414 Nicollet Mall
Minneapolis, Minnesota 55401

January 29, 2021

— Via Electronic Filing —

Steve Kahl, Interim Executive Secretary
North Dakota Public Service Commission
State Capitol, 600 East Boulevard
Bismarck, ND 58505-0480

Re: February 2021 Fuel Cost Rider Rates
Case No. PU-21-012

Dear Mr. Kahl:

Northern States Power Company, doing business as Xcel Energy and operating in North Dakota, hereby submits its electric Fuel Cost Rider (FCR) rates for February 2021.

The table below shows the FCR rates by customer class:

February 2021	FCR rate/kWh
Residential	$0.01878
C & I Non-Demand	$0.01944
C & I Demand	$0.01918
C & I Demand Time of Day (On-Peak)	$0.02411
C & I Demand Time of Day (Off-Peak)	$0.01498
Outdoor Lighting	$0.01383

See Attachment A for the supporting calculations of these rates.

3 PU-21-12 Filed 01/29/2021 Pages: 15
February 2021 fuel cost adjustment
Northern States Power Company

MID-CONTINENT INDEPENDENT SYSTEM OPERATOR (MISO) CHARGES

Day 2 Market

Pursuant to the Commission's Orders in Case Nos. PU-05-147 and PU-07-776, Xcel Energy is authorized to recover MISO Day 2 costs in the FCR. The current FCR rates reflect MISO Day 2 charge types including three Auction Revenue Rights (ARR) and three Financial Transmission Rights (FTR) charge types.[1] Consistent with these Orders and the required "net" accounting of MISO Day 2 costs and revenues, we have included in the February FCR the net MISO Day 2 costs for December as recorded in Account 555. The MISO Day 2 cost recovery included in this month's FCR is $12,176,552 which is the net of many items.[2] Pursuant to the above-mentioned Orders, the Company also provides more detailed information in Attachment C of this filing to support the calculation of the MISO Day 2 costs.

Ancillary Services Market (ASM)

With the implementation of the MISO ASM on January 6, 2009, the net costs or revenues of 14 ASM charge types are included in the FCR, pursuant to Commission guidance in Case No. PU-09-016. Consistent with the MISO Order and the required "net" accounting of ASM costs and revenues, we reflect in the February FCR rates the net MISO ASM costs for December as recorded in Account 555. The MISO ASM cost recovery included in this month's FCR is $2,956,660, which is the net of many items. The detailed records are contained in Attachment C.

INCLUDED REFUNDS

Asset Based Margins

Under the terms of the Revised Second Amended Settlement adopted by the Commission on February 26, 2014 (retroactive to January 1, 2014), the Company began passing through to North Dakota customers 100 percent of wholesale asset-based margins.[3] December margins of $1,012,824 have been included as an offsetting credit in this month's FCR. Additional information is found in Attachments B and F.

Non-Asset Based Margins

Beginning in February 2011, the prior year retail share of Non-Asset Based Margins is credited to North Dakota customers via the FCR evenly over the following 12-month period. The North Dakota retail share of the 2019 Non-Asset Based Margin credit amount applicable to the February FCR is $18,162. See Attachments B and F.

Sales of Renewable Energy Credits (RECs)

Pursuant to the Commission Order in Case No. PU-10-19, the Company was authorized to sell excess Renewable Energy Credits (RECs) allocable to our North Dakota jurisdiction and credit 90 percent of the North Dakota jurisdictional share of net proceeds generated by the sale back to customers through the FCR. Under the Commission's February 26, 2014 Order

[1] Previously embedded in other FTR charge types.
[2] This excludes Schedule 24 charge and includes Schedule 49 charge.
[3] Case Nos. PU-12-813, PU-13-706, PU-13-707, PU-13-708, PU-13-742, PU-13-743, PU-13-194, PU-13-195

Adopting Settlement, the share of the net proceeds to customers was increased to 100 percent. The REC sales credit for the current reporting period is a charge of $6,506 that is related to true up of an over refund in December FCA. See Attachments B and F.

PURCHASED POWER AGREEMENT (PPA) COST RECOVERY REVIEW

Pursuant to the Commission's February 26, 2014 Order Adopting Settlement, the following procedural changes reflected in the Revised Second Amended Settlement were made to provide additional transparency regarding cost recovery of renewable energy projects or purchases:

- The Company will notify the Commission in its monthly FCR filings of any new renewable projects, qualifying in part or whole for FCR cost recovery, whose costs are included in the calculation of FCR rates;
- The Company will file an annual summary listing the new resources that have been included in the FCR during the previous calendar year;
- If, within 6 months of the filing of the annual summary, the Commission does not initiate a review of the new PPA(s) listed, the Company will be allowed to recover the related costs for the duration of the contract(s); and
- Renewable energy resources or purchases with FCR-qualifying costs that are 50 MW or larger in size (nameplate capacity) will not be included in the FCR unless and until the Commission has granted an Advance Determination of Prudence (ADP) for the resource.

It should be noted that MISO market energy purchases are not subject to the above requirements.

The following PPAs have been excluded from the FCR as a result of Commission review and disapproval:

1. School Sisters of Notre Dame (0.8 MW)[4]
2. Marshall Solar LLC (62.25 MW)[5]
3. North Star Solar PV (100 MW)[6]
4. Aurora Distributed Solar (100 MW)[7]

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[4] Case No. PU-16-458, ORDER REGARDING 2015 POWER PURCHASE AGREEMENT COSTS, October 5, 2016.
[5] The 62.25 MW Marshall Solar project is one of the three projects in the Company's proposed 187 MW solar energy portfolio that was not approved by the Commission (Case No. PU-14-810).
[6] The 100 MW North Star Solar project is one of the three projects in the Company's proposed 187 MW solar energy portfolio that was not approved by the Commission (Case No. PU-14-810).
[7] The Company's application for an advance determination of prudence for the proposed 100 MW Aurora Distributed Solar project was denied (Case No. PU-15-95).

Negotiated Agreement Purchased Power Agreement Exclusions

Pursuant to the Commission's March 9, 2016 Order Accepting the Negotiated Agreement (Case Nos. PU-12-813, *et. al.*), the costs and volumes of 15 Community-Based Energy Development (C-BED) and two solar PPAs (see table below) are to be excluded from the calculation of the Company's monthly FCR rates. Beginning with September 2018, a new solar PPA, Dragonfly Solar is added to the exclusion list. See Attachment D for more details concerning the calculation of the replacement energy costs (i.e., the system average) used to effectuate the impact of disallowing these PPAs.

1. Jeffers Wind 20, LLC (50 MW)	10. North Wind Turbines (15 MW)
2. Big Blue (36 MW)	11. Valley View Transmission (10 MW)
3. Community Wind South (Zephyr) (30 MW)	12. Uilk Wind Farm (4.5 MW)
4. Ridgewind Power Partners LLC (25 MW)	13. Hilltop Power (2 MW)
5. Adams Wind Generations (20 MW)	14. Winona County Wind (1.5 MW)
6. Danielson Wind Farms (20 MW)	15. Woodstock Municipal Wind, LLC (0.8 MW)
7. Ewington Energy Systems LLC (20 MW)	16. Outland Solar (2 MW)
8. Grant County Wind, LLC (20 MW)	17. Best Power (St. Johns Solar) (0.4 MW)
9. North Community Turbines (15 MW)	18. Dragonfly Solar, LLC (0.8 MW)

Community Solar Gardens Cost Treatment

In our response to NDPSC Staff Data Request No. 1 submitted in Case No. PU-17-12 on August 23, 2017, the Company committed to including additional information in our FCR filings regarding the costs related to the Minnesota Community Solar Gardens program production and cost allocation to North Dakota. This information is in Attachment H.

Biomass PPA Termination Cost Recovery

Pursuant to Commission's June 27, 2018 Order in Case Nos. PU-17-270 (ADP – Benson, Pine Bend and HERC PPAs), PU-17-271 and PU-17-322 (Deferred Accounting of Benson, Pine Bend and Laurentian PPAs termination cost recovery) the February FCR includes $57,158 in termination cost recovery. Pine Bend PPA termination cost recovery was completed in May 2020 FCR. The itemized cost recovery information is found in Attachment F.

Monthly FCR Rate Calculation and Supporting Documents

This filing includes the following supporting documents:

- Attachment A – Summary of Calculation of the Monthly 2021 FCR Rate
- Attachment B – Four Month Fuel Cost Rider Costs
- Attachment C – Detail of MISO Day 2 and ASM Settlement Charges

- Attachment D – Derivation of Replacement Costs for Disallowed PPAs
- Attachment E – Deviation of FCR True-Up Adjustment
- Attachment F – Summary of Credits and Special Charges Included in the FCR
- Attachment G – Historical Trend of FCR Charges (Residential)
- Attachment H – Community Solar Garden Costs Allocated To North Dakota FCA

If you have any questions regarding the information contained in this filing, please contact Dave Sederquist at 701-241-8632 or dave.sederquist@xcelenergy.com.

Sincerely,

/ s /

LISA PETERSON
MANAGER, REGULATORY ANALYSIS

cc: David H. Sederquist

Enclosures

Northern States Power Company
Electric Utility - State of North Dakota

Summary of Fuel Cost Rider Rates - February 2021

	System Fuel and Purchased Energy Costs	4 Month Total	
1	NSP System Fuel/Energy Costs (Retail)	$247,875,912	Att B, p. 1, line 6
2	MISO Charges	$52,958,913	Att B, p. 1, line 10
3	Disallowed Purchased Power Costs	($12,637,722)	Att B, p. 1, line 14
4	Net NSP System Costs	$288,197,102	

	ND Fuel and Purchased Energy Costs	4 Month Total	
5	NSP System MWh Sales (Retail)	12,376,999	Att B, p. 1, line 16
6	Average NSP System Cost per kWh	2.328¢	line 4 / line 5/10
7	ND MWh Sales (Retail)	670,747	Att B, p. 1, line 18
8	ND Fuel & Purchased Energy Costs	$15,614,990	line 6 x line 7

	Credits and Other Adjustments Applicable to ND	December 2020	
9	Wholesale Margins Credit	($1,030,986)	Att B, p. 1, line 20,21
10	REC Sales Proceeds Credit	$6,506	Att B, p. 1, line 22
11	Biomass PPA Termination Costs	$57,158	Att B, p. 1, line 23
12	Net Credits and Other	($967,322)	

	Over/Under Recovered Costs	Amount	
13	True-Up Amount for December 2020	($2,012,616)	Att E, p.1, line 19

	ND Net FCR Costs	4 Month Total.	
14	Net FCR Costs	$12,635,053	line 8+line 12+line 13
15	Net FCR Cost per kWh	1.884¢	line 14 / line 7/10

Fuel Cost Rider Rate By Class

	Customer Class	ND Cost of Fuel/kWh	Cust. Class Ratio[1]	FCR Rate
16	Residential	1.884¢	0.99690	**1.878¢**
17	C & I Non-Demand	1.884¢	1.03180	**1.944¢**
18	C & I Demand Non-TOD	1.884¢	1.01840	**1.918¢**
19	C & I Demand TOD On-Peak	1.884¢	1.27980	**2.411¢**
20	C & I Demand TOD Off-Peak	1.884¢	0.79540	**1.498¢**
21	Outdoor Lighting	1.884¢	0.73410	**1.383¢**

[1] See Fuel Cost Rider Tariff.

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4 Month Fuel Cost Rider Costs - February 2021

		(A)	(B)	(C)	(D)	(E)
	Fuel & Purchased Energy Costs	Sep-20	Oct-20	Nov-20	Dec-20	4 Month Total
1	Account 151 - Fossil Fuel	$24,506,371	$27,974,459	$24,428,570	$33,901,976	$110,811,376
2	Account 518 - Nuclear Fuel	$8,210,477	$8,718,197	$9,834,727	$10,176,055	$36,939,456
3	Account 555 - Purchased Power[1]	$44,810,462	$43,583,905	$44,819,017	$45,421,911	$178,635,294
4	Sub-Total NSP Sys Energy Costs	$77,527,310	$80,276,561	$79,082,314	$89,499,942	$326,386,126
5	Exclude Costs of InterSystem Sales	($14,358,645)	($19,298,800)	($17,849,008)	($27,003,761)	($78,510,214)
6	Total Sys Fuel & Purch Energy	$63,168,666	$60,977,761	$61,233,305	$62,496,180	$247,875,912
	MISO Charges					
7	Day 2 Market	$12,951,461	$8,886,138	$13,398,548	$12,261,789	$47,497,935
8	Exclude Schedule 24	($87,638)	($73,938)	($97,212)	($85,238)	($344,026)
9	Ancillary Services Market	$627,068	$1,426,519	$794,756	$2,956,660	$5,805,003
10	Total MISO Charges	$13,490,891	$10,238,719	$14,096,092	$15,133,211	$52,958,913
	Disallowed PPA Costs[2]					
11	Exclude Costs of Disallowed PPAs	($5,490,046)	($3,589,263)	($2,975,547)	($3,828,062)	($15,882,918)
12	Exclude Related Curtailment Costs	($331,958)	($711,451)	($1,225,417)	($530,219)	($2,799,045)
13	Replacement Energy Costs	$1,723,875	$1,255,543	$1,542,707	$1,522,116	$6,044,241
14	Net Disallowance	($4,098,129)	($3,045,171)	($2,658,257)	($2,836,165)	($12,637,722)
15	Net NSP System Costs	$72,561,427	$68,171,308	$72,671,141	$74,793,226	$288,197,102
	ND Fuel and Purchased Energy Costs	Sep-20	Oct-20	Nov-20	Dec-20	4 Month Total
16	NSP System Sales (Retail)	3,371,857	2,995,712	2,740,381	3,269,049	12,376,999
17	Avg. NSP System Cost per kWh	2.152¢	2.276¢	2.652¢	2.288¢	2.328¢
18	ND Sales (Retail)	172,424	159,361	150,770	188,192	670,747
19	ND Fuel & Purchased Energy Costs	$3,710,564	$3,627,056	$3,998,420	$4,305,833	$15,614,990
	Other Adjustments and True-Up					
20	Asset-Based Margins	($800,409)	($828,001)	($958,393)	($1,012,824)	($3,599,627)
21	Non-Asset-Based Margins	($118,843)	($20,825)	($86,381)	($18,162)	($244,212)
22	REC Sales Proceeds (100%)	($241,107)	$20,121	($175,102)	$6,506	($389,582)
23	Biomass PPA Termination Costs[3]	$54,863	$54,717	$54,571	$57,158	$221,309
24	Net Credits and Other	($1,105,496)	($773,988)	($1,165,305)	($967,322)	($4,012,112)

[1] Excludes demand-related expenses, MN Windsource energy costs, and MN Solar Gardens energy costs.

[2] Excludes costs exceeding system average costs for 21 wind and solar PPAs pursuant to March 9, 2016 Order Approving Settlement (PU-12-813) & other ADP dockets.

[3] Benson, Laurentian and Pine Bend PPAs.

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Electric Utility - State of North Dakota

MISO Day 2 Settlement Charges - February 2021

		FERC Account	Retail Expense (Rev)
	Energy and Losses		
1	Day Ahead Asset Energy - Energy	555	$3,269,421
2	Day Ahead Asset Energy - Losses	555	$2,646,477
3	Day Ahead Financial Bilateral Transaction Loss	555	($2,031)
4	Day Ahead Non-Asset Energy - Energy	555	($2,837,735)
5	Day Ahead Non-Asset Energy - Losses	555	$236,173
6	Day Ahead Losses Rebate on Carve-out Grandfathered Agreements	555	$2,031
7	Day Ahead Losses Rebate on Option B Grandfathered Agreements	555	$0
8	Real Time Asset Energy - Energy	555	$1,960,560
9	Real Time Asset Energy - Losses	555	($22,014)
10	Real Time Distribution of Losses	555	($673,124)
11	Real Time Financial Bilateral Transaction - Losses	555	$0
12	Real Time Losses Rebate on Carve-out Grandfathered Agreements	555	$0
13	Real Time Net Inadvertent Distribution	555	($9,357)
14	Real Time Non-Asset Energy - Energy	555	$9,581
15	Real Time Non-Asset Energy - Losses	555	$2
16	**Total Energy and Losses**		$4,579,984
	Congestion		
17	Day Ahead Asset Energy - Congestion	555	$8,093,979
18	Day Ahead Financial Bilateral Transaction - Congestion	555	($5,997)
19	Day Ahead Non-Asset Energy - Congestion	555	$126,174
20	Day Ahead Congestion Rebate - Carve-out Grandfather Agreements	555	$5,997
21	Day Ahead Congestion Rebate - Option B Grandfather Agreements	555	$0
22	Real Time Asset Energy - Congestion	555	$35,769
23	Real Time Financial Bilateral Transaction - Congestion	555	$0
24	Real Time Congestion Rebate - Carve-out Grandfather Agreements	555	$0
25	Real Time Non-Asset Energy - Congestion	555	($1)
26	**Total Congestion-Related**		$8,255,920
	Financial Transmission Rights (FTR)		
27	FTR Hourly Allocation	555	($1,925,937)
28	FTR Monthly Allocation	555	($48,720)
29	FTR Transaction	555	$0
30	FTR Yearly Allocation	555	$0
31	FTR Full Funding Guarantee	555	($307,691)
32	FTR Guarantee Uplift	555	$309,547
33	FTR Monthly Transaction	555	$0
34	**Total Financial Transmission Rights Charges**		($1,972,801)

Northern States Power Company
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MISO Day 2 Settlement Charges - February 2021

		FERC Account	Retail Expense (Rev)
	Uplift		
35	Real-Time Revenue Neutrality Uplift	555	$802,449
36	**Total Uplift**		$802,449
	Revenue Sufficiency Guarantee (RSG)		
37	Day Ahead RSG Distribution	555	$129,438
38	Day Ahead RSG Make Whole Payment	555	($203,977)
39	Real time RSG First Pass Distribution	555	$84,758
40	Real Time RSG Make Whole Payment	555	($19,423)
41	Real Time Price Volatility Make Whole Payment	555	($64,874)
42	**Total Revenue Sufficiency Guarantee**	555	($74,079)
	Market Administration[1]		
43	Day Ahead Market Administration	575.7	$636,230
44	Real Time Market Administration	575.7	$50,506
45	FTR Market Administration	575.7	$29,024
46	**Total Market Administration**		$715,760
	Virtual Energy		
47	Day Ahead Virtual Energy	555	$0
48	Real Time Virtual Energy	555	$0
49	**Total Virtual Energy**	555	$0
	Auction Revenue Rights (ARR)		
50	ARR FTR Auction Transactions	555	$1,635,397
51	ARR Monthly Revenue	555	($1,603,955)
52	ARR Stage 2 Distribution	555	($202,829)
53	ARR Monthly Infeasible Revenue	555	$22,549
54	**Total Auction Revenue Rights**		($148,838)
	Other Miscellaneous		
55	Real Time Miscellaneous	555	$18,155
56	Real Time Uninstructed Deviation	555	$0
57	**Total Other Miscellaneous**		$18,155
58	**Grand Total MISO Day 2 Charges**		**$12,176,552**

[1] Excludes Schedule 24 costs, which are recovered in base rates.

MISO Ancillary Services Markets (ASM) Charges - February 2021

		FERC Account	Retail Expense (Rev)
	Procurement		
1	Day Ahead Regulation	555	($121,729)
2	Day Ahead Spinning Reserve	555	($124,768)
3	Day Ahead Supplemental Reserve	555	($14,308)
4	Real Time Regulation	555	$33,654
5	Real Time Spinning Reserve	555	$54,061
6	Real Time Supplemental Reserve	555	$2,360
7	**Total Procurement**		($170,730)
	Resource Energy		
8	Real Time Excessive Energy	555	$6,021
9	Real Time Excessive Energy - Congestion	555	$0
10	Real Time Excessive Energy - Losses	555	$0
11	Real Time Non-Excessive Energy	555	$2,891,183
12	Real Time Non-Excessive Energy - Congestion	555	($150,980)
13	Real Time Non-Excessive Energy - Losses	555	$123,251
14	Real Time Net Regulation Adjustment	555	$4,471
15	**Total Resource Energy**		$2,873,945
	Cost Distribution		
16	Real Time Regulation Reserve Cost Distribution	555	$129,830
17	Real Time Spinning Reserve Cost Distribution	555	$86,520
18	Real Time Supplemental Reserve Cost Distribution	555	$12,438
19	**Total Cost Distribution**		$228,788
	Penalties		
20	Real Time Excessive/Deficient Energy Deployment	555	$9,235
21	Real Time Contingency Reserve Deployment Failure	555	$15,422
22	**Total Penalties**		$24,656
23	**Grand Total ASM Charges**		**$2,956,660**

Northern States Power Company
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Derivation of December 2020 Replacement Costs for Disallowed PPAs

		NSP System	ND Allocation[1]	ND Jurisdiction	
	Fuel & Purchased Energy Costs				
1	Fuel & Purch Energy Costs (Retail)[2]	$77,629,392	5.7568%	$4,468,954	Att B, Col D, line 6+10
	Disallowed PPA Costs				
2	15 C-BED Wind PPAs	($2,850,175)	5.7568%	($164,078)	
3	7 Solar PPAs	($977,887)	5.7568%	($56,295)	
4	Wind Curtailment Payments	($530,219)	5.7568%	($30,524)	
5	Total Exclusion	($4,358,281)		($250,897)	
6	Adjusted Fuel & Purchased Energy Costs	$73,271,111	5.7568%	$4,218,058	Line 1 - line 5
	Energy Sales (Billing Mo.)				
		[a]	[b]	[c]	
7	MWh Energy Sales	3,269,049	5.7568%	188,192	[b]=[c]/[a]
8	Disallowed PPA MWh Energy Sales	(66,526)	5.7568%	(3,830)	
9	Adjusted MWh Sales (Billing Mo.)	3,202,523		184,362	
	Replacement Costs				
10	Avg. Cost ($/MWh) w/o Disallowed PPAs	$22.88		$22.88	Line 6 / line 9
11	Replacement Cost for Disallowed PPAs[3]	$1,522,115		$87,630	Line 8 x line 10
	Impact of Disallowance				
12	Net Impact of Disallowance	($2,836,166)		($163,266)	Line 5 + line 11
13	FCR Rate Impact of Disallowance /kWh			-0.087¢	Line 12 / line 7
14	Residential Monthly Bill Impact (750 kWh)			($0.65)	Line 13 x 750

[1] Based on ratio of ND billed energy sales to NSP System billed sales as shown in line 7

[2] Including MISO charges

[3] Reflects the average system fuel and purchased energy cost per kWh (excluding the disallowed PPA costs and volumes) applied to the energy volumes of the disallowed PPAs.

Northern States Power Company Attachment E
Electric Utility - State of North Dakota Page 1 of 1

Derivation of FCR True-Up Adjustment - December 2020

Cost to Recover in December 2020

		[a] Dec Sys Fuel Cost/kWh[1]	[b] Dec ND MWh Sales[2]	Amount	
1	Fuel & Purchased Energy Costs	2.288¢	188,192	$4,305,833	
2	True Up Amount for October 2020			($1,729,633)	
3	Net Costs			$2,576,200	Line 1 + Line 2

Cost Recovered in December 2020

	Fuel & Purchased Energy	Sales	Amount	
4	(i) Residential	73,675	$1,652,612	
5	(ii) C & I Non-Demand	9,464	$220,003	
6	(iii) C & I Demand Non-TOD	59,404	$1,363,560	
7	(iv) C & I Demand TOD On-Peak	16,350	$470,981	
8	(v) C & I Demand TOD Off-Peak	27,434	$491,000	
9	(vi) Outdoor Lighting	1,865	$30,930	
10	Total	188,192	$4,229,086	
	True-Up Obligation			
11	(i) Residential	73,675	$139,964	
12	(ii) C & I Non-Demand	9,464	$19,983	
13	(iii) C & I Demand Non-TOD	59,404	$121,705	
14	(iv) C & I Demand TOD On-Peak	16,350	$36,512	
15	(v) C & I Demand TOD Off-Peak	27,434	$37,408	
16	(vi) Outdoor Lighting	1,865	$4,158	
17	Total	188,192	$359,730	
18	Net Recovery		$4,588,816	Line 10 + Line 17

Over/Under Recovered Costs

		Amount	
19	True-Up Amount for December 2020	($2,012,616)	Line 3 - Line 18

[1] Reflects the average for the month of December 2020.

[2] Actual ND sales in month of December 2020.

Northern States Power Company
Electric Utility - State of North Dakota

Summary of Credits and Other Adjustments Included in the FCR by Month

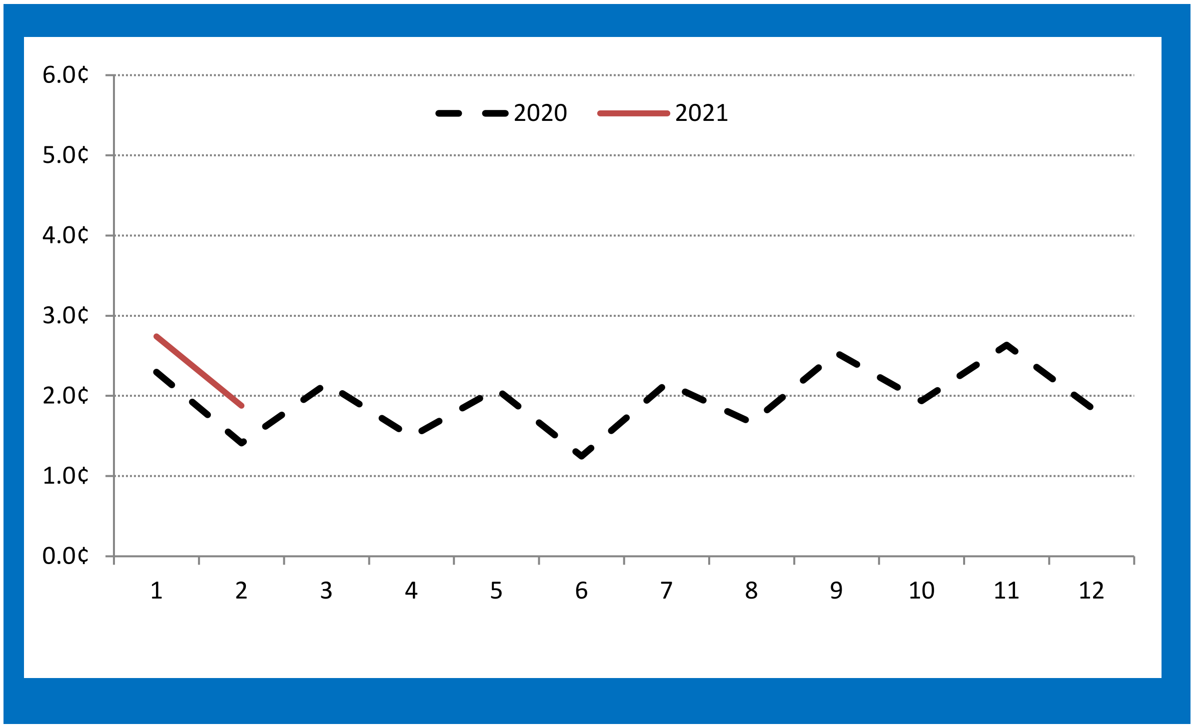
Margin Sharing and REC Sales Proceeds Credits

	Month	Asset Based Margins	Non-Asset Based Margins		Renewable Energy Credits	Total
1	January	($899,485)	($370,661)		($55,876)	($1,326,022)
2	February	($852,306)	($36,257)		($57,272)	($945,835)
3	March	($875,142)	($277,301)		($43,092)	($1,195,536)
4	April	($943,573)	($35,868)		($46,417)	($1,025,857)
5	May	($811,286)	($224,500)		($480,755)	($1,516,541)
6	June	($828,683)	($28,151)		($37,304)	($894,138)
7	July	($894,125)	($159,551)		($342,973)	($1,396,649)
8	August	($801,808)	($23,436)		$35,729	($789,515)
9	September	($800,409)	($118,843)		($241,107)	($1,160,359)
10	October	($828,001)	($20,825)		$20,121	($828,705)
11	November	($958,393)	($86,381)		($175,102)	($1,219,876)
12	December	($1,012,824)	($18,162)		$6,506	($1,024,480)
13	**Cumulative**	**($10,506,034)**	**($1,399,938)**		**($1,417,541)**	**($13,323,513)**

Biomass Contracts Termination Cost Recovery

	Month	Benson Amortization (Regulatory Asset)	Benson Amortization (Plant Impairment)	Benson ROE (Regulatory Asset)	Benson ROE (Plant Impairment)	Laurentian Payment	Pine Bend Payment	Total
		FERC 557	FERC 407	FERC 182.2	FERC 182.3			
14	January	$21,516	$19,962	$6,961	$7,570	$0	$4,108	$60,117
15	February	$21,517	$19,947	$6,881	$7,495	$0	$4,367	$60,207
16	March	$21,517	$19,947	$6,807	$7,419	$0	$1,419	$57,109
17	April	$21,517	$19,947	$6,737	$7,343	$0	$0	$55,544
18	May	$21,517	$19,947	$6,667	$7,267	$0	$0	$55,398
19	June	$21,567	$19,947	$6,598	$7,191	$937,991	$0	$993,294
20	July	$19,946	$21,567	$6,527	$7,115	$0	$0	$55,155
21	August	$19,946	$21,567	$6,457	$7,038	$0	$0	$55,008
22	September	$19,946	$21,567	$6,388	$6,962	$0	$0	$54,863
23	October	$19,946	$21,567	$6,318	$6,886	$0	$0	$54,717
24	November	$19,946	$21,567	$6,248	$6,810	$0	$0	$54,571
25	December	$19,946	$22,387	$6,179	$8,647	$0	$0	$57,158
26	**Cumulative**	**$248,826**	**$249,919**	**$78,768**	**$87,743**	**$937,991**	**$9,894**	**$1,613,141**

Historical Trend of FCR Charges (Residential)



Residential Fuel Cost Charges

		2020	Bill Impact[1]	2021	Bill Impact[1]
1	January	2.298¢	$17.24	2.742¢	$20.57
2	February	1.413¢	$10.60	1.878¢	$14.09
3	March	2.152¢	$16.14		
4	April	1.492¢	$11.19		
5	May	2.087¢	$15.65		
6	June	1.248¢	$9.36		
7	July	2.157¢	$16.18		
8	August	1.667¢	$12.50		
9	September	2.538¢	$19.04		
10	October	1.937¢	$14.53		
11	November	2.635¢	$19.76		
12	December	1.850¢	$13.88		
13	Average	1.956¢	$14.67	2.310¢	$17.33

[1] For non-electric heating residential customers using 750 kWh

Northern States Power Company
Electric Utility - State of North Dakota

Community Solar Garden Costs Allocated To North Dakota FCA

		January 2020	February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	12-Month Total
1	Market Priced Cost	$585,186	$1,425,990	$1,482,265	$1,765,198	$1,917,372	$2,385,896	$3,521,750	$3,003,396	$1,537,897	$1,408,268	$1,091,205	$921,891	$21,046,314
2	Above Market Cost	$3,563,990	$8,020,609	$8,969,790	$11,399,247	$12,628,106	$16,077,429	$15,877,804	$14,359,648	$11,068,799	$10,514,941	$11,854,697	$6,084,742	$130,419,802
3	Total Solar Gardens (1)+(2)	$4,149,175	$9,446,599	$10,452,055	$13,164,445	$14,545,479	$18,463,325	$19,399,554	$17,363,044	$12,606,696	$11,923,209	$12,945,903	$7,006,633	$151,466,116
4	ND Billing Month Sales	230,507	186,134	203,238	162,371	141,395	165,249	193,432	181,752	172,424	159,361	150,770	188,192	2,134,825
5	Billing Month System Sales	3,654,477	3,033,260	3,326,407	2,855,071	2,542,292	3,185,800	3,871,594	3,651,149	3,371,857	2,995,712	2,740,381	3,269,049	38,497,049
6	ND Allocator (4)/(5)	6.30752%	6.13643%	6.10984%	5.68711%	5.56171%	5.18705%	4.99619%	4.97794%	5.11362%	5.31964%	5.50179%	5.75678%	5.54543%
7	Market Costs (1)	$585,186	$1,425,990	$1,482,265	$1,765,198	$1,917,372	$2,385,896	$3,521,750	$3,003,396	$1,537,897	$1,408,268	$1,091,205	$921,891	$21,046,314
8	**ND Solar Gardens Allocation** (7)x(6)	**$36,911**	**$87,505**	**$90,564**	**$100,389**	**$106,639**	**$123,758**	**$175,953**	**$149,507**	**$78,642**	**$74,915**	**$60,036**	**$53,071**	**$1,137,889**