners of cogeneration facilities and owners of small power production facilities, and after public notice and a reasonable opportunity for interested persons (including State and Federal agencies) to submit oral as well as written data, views, and arguments, prescribe rules under which geothermal small power production facilities of not more than 80 megawatts capacity, qualifying cogeneration facilities, and qualifying small power production facilities are exempted in whole or part from the Federal Power Act [16 U.S.C.A. § 791a et seq.], from the Public Utility Holding Company Act [15 U.S.C.A. § 79 et seq.], from State laws and regulations respecting the rates, or respecting the financial or organizational regulation, of electric utilities, or from any combination of the foregoing, if the Commission determines such exemption is necessary to encourage cogeneration and small power production.

(2) No qualifying small power production facility (other than a qualifying small power production facility which is an eligible solar, wind, waste, or geothermal facility as defined in section 3(17)(E) of the Federal Power Act [16 U.S.C. § 796(17)(E)]) which has a power production capacity which, together with any other facilities located at the same site (as determined by the Commission), exceeds 30 megawatts, or 80 megawatts for a qualifying small power production facility using geothermal energy as the primary energy source, may be exempted under rules under paragraph (1) from any provision of law or regulation referred to in paragraph (1), except that any qualifying small power production facility which produces electric energy solely by the use of biomass as a primary energy source, may be exempted by the Commission under such rules from the Public Utility Holding Company Act [15 U.S.C.A. § 79 et seq.] and from State laws and regulations referred to in such paragraph (1).

# Montana Code Annotated 2015

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**69-3-604. (Temporary) Standards for determination of rates and conditions.** (1) The commission shall determine the rates and conditions of the contract for the sale of electricity by a qualifying small power production facility according to the standards in subsections (2) through (5).

(2) Long-term contracts for the purchase of electricity by the utility from a qualifying small power production facility must be encouraged in order to enhance the economic feasibility of qualifying small power production facilities.

(3) The rates to be paid by a utility for electricity purchased from a qualifying small power production facility must be established with consideration of the availability and reliability of the electricity produced.

(4) The commission shall set these rates using the avoided cost over the term of the contract.

(5) The commission may adopt rules further defining the criteria for qualifying small power production facilities, their cost-effectiveness, and other standards. *(Repealed on occurrence of contingency--secs. 1, 3, Ch. 284, L. 2003--see part compiler's comment.)*

**History:** En. Sec. 4, Ch. 436, L. 1981; amd. Sec. 3, Ch. 232, L. 1983; amd. Sec. 1, Ch. 60, L. 2011.

*Provided by Montana Legislative Services*

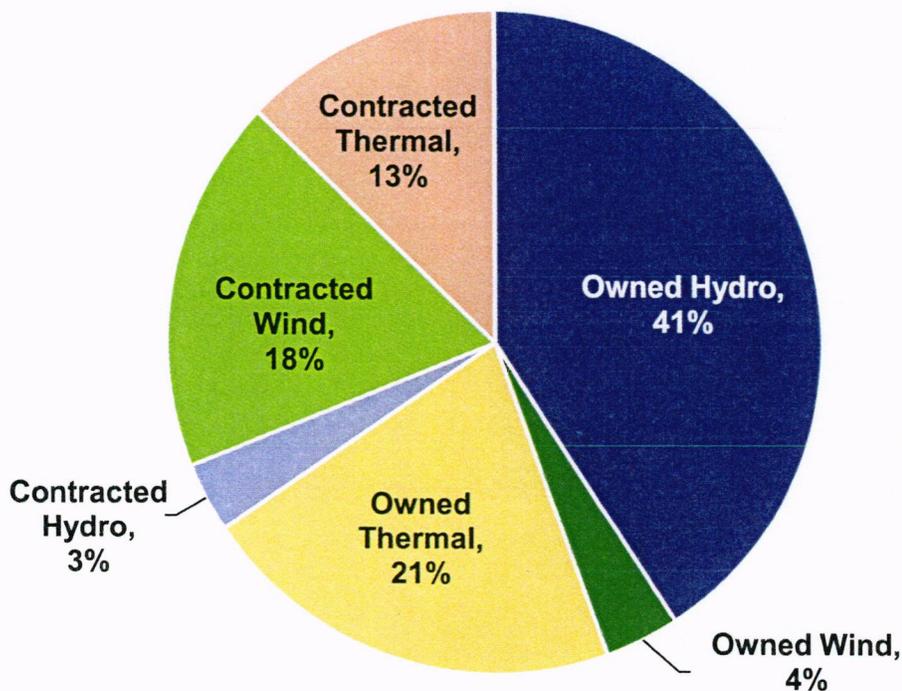
## CHAPTER 8 EXISTING RESOURCES

### Existing Resources Included in Modeled Portfolios

#### Introduction

NorthWestern serves retail loads using company-owned generation, a number of generation facilities under power purchase agreements (“PPAs”), and wholesale market purchases. Figure 8-1 summarizes the nameplate capacity percentages of owned and contracted resource types currently supplying energy to NorthWestern’s Montana customers in 2016.

Figure 8-1 2016 Electricity Supply Portfolio  
(Based on nameplate capacity)

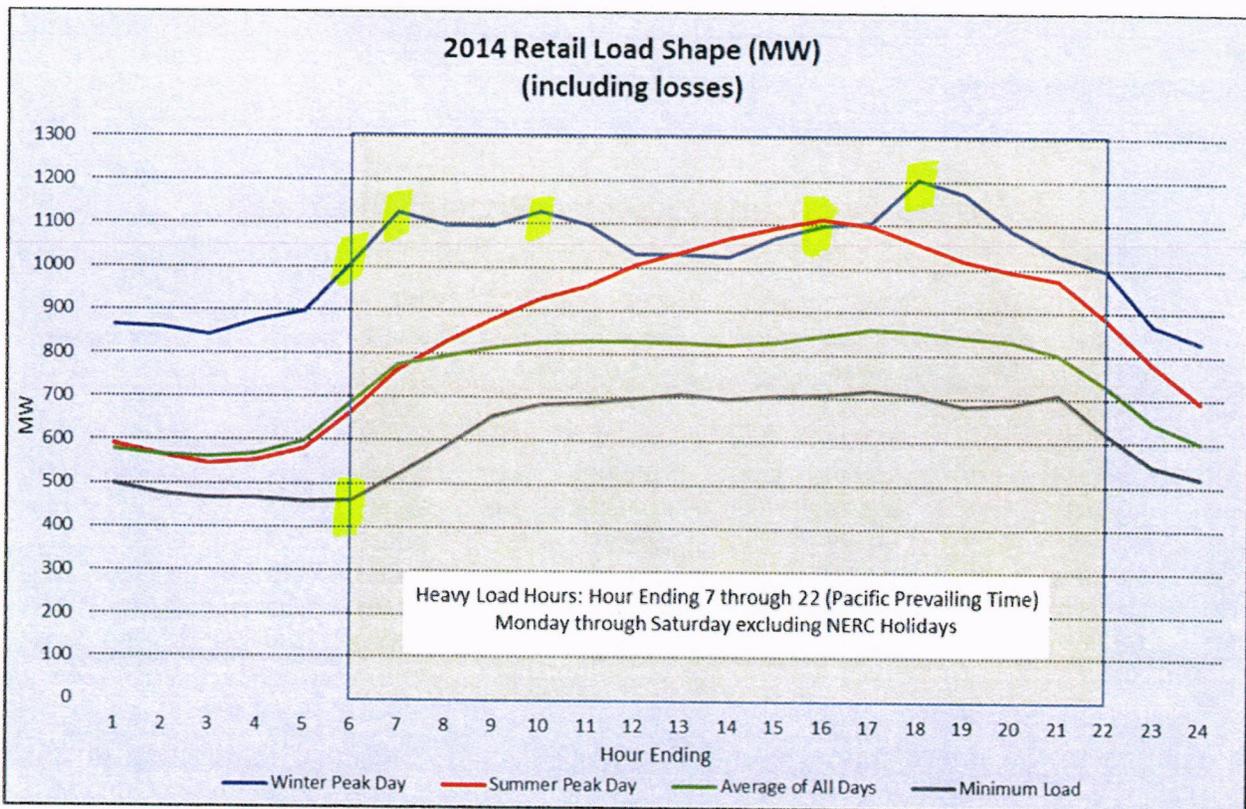


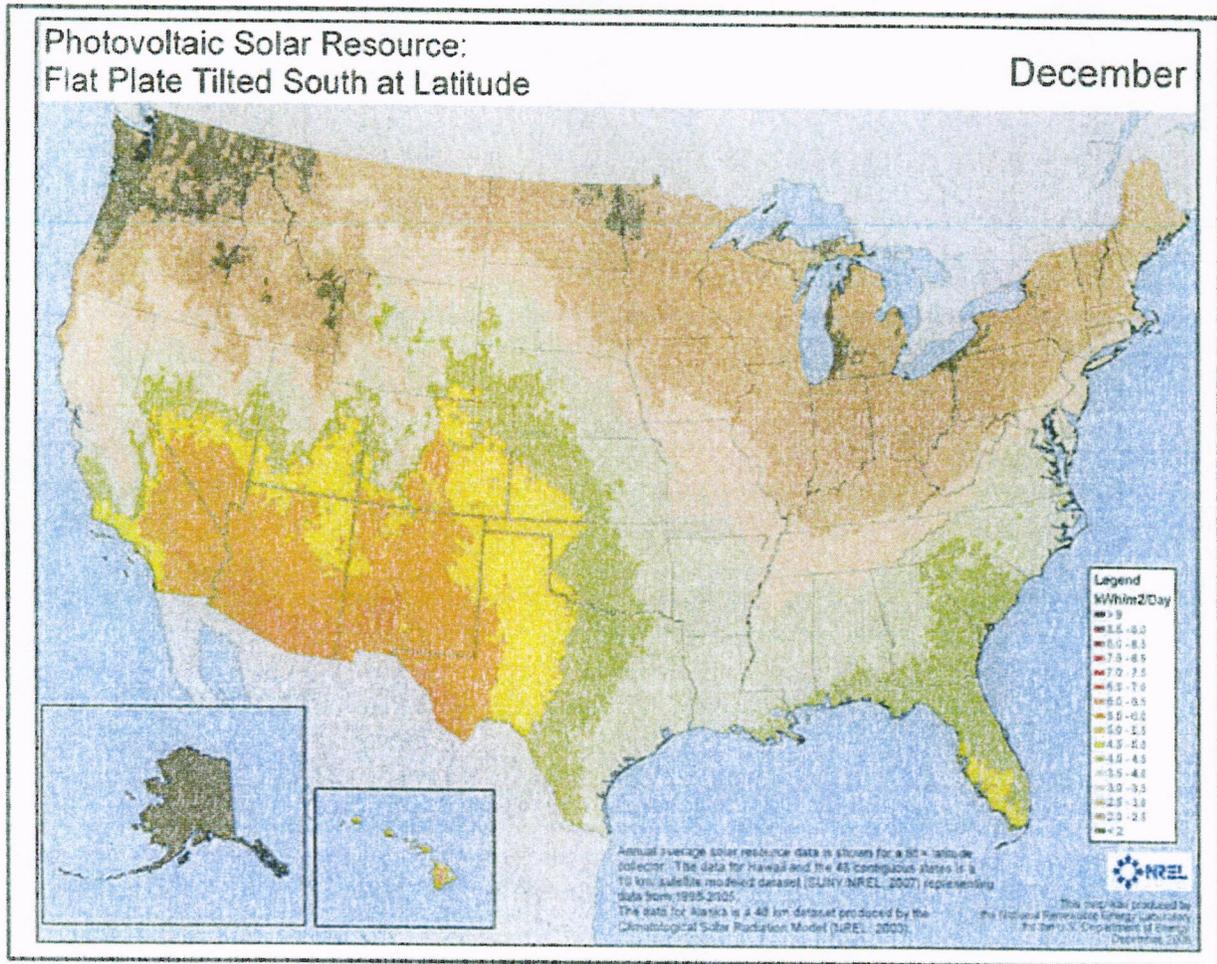
### Retail Load Shape

The retail load shape is driven primarily by the energy consumption patterns from two rate classes: residential and GS-1 secondary. The pattern of retail consumption is seasonal and weather sensitive according to changes in outside air temperatures which span a range from over 100 degrees Fahrenheit to double digit negative values in a typical year.

Figure 2-4 illustrates the range of hourly retail load including losses for 2014. The blue and red lines show the peak winter and summer load days while the black line illustrates a minimum load day from May. The green line was created by averaging the hourly load values for individual hours of the day.

Figure 2-4 2014 Retail Load Shape





	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2	<b>Net Tier II CTC-QF Charges Estimates w/Proceeds Credit - 2002 to 2032</b>																							
6	Tax Effect of Levelized Payment																							
7	Contract Years	Total Out of Market \$	MPSC Share of QF Out-of-Market \$ @ 93.0743%	Net QF Out-of-Market \$ after Proceeds	Retail Annual kWh Consumption	Average Annual CTC-QF kWh Charge (Col. H / Col. J)	Levelized Payments	Taxable Difference	Additional Tax	Cummulative Tax Ratebase Adjustment	Revenue Requirement on Tax Ratebase													
8	2002-2003	\$23,965,517	\$22,305,737	\$18,545,858	8,977,211,588	\$0.002858	\$29,017,338	\$10,471,478	\$ 4,124,453	\$ 4,124,453	484,623													
9	2003-2004	\$26,594,838	\$24,752,959	\$20,580,574	7,026,822,051	\$0.002929	\$29,017,338	\$8,438,782	\$ 3,323,030	\$ 7,447,483	875,079													
10	2004-2005	\$28,328,496	\$26,386,550	\$21,922,176	7,076,526,820	\$0.003088	\$29,017,338	\$7,095,180	\$ 2,784,606	\$ 10,242,090	1,203,446													
11	2005-2006	\$30,083,710	\$28,000,202	\$23,280,458	7,128,930,234	\$0.003267	\$29,017,338	\$5,736,878	\$ 2,259,613	\$ 12,501,702	1,468,950													
12	2006-2007	\$31,973,224	\$29,758,854	\$24,742,670	7,177,837,884	\$0.003447	\$29,017,338	\$4,274,868	\$ 1,883,684	\$ 14,185,387	1,666,783													
13	2007-2008	\$33,633,887	\$31,304,505	\$28,027,784	7,229,254,611	\$0.003600	\$29,017,338	\$2,989,552	\$ 1,177,510	\$ 15,362,896	1,805,140													
14	2008-2009	\$35,437,391	\$32,983,103	\$27,423,436	7,281,185,505	\$0.003766	\$29,017,338	\$1,593,900	\$ 627,797	\$ 15,990,894	1,878,907													
15	2009-2010	\$37,142,668	\$34,570,278	\$28,743,075	7,333,635,708	\$0.003919	\$29,017,338	\$274,261	\$ 108,025	\$ 16,098,718	1,891,599													
16	2010-2011	\$38,713,306	\$36,032,139	\$29,858,523	7,386,610,413	\$0.004058	\$29,017,338	(\$941,187)	\$ (370,710)	\$ 15,728,009	1,848,041													
17	2011-2012	\$39,757,302	\$37,003,830	\$30,768,425	7,440,114,865	\$0.004135	\$29,017,338	(\$1,749,089)	\$ (688,822)	\$ 15,039,088	1,767,093													
18	2012-2013	\$41,429,808	\$38,580,502	\$32,060,702	7,494,154,361	\$0.004278	\$29,017,338	(\$3,043,366)	\$ (1,198,706)	\$ 13,840,381	1,628,245													
19	2013-2014	\$44,429,872	\$41,352,606	\$34,382,166	7,548,734,253	\$0.004555	\$29,017,338	(\$5,364,830)	\$ (2,113,072)	\$ 11,727,308	1,377,959													
20	2014-2015	\$47,159,234	\$43,893,127	\$36,494,454	7,603,859,943	\$0.004799	\$29,017,338	(\$7,477,118)	\$ (2,945,050)	\$ 8,782,258	1,031,915													
21	2015-2016	\$49,868,349	\$46,412,755	\$38,589,371	7,659,536,890	\$0.005038	\$29,017,338	(\$9,572,035)	\$ (3,770,185)	\$ 5,012,073	588,919													
22	2016-2017	\$52,880,598	\$49,218,247	\$40,821,968	7,715,770,607	\$0.005304	\$29,017,338	(\$11,904,830)	\$ (4,888,936)	\$ 323,137	37,969													
23	2017-2018	\$55,111,907	\$51,295,022	\$42,848,678	7,772,566,661	\$0.005487	\$29,017,338	(\$13,631,342)	\$ (5,369,045)	\$ (5,045,908)	(592,894)													
24	2018-2019	\$50,762,873	\$47,247,189	\$39,283,152	7,829,930,678	\$0.005017	\$29,017,338	(\$10,265,816)	\$ (4,043,448)	\$ (9,089,358)	(1,067,999)													
25	2019-2020	\$47,780,794	\$44,471,840	\$36,975,452	7,887,868,330	\$0.004688	\$29,017,338	(\$7,958,116)	\$ (3,134,503)	\$ (12,223,859)	(1,438,303)													
26	2020-2021	\$50,279,509	\$46,797,301	\$38,909,097	7,946,385,362	\$0.004896	\$29,017,338	(\$9,891,761)	\$ (3,886,117)	\$ (16,119,977)	(1,894,097)													
27	2021-2022	\$52,472,828	\$48,838,717	\$40,806,411	8,005,487,563	\$0.005072	\$29,017,338	(\$11,589,074)	\$ (4,564,647)	\$ (20,684,824)	(2,430,443)													
28	2022-2023	\$55,186,177	\$51,364,148	\$42,706,152	8,065,180,787	\$0.005295	\$29,017,338	(\$13,688,816)	\$ (5,391,882)	\$ (26,078,306)	(3,063,966)													
29	2023-2024	\$58,101,980	\$54,078,011	\$44,962,584	8,125,470,942	\$0.005534	\$29,017,338	(\$15,945,228)	\$ (6,280,427)	\$ (32,356,732)	(3,801,916)													
30	2024-2025	\$56,057,594	\$52,175,213	\$43,380,503	8,186,364,000	\$0.005299	\$29,017,338	(\$14,363,167)	\$ (5,657,292)	\$ (38,014,025)	(4,468,648)													
31	2025-2026	\$36,935,811	\$34,377,748	\$28,582,998	8,247,865,987	\$0.003468	\$29,017,338	\$434,338	\$ 171,075	\$ (37,842,950)	(4,446,547)													
32	2026-2027	\$39,576,885	\$36,835,722	\$30,826,854	8,309,982,995	\$0.003688	\$29,017,338	(\$1,609,317)	\$ (633,870)	\$ (38,478,820)	(4,521,026)													
33	2027-2028	\$38,943,092	\$36,248,011	\$30,136,344	8,372,721,173	\$0.003599	\$29,017,338	(\$1,119,008)	\$ (440,748)	\$ (38,917,569)	(4,572,814)													
34	2028-2029	\$18,603,459	\$17,315,039	\$14,396,398	8,438,086,733	\$0.001707	\$29,017,338	\$14,820,938	\$ 5,758,822	\$ (33,158,747)	(3,896,153)													
35	2029-2030	(\$525)	(\$489)	(\$409)	8,500,085,948	(\$0.000000)		\$406	\$ 160	\$ (33,158,587)	(3,896,134)													
36	2030-2031	(\$539)	(\$502)	(\$417)	8,564,725,155	(\$0.000000)		\$417	\$ 164	\$ (33,158,423)	(3,896,115)													
37	2031-2032	(\$558)	(\$518)	(\$432)	8,630,010,755	(\$0.000000)		\$432	\$ 170	\$ (33,158,253)	(3,896,095)													
38	Totals	\$1,121,207,086	\$1,043,555,847	\$887,852,787			\$783,468,077	(\$84,184,710)	(\$33,158,253)															
40	NPV @ 8.46% =	\$393,757,179																						
42	MPSC Share NPV @ 8.46% =		\$386,486,738	\$304,711,340			NPV = \$304,711,340		NPV = (\$0)		NPV = \$4,028,758													
43	less Remaining Above Book Proceeds =		(\$61,775,398)						Tax Gross Up = (\$0)															
44	Net QF Transition Costs =		\$304,711,340																					
45	Column H Recovery Factor =		83.14%				Net Taxable Diff between Nominal and Levelized = (\$84,184,710)				Sum of NPVs = \$4,028,758													
46							Net Tax Impact = (\$33,158,253)				Levelized Tax Payment = \$373,508													
47							Levelized Payment = \$29,017,336																	
48							Levelized Tax Payment = \$373,508																	
49							Total Levelized Payment = \$29,390,844																	
50																								
51							Levelized kWh Charge = \$0.003785																	
52																								
53																								

INTERCONNECTION QUEUE

UPDATED: 7/5/2016

Project Number	Queue Position	Date Interconnection Request Received	Location	Interconnect Point	Type of Interconnection Service Requested	NorthWestern Energy Affiliate	In-Service Date	Generating Facility Type	Summer Output (MW)	Winter Output (MW)	Status	Studies Available	Comments
4 - Judith Gap		April 9, 2001	Wheatland County, Montana	Broadview - Judith Gap 230 kV Line	Network Resource		February 15, 2006	Wind	188	188	In-Service	System Impact Study Facilities Study	
5 - Hardin		April 19, 2001	Big Horn County, Montana	Hardin Auto Substation	Network Resource		April 14, 2006	Base Load - Coal Fired	109	109	In-Service	System Impact Study Facilities Study	
6 - Thompson Falls Co-Gen		May 14, 2001	Sanders County, Montana	Thompson Falls - Kerr 115 kV "B" Line	Network Resource			Base Load - Bio Mass & Coal Fired	12	12	In-Service	System Impact Study Facilities Study	
7		May 25, 2001	Cascade County, Montana	Great Falls 230 kV Switchyard	Network Resource	X		Gas Fired	280	280	Withdrawn	Feasibility Study System Impact Study Facilities Study	Large Generator Interconnection Agreement was cancelled at customer's request. <a href="#">Feasibility Study</a>
11 - Two Dot Wind		August 10, 2001	Wheatland County, Montana	Two Dot Substation Distribution	Energy Resource		March 8, 2004	Wind	0 455	0 455	In-Service		
14		August 28, 2001	Yellowstone County, Montana	Broadview Substation	Energy Resource		May 31, 2009	Base Load - Coal Fired	700	700	Withdrawn	Feasibility Study System Impact Study Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.
17		January 7, 2002	Glacier County, Montana	Conrad Auto - Cut Bank 115 kV Line	Network Resource			Wind	75	75	Withdrawn	System Impact Study Facilities Study	Large Generator Interconnection Agreement was not Returned
20		March 15, 2002	Rosebud County, Montana	Costrip Switchyard	Energy Resource		April 1, 2013	Base Load - Coal Fired	500	500	Withdrawn	Feasibility Study System Impact Study	Revised In-Service Date at Interconnection Customer's request. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.
21		July 2, 2002	Jefferson County, Montana	Golden Sunlight Substation	Network Resource			Wind	75	75	Withdrawn	Feasibility Study System Impact Study Facilities Study	Large Generator Interconnection Agreement was not Returned <a href="#">Feasibility Study</a>
23 - Horseshoe Bend		August 15, 2002	Cascade County, Montana	Great Falls NW - Holter 100 kV Line	Energy Resource		February 27, 2006	Wind	9	9	In-Service	System Impact Study Facilities Study	<a href="#">Feasibility Study</a>
24		February 4, 2003	Carbon County, Montana	Bridger Auto Substation	Network Resource			Wind	100	100	Withdrawn	Feasibility Study	Interconnection Request Withdrawn
25 - Two Dot Wind #2		February 14, 2003	Meagher County, Montana	Martinsdale Substation Distribution	Energy Resource		November 1, 2004	Wind	0 715	0 715	In-Service		
27 - Basin Creek		February 25, 2003	Silver Bow County, Montana	MHD Substation	Network Resource		May 23, 2006	Peaking - Gas Fired	53	53	In-Service	Feasibility Study System Impact Study Facilities Study	In-Service Date Revised
28		April 4, 2003	Gallatin County, Montana	Jack Rabbit Substation Distribution	Energy Resource			Fuel Cell	0 5	0 5	Withdrawn		
29		September 15, 2003	Missoula County, Montana	Reserve St. Substation Distribution	Energy Resource			Methane Gas	0 99	0 99	Withdrawn		System Impact Study Agreement not returned.
30		January 26, 2004	Stillwater County, Montana	Columbus Rapelje - Big timber 161 kV Line	Energy Resource			Wind	50 4	50 4	Withdrawn	Feasibility Study	Interconnection Request Withdrawn
31 - WKN Montana II		May 11, 2004	Stillwater County, Montana	Wilsall - Shorey Road 230 kV Line	Network Resource		December 31, 2011	Wind	396	396	Withdrawn	Feasibility Study System Impact Study System Impact Re-Study Facility Study	Revised In-Service Date at Interconnection Customer's request. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. In accordance with the LGIP/OATT, the project in-service date has been adjusted to 12/31/12. <a href="#">Feasibility Study</a>
32 - Southern Montana		July 1, 2004	Cascade County, Montana	Great Falls 230 kV Switchyard	Network Resource		October 31, 2011	Base Load - Coal Fired	268	268	Withdrawn	Feasibility Study System Impact Study System Impact Study Revised System Impact Study Revised Facility Study	Interconnection Request Withdrawn <a href="#">Feasibility Study</a>
33 - Martinsdale #1		November 3, 2004	Wheatland County, Montana	Martinsdale Substation	Network Resource		December 31, 2007	Wind	52 5	52 5	Withdrawn	Feasibility Study System Impact Study Facility Study	Output size reduced from 75 MW to 52.5 MW. In-Service Date Revised. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. In accordance with the LGIP/OATT, the project in-service date has been adjusted to 10/31/13 <a href="#">Feasibility Study</a>
34 - Sheep Valley Ranch		January 26, 2005	Wheatland County, Montana	Two Dot Substation Distribution	Energy Resource		August 16, 2006	Wind	0 39	0 39	In-Service	Feasibility Study	Output size reduced from 3 MW to 0.5 MW
35 - Martinsdale 2		February 3, 2005	Wheatland County, Montana	Martinsdale Substation Distribution	Energy Resource		September 13, 2006	Wind	2	2	In-Service	Feasibility Study	Output size reduced from 5 MW to 2 MW <a href="#">Feasibility Study</a>
36		July 15, 2005	Rosebud County, Montana	Colstrip 500 kV Switchyard	Network Resource		June 1, 2006	Base Load - Coal Fired	56	56	Withdrawn	Feasibility Study System Impact Study	<a href="#">Feasibility Study</a>
37		July 15, 2005	Rosebud County, Montana	Colstrip 230 kV Switchyard	Network Resource		October 1, 2006	Base Load - Coal Fired	32	32	Withdrawn	Feasibility Study System Impact Study	<a href="#">Feasibility Study</a>
38 - Martinsdale #2		August 1, 2005	Wheatland County, Montana	Martinsdale Substation	Energy Resource		December 31, 2007	Wind	81 9	81 9	Withdrawn	Feasibility Study	Output reduced from 82.5 MW to 81.9 MW with approved wind turbine change. In-Service Date Revised. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. In accordance with the LGIP/OATT, the project in-service date has been adjusted to 10/31/13 <a href="#">Feasibility Study</a>
39		August 12, 2005	Yellowstone County, Montana	Billings Steam Plant Switchyard	Network Resource		Upon completion of interconnection process.	Base Load - Coal Fired	22	22	Withdrawn	Feasibility Study System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. <a href="#">Feasibility Study</a>

40 - Rolling Thunder	August 29, 2005	Hand County, South Dakota	St. Lawrence - Highmore 69 kV Line	Network Resource	Requested revised date	Wind	50	50	In-Service	System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	
41	November 1, 2005	Jefferson County, Montana	Golden Sunlight Substation	Network Resource Energy Resource		Wind	100	100	Withdrawn	Feasibility Study	Feasibility Study	
42	February 1, 2006	Meagher County, Montana	Distribution feeder to Marlinsdale Substation	Network Resource		Wind	7.5	7.5	Withdrawn			
43	March 13, 2006	Lake County, Montana	Kerr Switchyard	Network Resource Energy Resource	Upon completion of interconnection process.	Hydro	14	14	Withdrawn	Feasibility System Impact Study	Interconnection Request withdrawn.	Feasibility Study
44	April 10, 2006	Pondera County, Montana	South Cut Bank to Conrad Auto 115 kV	Network Resource	October 15, 2008	Wind	104	104	Withdrawn	Feasibility System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
45	May 5, 2006	Jefferson County, Montana	Golden Sunlight Substation Distribution	Network Resource Energy Resource		Wind	60	60	Withdrawn	Feasibility System Impact Study		Feasibility Study
46 - Gordon Butte	June 5, 2006	Meagher County, Montana	100 kV line between Loweth and Two Dot at Groveland.	Energy Resource	September 1, 2007	Wind	10	10	In-Service	Feasibility System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
47 - Kenfield Wind	June 8, 2006	Liberty County, Montana	69 kV line at Chester	Energy Resource	December 31, 2010	Wind	20	20	Withdrawn	Feasibility System Impact Study System Impact Re-Study Facility Study	Output size increased to 20 MW from 19.5 MW. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now December 2013. Project has been amended to a 10 MW project with an Energy Resource designation.	Feasibility Study
48	June 12, 2006	Teton County, Montana	Choteau 69 kV Substation			Wind	18.9	18.9	Withdrawn	Feasibility System Impact Study	System Impact Study Agreement not returned.	Feasibility Study
49 - Rainbow	June 16, 2006	Cascade County, Montana	Rainbow Switchyard	Network Resource	December 31, 2011	Hydro	23	23	In-Service	Feasibility System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
50	June 29, 2006	Teton County, Montana	Dutton 69 kV Substation	Network Resource	December 1, 2010	Wind	18.9	18.9	Withdrawn	Feasibility System Impact Study	Facility Study Agreement not returned. Interconnection Request withdrawn.	Feasibility Study
51	August 21, 2006	Teton County, Montana	Fairfield Substation	Network Resource	December 31, 2009	Hydro	15	15	Withdrawn	System Impact Study System Impact Re-Study	Customer granted extension to provide site control.	
52	September 18, 2006	Sweet Grass, Montana	161 kV line between Big Timber and Clyde Park Substations	Energy Resource		Wind	80	80	Withdrawn	Feasibility		Feasibility Study
53 - Montgomery	December 6, 2006	Cascade County, Montana	Great Falls 230 kV Switchyard	Energy Resource	July 1, 2007	Gas Fired	277	277	Withdrawn	Feasibility System Impact Study System Impact Re-Study Facility Study	Reduced MW to 277 MW from 290 MW at Customer's Request. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Pursuant to Section 4.4.5 of LGIP, Project provided written notification, Commercial Operation Date is now 8/1/2010 for Simple Cycle & 8/1/2012 for Combined Cycle. No material modification. Project has been withdrawn from interconnection queue.	Feasibility Study
54 - Chafin Beaver Creek	February 23, 2007	Sweet Grass and Stillwater County, Montana	230 kV line from Witsall to Shorey Road	Network	December 31, 2008	Wind	100	100	Withdrawn	Feasibility System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. In accordance with the LGIP/OATT, final designation was selected prior to the execution of the Facility Study Agreement - Network Resource. Project provided written notification, Commercial Operation Date should be 12/31/12.	Feasibility Study
55	March 5, 2007	Pondera County, Montana	Conrad 230 kV Substation	Energy Resource Network Resource		Wind	250	250	Withdrawn			
56	March 5, 2007	Glacier County, Montana	Cut Bank 115 kV Substation	Energy Resource Network Resource	October 1, 2008	Wind	110	110	Withdrawn	Feasibility	Interconnection Request withdrawn.	Feasibility Study
57	March 8, 2007	Madison County, Montana	Bradley Creek Substation	Energy Resource	December 31, 2008	Wind	85	85	Withdrawn	Feasibility System Impact Study System Impact Re-Study	Output reduced from 149 MW to 85 MW per Section 4.4.1 of the LGIP. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. Pursuant to Section 4.4.5 of LGIP, Project provided written notification, Commercial Operation Date is now 1/1/16 and Point of Interconnection is 1 Miles South of Bradley Creek on the 161kV Line between Bradley Creek and Ennis. No material modification.	Feasibility Study
58	March 9, 2007	Madison County, Montana	100 kV line approximately 2.2 miles north of Bradley Creek Substation.	Network Resource	September 30, 2008	Wind	10	10	Withdrawn	Feasibility System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
59	April 17, 2007	Need more information	Need more information	Network Resource	October 1, 2007	Hydro	2.2	2.2	Withdrawn		Requested information not returned by due date.	
60 - Sagebrush Energy	April 27, 2007	Madison County, Montana	100 kV line approximately 1.5 miles north of Bradley Creek Substation.	Energy Resource	December 31, 2008	Wind	20	20	Withdrawn	Feasibility System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 31, 2013.	Feasibility Study
61 - Flint Creek Hydro	May 24, 2007	Granite County, Montana	25 kV line between Phillipsburg and Anaconda.	Network Resource	April 30, 2011	Hydro	2	2	In-Service	System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. Pursuant to Section 4.4.5 of LGIP, Project provided written notification, Commercial Operation Date is now 4/1/11. No material modification.	
62 - Turnbull #1	May 25, 2007	Teton County, Montana	69 kV line between Fairfield and Bole	Energy Resource	June 1, 2009	Hydro	11.5	11.5	In-Service	System Impact Study System Impact Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. In accordance with FERC Order 2006, project to be studied as Energy Resource. In accordance with the LGIP/OATT, the project in-service date has been adjusted to 5/1/11.	

63 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
65 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
66 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
67 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
68 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
69 - Sumatra	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Signed SGIA	Feasibility Re-Study System Impact Study Facilities Study Revised	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	Feasibility Study
70	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Withdrawn	Feasibility Re-Study		Feasibility Study
71	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Withdrawn	Feasibility Re-Study		Feasibility Study
72	June 11, 2007	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2008	Wind	5	5	Withdrawn	Feasibility Re-Study		Feasibility Study
73 - NaturEnerg	July 13, 2007	Glacier County, Montana	Cut Bank 115 kV Substation between Cut Bank & Shelby	Network Resource		November 30, 2008	Wind	100	100	In-Service	Feasibility System Impact Study System Impact Re-Study System Impact Re-Study Rev2 Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
74	September 11, 2007	Silver Bow County, Montana	ASMI 161 kV Substation	Network Resource		July 1, 2010	Gas Fired	280	280	Withdrawn	Feasibility System Impact Study Facility Study	Project clarified project output was 280 MW not 250 MW per scoping meeting. Output reduced from 280 MW to 230 MW per Section 4.4.1 of the LGIP.	Feasibility Study
75	September 17, 2007	Madison County, Montana	161 kV line approx 5 miles north of the Bradley Creek Substation	Energy Resource		December 31, 2008	Wind	75.6	75.6	Withdrawn	Feasibility System Impact Study System Impact Study	Pursuant to Section 4.4.5 of LGIP, Project provided written notification, Commercial Operation Date is now 1/1/16. No material modification.	Feasibility Study
76	September 17, 2007	Madison County, Montana	100 kV line approx 5 miles north of the Bradley Creek Substation	Energy Resource		December 31, 2008	Wind	75.6	75.6	Withdrawn	Feasibility System Impact Study System Impact Study	Pursuant to Section 4.4.5 of LGIP, Project provided written notification, Commercial Operation Date is now 1/1/16. No material modification.	Feasibility Study
77 - Mill Creek Generating Station	December 6, 2007	Deer Lodge County, Montana	Millcreek Substation 230kV Switchyard	Network Resource	Yes	July 12, 2010	Gas Fired	213	213	In-Service	Feasibility System Impact Study Facility Study	Project clarified project output was 213 MW not 203 MW per scoping meeting. In accordance with the LGIP/OATT, final designation was selected prior to the execution of the Facility Study Agreement - Network Resource. Project provided written notification, Commercial Operation Date is now December 24, 2010.	Feasibility Study
78 - NaturEnerg	December 11, 2007	Glacier County, Montana	115kV between Cut Bank & Conrad	Energy Resource		November 30, 2008	Wind	100	100	In-Service	System Impact Study Facility Study		
79	January 17, 2008	Sweet Grass and Stillwater County, Montana	230kV Bus at Broadview 500kV 230kV Station	Network Resource		December 31, 2013	Wind	200	200	Withdrawn	Feasibility Study	Project clarified Point of Interconnection was the 230kV Bus at Broadview 500kV 230kV station not 230 kV line from Wilsall to Shorey Road per scoping meeting.	Feasibility Study
80	February 28, 2008	Sweet Grass County	Lower Duck Creek Sub	Network Resource		September 18, 2009	Wind	80	80	Withdrawn	Feasibility Study System Impact Study	In accordance with the LGIP/OATT, final designation was selected prior to the execution of the Facility Study Agreement - Network Resource. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
81	March 11, 2008	Cascade County, Montana	Near Rainbow Switchyard	Network Resource		May, 2011	Hydro	12	12	Withdrawn	System Impact Study System Impact Study Re-Study	In accordance with the LGIP/OATT, final designation was selected prior to the execution of the Facility Study Agreement - Network Resource. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	
82	March 11, 2008	Cascade County, Montana	Near Rainbow Switchyard	Network Resource Energy Resource		February, 2010	Hydro	Efficiency Improvement	Efficiency Improvement	Withdrawn	System Impact Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	
83	March 11, 2008	Cascade County, Montana	Near Rainbow Switchyard	Network Resource Energy Resource		2018	Hydro	52	52	Withdrawn	System Impact Study		
84	March 17, 2008	Choteau County, Montana	69kV between Big Sandy & Loma Substation	Network Resource		June 30, 2009	Wind	20	20	Withdrawn	System Impact Study		
85	March 17, 2008	Wheatland County, Montana	Near Shawmut	Network Resource		May 1, 2011	Wind	10	10	Withdrawn	Feasibility Study	In-Service Date clarified at the Scoping Meeting.	Feasibility Study
86	April 14, 2008	Glacier County, Montana	Near Glacier	Network Resource		December 31, 2008	Wind	10	10	Withdrawn	System Impact Study System Impact Re-Study		
87 - NaturEnerg	April 18, 2008	Glacier County, Montana	Cut Bank 115 kV Substation between Cut Bank & Shelby	Energy Resource		November 30, 2008	Wind	100	100	In-Service	System Impact Study Facility Study		

86 - Sagebrush Energy 1	April 22, 2008	Park County, Montana	Near Livingston City Substation	Energy Resource		December 31, 2009	Wind	20	20	Withdrawn	Feasibility Study System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 31, 2015	Feasibility Study
89 - Gordon Butte 2	April 24, 2008	Meagher County, Montana	100 kV line between Loweth and Two Dot at Groveland	Network Resource		July 31, 2009	Wind	20	20	Withdrawn	Feasibility Study System Impact Study System Impact Study Re-Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now November 1, 2013	Feasibility Study
90	May 5, 2008	Golden Valley County, Montana	Harlowton to Broadview 100kV Line	Network Resource		December 31, 2011	Wind	80	80	Withdrawn	System Impact Study		
91	May 5, 2008	Golden Valley County, Montana	Judith Gap - Broadview 230kV Line	Network Resource		December 31, 2013	Wind	280	280	Withdrawn	Feasibility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
92	May 21, 2008	Cascade County, Montana	South of Manchester, Montana	Network Resource		January 31, 2010	Wind	10	10	Withdrawn	Feasibility Study	In-Service Date clarified at the Scoping Meeting. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
93	June 11, 2008	Yellowstone County, Montana	230kV Bus at Broadview 500kV/230kV Station	Network Resource Energy Resource		December 31, 2010	Wind	450	450	Withdrawn	Feasibility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
94	July 16, 2008	Cascade County, Montana	Great Falls 230 kV Switchyard	Network Resource Energy Resource		June 1, 2010	Gas-Fired	128	128	Withdrawn	Feasibility Study Revised System Impact Study Revised System Impact Study	Project clarified Generating Facility Type as Gas-Fired not Wind per scoping meeting. Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
95	July 18, 2008	Glacier County, Montana	115kV between Cut Bank & Conrad	Energy Resource		November 30, 2008	Wind	5	5	In-Service	System Impact Study Facility Study - NA Signed LGIA Amendment to Project #78	The Facility Study not required for this project. The 5MW Request is in addition to Project #78. This project is an ERIS Designation, therefore, see Project #78 Facility Study.	
96	August 15, 2008	Judith Basin County, Montana	230kV Line from Judith Gap Auto to Great Falls	Network Resource Energy Resource		December 31, 2013	Wind	304.5	304.5	Withdrawn	Feasibility Study System Impact Study		Feasibility Study
97	August 26, 2008	Judith Basin County, Montana	230kV Line from Judith Gap Auto to Great Falls	Energy Resource		December 1, 2010	Wind	150	150	Withdrawn	Feasibility Study		Feasibility Study
98	September 11, 2008	Cascade County, Montana	Great Falls 230 kV Switchyard	Energy Resource		December 1, 2010	Wind	150	150	Withdrawn			
99	September 16, 2008	Meagher County, Montana	Near Ringling	Energy Resource		December 31, 2013	Wind	200	200	Withdrawn	Feasibility Study System Impact Study Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
100	September 30, 2008	Cascade County, Montana	Near Rainbow Switchyard	Network Resource Energy Resource		November, 2011	Hydro	Efficiency Improvement	Efficiency Improvement	Withdrawn	System Impact Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	
101	October 7, 2008	Meagher County, Montana	Near Ringling	Energy Resource		December 31, 2013	Wind	800	800	Withdrawn	Feasibility Study System Impact Study Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site.	Feasibility Study
102	January 6, 2009	Teton County, Montana	Dutton 69 kV Substation	Energy Resource		December 1, 2010	Wind	18.9	18.9	Withdrawn	System Impact Study Facility Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now November 2012.	
103 - Southern Montana	February 10, 2009	Cascade County, Montana	Great Falls 230 kV Switchyard	Energy Resource		May 1, 2011	Gas Fired	120	120	Withdrawn	Feasibility Study System Impact Study Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now July 2013.	Feasibility Study
104 - Sumatra	March 16, 2009	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2010	Wind	5	5	Signed SGIA	System Impact Study Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	
105 - Sumatra	March 16, 2009	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2010	Wind	5	5	Signed SGIA	System Impact Study Revised Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	
106 - Sumatra	March 16, 2009	Rosebud County, Montana	69 kV line near Sumatra Substation	Network Resource		December 31, 2010	Wind	5	5	Signed SGIA	System Impact Study Facilities Study Revised Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate. These studies are available and posted on this site. Project provided written notification, Commercial Operation Date is now October 2014.	
107	May 29, 2009	Clark County, South Dakota	Clark Junction Substation	Network Resource Energy Resource		January 1, 2015	Wind	99	99	Withdrawn			
108 - Turnbull #2	July 13, 2009	Teton County, Montana	69 kV line between Fairfield and Bole	Energy Resource		April 1, 2011	Hydro	1.5	1.5	In Service			
109	July 14, 2009	Bon Homme County, South Dakota	Tripp Junction Substation	Network Resource Energy Resource		July 30, 2011	Wind	150	150	Withdrawn		Project has been transferred to Western's Interconnection Queue, Pursuant to Western's OATT and LGIP.	
110 - Oak Tree Energy	October 20, 2009	Clark County, South Dakota	Clark Junction Substation	Energy Resource		December, 2012	Wind	19.5	19.5	In Service	Feasibility Study System Impact Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate.	Feasibility Study
111	October 21, 2009	Wheatland County, Montana	230kV line near Judith Gap South & Broadview Sub	Energy Resource		August 1, 2012	Wind	200	200	Withdrawn	Feasibility Study		Feasibility Study
112	October 29, 2009	Sweet Grass County, Montana	161 kv line NE of Greycliff, MT	Network Resource Energy Resource		December 21, 2011	Wind	80	80	Withdrawn	Feasibility Study System Impact Study		Feasibility Study
113	December 28, 2009	Cascade County, Montana	SW of Great Falls, MT	Network Resource Energy Resource		October 1, 2011	Wind	40	40	Withdrawn			

114 - Two Dot Wind	March 3, 2010	Wheatland County, Montana	100kV line between Martinsdale and Two Dot Sub	Energy Resource		June 30, 2011	Wind	10	10	Withdrawn	Feasibility Study Impact Study	System Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. Project provided written notification, Commercial Operation Date is now November 15, 2012.	Feasibility Study
115 - Jawbone Wind	March 16, 2010	Wheatland County, Montana	230kV line near Judith Gap South & Big Timber	Energy Resource		October 1, 2014	Wind	460	460	Withdrawn			Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate.	Feasibility Study
116 - Mammoth Hydro	March 22, 2010	Yellowstone National Park	Mammoth Hot Springs	Network Resource		January 1, 2011	Hydro	225 kw	225 kw	In-Service			Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.	
117	April 5, 2010	Golden Valley County, Montana	Barber Express Sub	Network Resource		November 30, 2010	Wind	20	20	Withdrawn				
118 - Musselshell Wind	May 5, 2010	Golden Valley County, Montana	100kV line between Harlowton Sub and Broadview Switchyard	Energy Resource		June 30, 2011	Wind	18.4	18.4	In Service		SIS Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the SGIP/OATT, but the project's queue position is still active and appropriate. Project size has been reduced from 18.4 MW to 10 MW. Project provided written notification, Commercial Operation Date is now November 15, 2012.	
119	July 13, 2010	Ashland, Montana	Tonawee River Sub at Ashland	Energy Resource		January 15, 2013	Biomass	36	25	Withdrawn				Feasibility Study
120	August 16, 2010	Geysers, Montana	69kV line West of Geysers	Network Resource		November 30, 2011	Wind	10	10	Withdrawn				
121	August 16, 2010	Geysers, Montana	69kV line West of Geysers	Network Resource		November 30, 2011	Wind	10	10	Withdrawn				
122	September 7, 2010	Geysers, Montana	Fergus Electric's 69kV line West of Geysers	Energy Resource		November 30, 2011	Wind	10	10	Withdrawn		Feasibility Study		Feasibility Study
123	September 20, 2010	Beaverhead County, Montana	161kV line near Clark Canyon Dam	Energy Resource		December 31, 2012	Hydro	4.7	4.7	Withdrawn				
124	September 21, 2010	Cascade County, Montana	100kV line between Belt and Monarch	Energy Resource		December 31, 2011	Wind	24	24	Withdrawn				
125	October 4, 2010	Geysers, Montana	100kV line West of Geysers	Network Resource		November 30, 2011	Wind	10	10	Withdrawn		Feasibility Study		Feasibility Study
126 - Spion Kop Wind	October 12, 2010	Geysers, Montana	100kV line West of Geysers	Network Resource	Yes	November 30, 2011	Wind	24	24	In Service		System Impact	Reduced project size from 25 MW to 24 MW. Project provided written notification, Commercial Operation Date is now October 1, 2012.	
127 - Fairfield Wind	October 18, 2010	Teton County, Montana	69kV line East of Bole Substation	Energy Resource		July 15, 2011	Wind	19.5	19.5	Withdrawn			Reduced project size from 19.5 MW to 10 MW. Project provided written notification, Commercial Operation Date is now December 31, 2012.	Feasibility Study
128	November 12, 2010	Sweet Grass County, Montana	230kV line NE of Greycliff, MT	Network Resource Energy Resource		December 31, 2013	Wind	125	125	Withdrawn				Feasibility Study
129-Lower South Fork Hill Creek	December 3, 2010	Dry Creek, MT	Dry Creek, MT	Energy Resource		April 1, 2011	Hydro	455 kw	455 kw	In Service			Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.	
130	December 8, 2010	Billings, MT	100kV line near existing Hillcrest Tap	Energy Resource		June 30, 2012	Steam	10	10	Withdrawn				Feasibility Study
131	February 24, 2011	Deer Lodge County, Montana	Millicreek Substation 230kV Switchyard	Energy Resource	Yes	July 29, 2011	Flywheel	1 MW	1 MW	Withdrawn			Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.	
132	March 18, 2011	Teton County, Montana	69kV line East of Bole Substation	Energy Resource		May 1, 2012	Wind	10 MW	10 MW	Withdrawn				
133 - Fairfield Wind	March 18, 2011	Teton County, Montana	69kV line East of Bole Substation	Energy Resource		May 1, 2012	Wind	10 MW	10 MW	In-Service				
134 - Greenfield Wind	March 18, 2011	Teton County, Montana	69kV line East of Bole Substation	Energy Resource		May 1, 2012	Wind	10 MW	10 MW	Signed LGIA		System Impact Study, Facilities Study	Project #134 (10MW) is combined with Project #153 (15MW), revised combined LGIA is 25MW.	
135 - Spion Kop Wind	March 24, 2011	Geysers, Montana	100kV line West of Geysers	Network Resource	Yes	December 31, 2012	Wind	16 MW	16 MW	In Service			Project provided written notification, Commercial Operation Date is now October 1, 2012.	
136 - Exergy Wind	April 6, 2011	Anaconda, Montana	Mill Creek Substation 100kV	Energy Resource		December 31, 2012	Wind	20 MW	20 MW	Withdrawn				Feasibility Study
137 - Mountain View Wind	April 13, 2011	Stillwater County, Montana	Columbus Rapelje Auto Substation	Energy Resource		December 31, 2012	Wind	10 MW	10 MW	Withdrawn				
138 - Beacon Power	April 19, 2011	Deer Lodge County, Montana	Millicreek Substation 230kV Switchyard	Energy Resource	Yes	July 29, 2011	Flywheel	1 MW	1 MW	Withdrawn			Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.	
139 - Musselshell Wind	May 9, 2011	Golden Valley County, Montana	100kV line between Harlowton Sub and Broadview Switchyard	Energy Resource		June 30, 2011	Wind	10 MW	10 MW	In Service			Project provided written notification, Commercial Operation Date is now November 15, 2012.	
140 - NaturEner	May 27, 2011	Glacier County, Montana	6 to 9 miles SSE of Cut Bank, MT	Energy Resource		December 31, 2011	Wind	45	45	Withdrawn		System Impact Study, Facilities Study		
141 - Judith Gap Wind 2	June 16, 2011	Wheatland County, Montana	230 kV Interconnection to NWE existing Judith Gap Switchyard	Energy Resource		November 1, 2012	Wind	9.87	9.87	Withdrawn				Feasibility Study
142 - Judith Gap Wind 3	June 16, 2011	Wheatland County, Montana	230 kV Interconnection to NWE existing Judith Gap Switchyard	Energy Resource		November 1, 2012	Wind	9.87	9.87	Signed SGIA				Feasibility Study
143	June 16, 2011	Wheatland County, Montana	100 kV line between Belt and Monarch	Energy Resource		November 1, 2012	Wind	9.87	9.87	Withdrawn				Feasibility Study
144	June 16, 2011	Wheatland County, Montana	69kV between Armaton and Stockett	Energy Resource		November 1, 2012	Wind	9.87	9.87	Withdrawn				Feasibility Study
145	July 18, 2011	Stillwater County, Montana	10 miles north of Columbus, MT	Network Resource		December 31, 2013	Wind	200	200	Withdrawn				
146 - Kelly Hills	July 22, 2011	Sweet Grass County, Montana	8 miles west of Big Timber	Energy Resource		December 31, 2013	Wind	200	200	Withdrawn		System Impact Study, Facilities Study		
147	August 5, 2011	Stillwater County, Montana	10 miles north of Columbus, MT	Energy Resource Network Resource		December 31, 2013	Wind	200	200	Withdrawn				
148 - Lonetree Wind	January 16, 2012	Stillwater County, Montana	10 miles north of Columbus, MT	Energy Resource		December 31, 2014	Wind	80	80	Signed LGIA		System Impact Study, Facilities Study		
149	March 9, 2012	Wheatland County, Montana	5.6 Miles ESE of Martinsdale on NWE's 100kV line	Energy Resource		October 31, 2012	Wind	10	10	Withdrawn		Feasibility Study System Impact Study Facilities Study		Feasibility Study
150	March 22, 2012	Bia Horn County, Montana	NWE's 69kV line near Toluca Sidino	Energy Resource		December 31, 2014	Wind	20	20	Withdrawn		Feasibility Study		Feasibility Study
151 - New Colony Wind	April 3, 2012	Wheatland County, Montana	Adjacent to Martinsdale Sub	Energy Resource		October 31, 2013	Wind	20	20	Signed LGIA		Feasibility Study System Impact Study Facilities Study Revised Facilities Study	Project #151 (20MW) is combined with Project #156 (5MW), revised combined LGIA is 25MW.	Feasibility Study
152 - Two Dot Wind	August 1, 2012	Wheatland County, Montana	100kV line between Martinsdale and Two Dot Sub	Energy Resource		December 30, 2013	Wind	10	10	In Service		System Impact Study Facilities Study		
153 - Greenfield Wind Two	August 7, 2012	Teton County, Montana	69kV line East of Bole Substation	Energy Resource		December 30, 2012	Wind	15	15	Signed LGIA		System Impact Study Facilities Study	Project #153 (15MW) is combined with Project #134 (10MW), revised combined LGIA is 25MW.	
154	August 22, 2012	Madison County, Montana	100 kV line approximately 1.5 miles north of Bradley Creek Substation	Energy Resource		December 31, 2013	Wind	18	18	Withdrawn		System Impact Study		
155	August 24, 2012	Valley County, Montana	NWE's Glasgow AFB Substation	Energy Resource		October 1, 2013	Wind	20	20	Withdrawn				
156 - New Colony Wind 2	August 31, 2012	Wheatland County, Montana	Adjacent to Martinsdale Sub	Energy Resource		October 31, 2013	Wind	5	5	Signed LGIA		System Impact Study	Project #156 (5MW) is combined with Project #151 (20MW), revised combined LGIA is 25MW.	

157-Crazy Mountain Wind		September 12, 2012	Sweet Grass County, Montana	NWE's 50kV line between Livingston and Big Timber	Energy Resource		December 31, 2012	Wind	20	20	Withdrawn	System Impact Study Facilities Study	This project is combined with Project #168 (5MW), combined total of 25MW LGIA.
158 - Big Otter Wind Energy		September 14, 2012	Cascade County, Montana	100kV line between Belt and Monarch	Network Resource Energy Resource		December 31, 2013	Wind	24.3	24.3	Signed LGIA	System Impact Study Facilities Study	
159		September 25, 2012	Big Horn County, Montana	Hardin Auto 115kV Substation	Energy Resource		August 1, 2014	Solar	20	20	Withdrawn	Feasibility	Feasibility Study
160-GreyCliff Wind		October 2, 2012	Sweet Grass County, Montana	NWE's 161kV line in Sweet Grass County	Energy Resource		December 31, 2013	Wind	20	20	Withdrawn	System Impact	Interconnection Request withdrawn.
161-Kenfield Wind II		October 22, 2012	Liberty County, Montana	NWE's 69kV line 1 mile east of Chester, MT	Energy Resource		December 31, 2013	Wind	10	10	Withdrawn	System Impact	
162 - Gordon Butte 3		April 8, 2013	Meagher County, Montana	100 kV line between Loweth and Two Dot at Groveland	Energy Resource		April 8, 2013	Wind	1	1	In Service		Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.
163		July 23, 2013	Rosebud and Custer County, Montana	9 miles North of the Colstrip Substation	Energy Resource Network Resource		December 1, 2016	Wind	301	301	Withdrawn		
164	1	September 30, 2013	Rosebud and Custer County, Montana	9 miles North of the Colstrip Substation	Energy Resource		December 1, 2016	Wind	301	301	Active	Feasibility Study System Impact Study System Impact Study-Revised Facilities Study	Certain studies in the interconnection process for this project have been delayed due to customer requests or at NorthWestern's request, in accordance with the LGIP/OATT, but the project's queue position is still active and appropriate.
165 - B&H Wind		October 3, 2013	Bon Homme County, South Dakota	Tripp Junction Substation			June 15, 2014	Wind	130	130	In Service		
166-LSI		October 17, 2013	LSI Water Treatment Plant in Alpena, SD	LSI Water Treatment Plant in Alpena, SD				Biogas	450 kw	450 kw	In Service		Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.
167		November 27, 2013	Spokane Bench 12.47 kV Distribution System	Spokane Bench 12.47 kV Distribution system near Canon Ferry Dam	Energy Resource		April 1, 2016	Hydro	9.8 MW	9.8 MW	Withdrawn	Feasibility Study System Impact Study	Interconnection Request withdrawn.
168		December 17, 2013	Sweet Grass County, Montana	NWE's 50kV line between Livingston and Big Timber	Energy Resource		December 31, 2014	Wind	5 MW	5 MW	Withdrawn	System Impact Study Facilities Study	The 5MW Request is in addition to Project #157. This project is combined with Project #157 (20MW), combined total of 25MW LGIA.
169		April 18, 2014	Big Horn County, Montana	Yellowtail Substation	Energy Resource		December 31, 2017	Hydro	10 MW	10 MW	Withdrawn	Feasibility Study	Interconnection Request withdrawn.
170		July 9, 2014	Big Horn County, Montana	NWE's 230 kV Line-15 miles East of the South Huntley Substation, and 10 miles West of the Crossover Substation	Energy Resource Network Resource		April 16, 2016	Wind & Gas Fired	62.5 MW	62.5 MW	Withdrawn		Interconnection Request withdrawn.
171		July 14, 2014	Geyser, Montana	NWE's Spion Kop 100 kV Switchyard	Energy Resource Network Resource		December 31, 2015	Wind	25 MW	25 MW	Withdrawn		Interconnection Request withdrawn.
172 - GreyCliff Wind Prime		August 26, 2014	Sweet Grass County, Montana	NWE's 161kV line in Sweet Grass County	Energy Resource		December 15, 2015	Wind	20 MW	20 MW	Signed LGIA	System Impact Study Facilities Study	Project #172 (20MW) is combined with Project #202 (5MW), revised combined LGIA is 25MW.
173		September 26, 2014	Fort Harrison, Montana	Secondary side of existing NWE transformer feeding the Training Support Facility	Energy Resource		November 1, 2014	Gas Fired	60 kW	60 kW	Withdrawn		Interconnection Request withdrawn.
174		December 3, 2014	Lewis and Clark County	HWY 12, East, East Helena, MT	Energy Resource		December 31, 2015	Solar	6 MW	6 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
175		December 3, 2014	Lewis and Clark County	HWY 12, East, East Helena, MT	Energy Resource		December 31, 2015	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Project #175 was combined with Project #174 to become one 6 MW Project, per Customer's request.
176		December 29, 2014	Meagher County, Montana	3 Miles West of Martinsdale, MT	Energy Resource		June 1, 2019	Pumped Hydro	600 MW	600 MW	Withdrawn	Feasibility Study	Interconnection Request withdrawn.
177-Kerr Hydroelectric Increase		January 13, 2015	Lake County, Montana	Kerr Switchyard	Energy Resource Network Resource	Yes	June 30, 2015	Hydro	14 MW	14 MW	In Service	System Impact Study	
178-Magpie Solar		January 15, 2015	Golden Valley County, Montana	Lavina Substation, Lavina, MT	Energy Resource		December 31, 2016	Solar	3 MW	3 MW	Signed SGIA	System Impact Study Facilities Study	In-service date 8/31/2016
179- Green Meadow Solar		January 28, 2015	Lewis and Clark County	Green Meadow Drive, Helena, MT	Energy Resource		June 30, 2015	Solar	3 MW	3 MW	Signed SGIA	System Impact Study Facilities Study Facilities Study-Revised	In-service date 8/31/2016
180		January 28, 2015	Yellowstone County, Montana	Mosdal Road, Broadview, MT	Energy Resource		June 30, 2015	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
181		February 9, 2015	Lewis and Clark County	Green Meadow Drive, Helena, MT	Energy Resource		June 30, 2015	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
182		February 9, 2015	Yellowstone County, Montana	Mosdal Road, Broadview, MT	Energy Resource		June 30, 2015	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
183		February 9, 2015	Yellowstone County, Montana	Mosdal Road, Broadview, MT	Energy Resource		June 30, 2015	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
184-Deer Creek Road Solar 1		February 20, 2015	Missoula County, Montana	Bonner Substation, Missoula	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Signed SGIA	System Impact Study System Impact-Re-Study Facilities Study	Project #185 & #186 combined with Project #184. After Material Modification review, Customer requested project to return to original 3 MW project. In-service date 8/31/2016
185		February 20, 2015	Missoula County, Montana	Bonner Substation, Missoula	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Project #185 & #186 combined with Project #184
186		February 20, 2015	Missoula County, Montana	Bonner Substation, Missoula	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Project #185 & #186 combined with Project #184
187		February 20, 2015	Lewis and Clark County	Helena Valley Substation, Helena	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
188		February 20, 2015	Lewis and Clark County	Helena Valley Substation, Helena	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
189		February 20, 2015	Lewis and Clark County	Helena Valley Substation, Helena	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
190		February 23, 2015	Deer Lodge County, Montana	Anaconda City Substation, Anaconda	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
191		February 23, 2015	Deer Lodge County, Montana	Anaconda City Substation, Anaconda	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
192		February 23, 2015	Deer Lodge County, Montana	Anaconda City Substation, Anaconda	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
193-South Mills Solar 1		February 23, 2015	Big Horn County, Montana	Hardin Substation, Hardin	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Signed SGIA	System Impact Study System Impact-Re-Study Facilities Study	Project #194 & #195 combined with Project #193. After Material Modification review, Customer requested project to return to original 3 MW project. In-service date 8/31/2016
194		February 23, 2015	Big Horn County, Montana	Hardin Substation, Hardin	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Project #194 & #195 combined with Project #193
195		February 23, 2015	Big Horn County, Montana	Hardin Substation, Hardin	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Project #194 & #195 combined with Project #193
196		February 23, 2015	Silver Bow County, Montana	Feeley Hill Substation, Butte	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
197		February 23, 2015	Silver Bow County, Montana	Feeley Hill Substation, Butte	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
198		February 23, 2015	Silver Bow County, Montana	Feeley Hill Substation, Butte	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn		Interconnection Request withdrawn.
199-Ragen Ranch Solar 1		February 27, 2015	Broadwater County, Montana	Townsend Substation, Townsend	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Signed SGIA	System Impact Study Facilities Study	In-service date 8/31/2016
200		February 27, 2015	Broadwater County, Montana	Townsend Substation, Townsend	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
201		February 27, 2015	Broadwater County, Montana	Townsend Substation, Townsend	Energy Resource		April 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
202 - GreyCliff Wind Prime		April 7, 2015	Sweet Grass County, Montana	NWE's 161kV line in Sweet Grass County	Energy Resource		April 1, 2016	Wind	5 MW	5 MW	Signed LGIA	System Impact Study	Project #202 (5MW) is combined with Project #172 (20MW), revised combined LGIA is 25MW.
203-River Bend Solar		April 24, 2015	Stillwater County, Montana	Reed Point Substation, Reed Point	Energy Resource		April 1, 2016	Solar	2 MW	2 MW	Signed SGIA	System Impact Study Facilities Study	In-service date 8/31/2016
204 - Great Divide Solar		May 1, 2015	Lewis and Clark County	Canyon Creek Substation, Canyon Creek	Energy Resource		September 30, 2016	Solar	3 MW	3 MW	Signed SGIA	Feasibility Study System Impact Facilities Study	Feasibility Study
205	2	July 8, 2015	Kimball, South Dakota	Brule County Substation, SD	Energy Resource		December 1, 2016	Wind	20 MW	20 MW	Active	System Impact Study Facilities Study	

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206	3	July 8, 2015	Mitchell, South Dakota	Davidson County Substation, SD	Energy Resource		December 1, 2016	Wind	20 MW	20 MW	Active	System Impact Study Facilities Study	
207	4	July 20, 2015	Yellowstone County, Montana	NWE Broadview 230kV Substation	Energy Resource		December 1, 2018	Wind	250 MW	250 MW	Active	Feasibility Study System Impact Study System Impact Study	Feasibility Study
208	5	July 23, 2015	White Lake, South Dakota	White Lake Substation, SD	Energy Resource		December 1, 2016	Wind	20 MW	20 MW	Active	System Impact Study-Revised Facilities Study	
209	6	August 5, 2015	Sweet Grass County, Montana	NWE's 50 kV line between Livingston and Big Timber	Energy Resource		December 31, 2016	Wind	25 MW	25 MW	Active	System Impact Study Facilities Study	
210		August 13, 2015	Gevier, Montana	NWE's Soion Koo 100 kV Switchard	Energy Resource	Yes	December 31, 2016	Wind	25 MW	25 MW	Withdrawn	System Impact Study System Impact Study	Interconnection Request withdrawn.
211	7	September 17, 2015	Cascade County, Montana	Riverside Substation, Great Falls, MT	Energy Resource		July 31, 2016	Solar	3 MW	3 MW	Signed SGIA	Facilities Study	
212		November 16, 2015	Cascade County, Montana	Vaughn Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
213		November 16, 2015	Cascade County, Montana	Portage Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
214		November 16, 2015	Judith Basin County, Montana	Windham Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
215	8	November 16, 2015	Lewis and Clark County	Landers Fork Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
216	9	November 16, 2015	Silver Bow County, Montana	Divide Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
217		November 16, 2015	Silver Bow County, Montana	South Butte Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
218		November 16, 2015	Judith Basin County, Montana	Windham Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
219	10	November 16, 2015	Lewis and Clark County	Helena Valley Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
220		November 16, 2015	Cascade County, Montana	Ravensford Pump Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
221		November 16, 2015	Lewis and Clark County	Canon Creek Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
222	11	November 16, 2015	Cascade County, Montana	Great Falls River-view Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
223	13	November 16, 2015	Cascade County, Montana	Southwest Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
224		November 23, 2015	Cascade County, Montana	Great Falls Northwest Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
225	14	November 23, 2015	Cascade County, Montana	Great Falls Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
226		November 23, 2015	Madison County, Montana	Sheridan City Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
227		November 23, 2015	Judith Basin County, Montana	Moccasin Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
228		November 23, 2015	Judith Basin County, Montana	Moccasin Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
229		November 23, 2015	Silver Bow County, Montana	Fairmont Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
230		November 23, 2015	Cascade County, Montana	Cotckett Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
231	15	November 23, 2015	Cascade County, Montana	Ulm Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
232	16	November 23, 2015	Cascade County, Montana	Vaughn Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
233	17	December 7, 2015	Cascade County, Montana	Southwest Substation	Energy Resource		October 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
234	18	December 29, 2015	Rosebud & Custer Counties, Montana	Cotstrip 500 kV Bus	Network Resource		September 1, 2018	Wind	750 MW	750 MW	Active	Feasibility Study	Feasibility Study
235		December 29, 2015	Cascade County, Montana	Ulm Substation	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
236		December 29, 2015	Silver Bow County, Montana	Industrial Park Substation	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
237		December 29, 2015	Judith Basin County, Montana	Stanford City Substation	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
238		December 29, 2015	Judith Basin County, Montana	Gevier Substation	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
239		December 29, 2015	Judith Basin County, Montana	Stanford City Substation	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
240		December 29, 2015	Gallatin County, Montana	Riverside Substation, Bozeman, MT	Energy Resource		December 1, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
241	19	February 3, 2016	Liberty County, Montana	Chester Substation, Chester, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
242	20	February 3, 2016	Cascade County, Montana	Great Falls Southside Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
243	21	February 16, 2016	Chouteau County, Montana	Fort Benton Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
244	22	February 16, 2016	Stillwater County, Montana	Wilsall - Shorey Road 230 kV Line	Network Resource		December 31, 2018	Wind	396 MW	396 MW	Active	System Impact Study	
245		February 24, 2016	Carbon County, Montana	Bridger City Substation	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
246	23	February 29, 2016	Cascade County, Montana	Treasure State	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
247	24	February 29, 2016	Pondera County, Montana	Conrad Pumo	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
248	25	February 29, 2016	Carbon County, Montana	Fromberg Substation, Fromberg, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
249		February 29, 2016	Liberty County, Montana	Chester Substation, Chester, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn
250	26	February 29, 2016	Chouteau County, Montana	Loma Substation, Loma, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
251	27	February 29, 2016	Phillips County, Montana	Malta City Substation, Malta, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
252		February 29, 2016	Hill County, Montana	Gilford Substation, Havre, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
253	28	February 29, 2016	Wheatland County, Montana	Harlowton Substation, Harlowton, MT	Energy Resource		November 1, 2016	Solar	2.5 MW	2.5 MW	Active	System Impact Study	
254	29	February 29, 2016	Cascade County, Montana	Treasure State	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
255		February 29, 2016	Chouteau County, Montana	Geraldine Substation, Geraldine, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
256		February 29, 2016	Park County, Montana	Downer Substation, Livingston, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
257	30	February 29, 2016	Chouteau County, Montana	Big Sandy Substation, Big Sandy, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
258		February 29, 2016	Phillips County, Montana	Malta East Rural, Saco, MT	Energy Resource		November 30, 2016	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
259	31	March 8, 2016	Cascade County, Montana	Great Falls Northwest Substation	Energy Resource		March 1, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
260		March 8, 2016	Wheatland County, Montana	Judith Gap Substation	Energy Resource		March 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
261	32	March 14, 2016	Wheatland County, Montana	Two Dot Substation Distribution	Energy Resource		December 1, 2017	Wind	3 MW	3 MW	Active	System Impact Study	
262	33	March 21, 2016	Cascade County, Montana	Ulm Substation	Energy Resource		March 1, 2017	Solar	3 MW	3 MW	Active	Feasibility Study	Feasibility Study
263	34	March 21, 2016	Teton County, Montana	Choleau Substation	Energy Resource		March 1, 2017	Solar	3 MW	3 MW	Active	Feasibility Study	Feasibility Study
264	35	March 21, 2016	Chouteau County, Montana	Geraldine Substation, Geraldine, MT	Energy Resource		March 1, 2017	Solar	2 MW	2 MW	Active	Feasibility Study	Feasibility Study
265	36	March 23, 2016	Cascade County, Montana	Great Falls Northwest Substation	Energy Resource		May 31, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
266	37	March 23, 2016	Carbon County, Montana	Bridger City Substation	Energy Resource		May 31, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
267	38	March 23, 2016	Hill County, Montana	Havre City Substation	Energy Resource		May 31, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
268		March 23, 2016	Hill County, Montana	Rudyard Substation	Energy Resource		May 31, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
269		March 29, 2016	Madison County, Montana	Two Bridges Substation	Energy Resource		August 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
270		March 29, 2016	Pondera County, Montana	Conrad City Substation	Energy Resource		August 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
271		March 29, 2016	Madison County, Montana	Harrison-Pony Substation	Energy Resource		August 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
272	39	April 15, 2016	Judith Basin County, Montana	Stanford City Substation	Energy Resource		November 1, 2016	Solar	3 MW	3 MW	Active	System Impact Study	
273		April 19, 2016	Fergus County, Montana	Moore Substation	Energy Resource		July 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
274	40	April 19, 2016	Cascade County, Montana	Great Falls River-view Substation	Energy Resource		July 1, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
275		April 25, 2016	Sweet Grass County, Montana	NWE's 50 kV line between Livingston and Big Timber	Energy Resource		September 30, 2017	Wind	20 MW	20 MW	Withdrawn	System Impact Study	Interconnection Request withdrawn.
276		May 3, 2016	Hill County, Montana	Havre City Substation	Energy Resource		June 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
277		May 3, 2016	Chouteau County, Montana	Dutton Substation	Energy Resource		June 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
278		May 3, 2016	Liberty County, Montana	Chester Substation, Chester, MT	Energy Resource		June 1, 2017	Solar	3 MW	3 MW	Withdrawn	System Impact Study	
279	41	May 10, 2016	Silver Bow County, Montana	Butte MHD Substation Butte, MT	Energy Resource		November 30, 2017	Solar	50 MW	50 MW	Active	System Impact Study	
280	42	May 18, 2016	Gallatin County, Montana	Westside Substation, Bozeman, MT	Energy Resource		Summer 2016	Solar	298 kW	298 kW	Active	System Impact Study	Pursuant to Section 2 of the SGIP, this is a fast track project, therefore studies were not required.
281	43	May 24, 2016	Fergus County, Montana	Buffalo Substation, Moore, MT	Energy Resource		June 1, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
282	44	May 24, 2016	Golden Valley County, Montana	Lavina Substation, Lavina, MT	Energy Resource		June 1, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
283	45	May 31, 2016	Musselshell County, Montana	Jim Coulee Substation, Gage, MT	Energy Resource		September 1, 2017	Solar	3 MW	3 MW	Active	System Impact Study	
284	46	June 1, 2016	Sweet Grass County, Montana	Lower Duck Creek 161 kV Substation Springdale, MT	Network Resource		November 1, 2018	Wind	80MW	80MW	Active	System Impact Study	
285	47	June 1, 2016	Silver Bow County, Montana	Butte MHD Substation Butte, MT	Energy Resource		November 30, 2017	Solar	3MW	3MW	Active	System Impact Study	

70

1 Signed  
33 Withdrawn  
36 Active

286	48	June 1, 2016	Chouteau County, Montana	NWE's 69 kV line - Carter Substation	Energy Resource		October 15, 2017	Wind	18MW	18MW	Active		
287	49	June 1, 2016	Chouteau County, Montana	NWE's 69 kV line - Marias Substation	Energy Resource		November 15, 2017	Wind	20MW	20MW	Active		
288	50	June 1, 2016	Teton County, Montana	NWE's 69 kV line - Power Substation	Network Resource		October 1, 2017	Wind	20MW	20MW	Active		
289	51	June 8, 2016	Broadwater County, Montana	Toston Substation	Energy Resource		November 30, 2017	Solar	3MW	3MW	Active		
290	52	June 22, 2016	Cascade County, Montana	Ulm Substation	Energy Resource		December 31, 2017	Solar	3MW	3MW	Active		
291	53	June 28, 2016	Big Horn/Yellowstone County Line, Montana	NWE's 69kV line near Toluca Siding	Energy Resource		December 1, 2017	Wind	20MW	20MW	Active		
292	54	July 1, 2016	Silver Bow County, Montana	South Butte Substation	Energy Resource		November 30, 2017	Solar	3MW	3MW	Active		
293	55	July 1, 2016	Silver Bow County, Montana	South Butte Substation	Energy Resource		December 1, 2017	Solar	3MW	3MW	Active		
294	56	July 1, 2016	Gallatin County, Montana	Riverside Substation	Energy Resource		June 1, 2017	Solar	3MW	3MW	Active		
295	57	July 1, 2016	Madison County, Montana	Twin Bridges Substation	Energy Resource		December 1, 2017	Solar	2.2MW	2.2MW	Active		
296	58	July 1, 2016	Madison County, Montana	Sheridan City Substation	Energy Resource		December 1, 2017	Solar	3MW	3MW	Active		
297	59	July 1, 2016	Judith Basin County, Montana	Stanford City Substation	Energy Resource		December 1, 2017	Solar	3MW	3MW	Active		

8      8 Active

Totals      28      9 Signed  
                  20      44 Active  
                  8      53 w. Holdover  
                  106      106

Service Date: June 16, 2016

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

IN THE MATTER OF NorthWestern Energy's ) REGULATORY DIVISION  
Application for Interim and Final Approval of )  
Revised Tariff No. QF-1, Qualifying Facility ) DOCKET NO. D2016.5.39  
Power Purchase )

**NOTICE OF COMMISSION ACTION**

On May 3, 2016, NorthWestern Corporation, doing business as NorthWestern Energy ("NorthWestern") filed an *Application for Approval of Avoided Cost Tariff Schedule QF-1* ("Application") with the Montana Public Service Commission ("Commission"). NorthWestern requests that the Commission approve its new QF-1 tariff on both an interim and final basis. The proposed avoided cost rates would apply to Qualifying Facilities (QFs) with a nameplate capacity of three megawatts or less on May 3, 2016.

"Standard rates" for purchases from QFs are based on NorthWestern's "avoided costs," computed annually, reviewed by the Commission, made available to the public, and "applicable to all contracts with qualifying facilities which do not choose to negotiate a different rate." Mont. Admin. R. 38.5.1901(2)(j) (2016). In its Application, NorthWestern proposes to decrease standard rates.

On May 13, 2016, the Commission issued a *Notice of Application and Intervention Deadline*, setting an intervention deadline of June 10, 2016. On May 17, 2016, NorthWestern filed a *Motion for Emergency Suspension of the QF-1 Tariff for New Solar Qualifying Facilities with Nameplate Capacities Greater than 100 kW*, as well as the supporting affidavit of John B. Bushnell. On May 24, 2016, the Commission issued a *Notice of Emergency Motion and Opportunity to Comment and Request Hearing* ("Notice"). The Notice advised that "[u]pon its own motion or upon request by an interested party, the PSC may hold a hearing on June 9, 2016 at 2:00 p.m. at the PSC's business offices." The Commission issued a *Notice of Staff Action Setting Hearing* which confirmed that a hearing would be held. On June 9, 2016, the Commission held a hearing in this matter.

On June 16, 2016, at a properly noticed work session, the Commission voted to grant NorthWestern's motion and suspend its obligation under QF-1 tariff option 1(a) standard rates for solar projects greater than 100 kW pending issuance of a final order. NorthWestern is explicitly authorized, following issuance of this notice, to execute contracts with solar QFs greater than 100 kW, but no larger than 3 MW, at the standard tariff rate, if prior to the date of this notice, the QF had submitted a signed power purchase agreement and executed an interconnection agreement. The suspension will automatically expire on the service date of the issuance of the Commission's final order in this docket. This *Notice of Commission Action* will subsequently be followed by a Commission Order.

Done and dated this 16<sup>th</sup> day of June 2016, by a vote of 3 to 2. Commissioners Kavulla and Bushman dissenting.

BY THE MONTANA PUBLIC SERVICE COMMISSION

BRAD JOHNSON, Chairman  
TRAVIS KAVULLA, Vice Chairman  
KIRK BUSHMAN, Commissioner  
ROGER KOOPMAN, Commissioner  
BOB LAKE, Commissioner