

March 17, 2021

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

Re: Fuel and Purchased Power Adjustment
Case No. PU-21-011
April 2021

Montana-Dakota Utilities Co. (Montana-Dakota) electronically submits its Fuel and Purchased Power (F&PP) adjustment pursuant to its Rate 58. In response to the COVID-19 pandemic, Montana-Dakota has provided an electronic copy only to further reduce the potential spread of the virus.

Exhibit A, page 1 summarizes the fuel and purchase power adjustment calculated pursuant to the terms of Rate 58 that will apply during the month of April 2021. Pages 2 through 4 show the calculation of the adjustment which is based on a four month historical average cost of fuel and purchased power.

Exhibit B shows the calculation of the surcharge adjustment that will be applicable to Montana-Dakota's customers from April 1, 2021 through March 31, 2022. The total surcharge is 0.003 cents per Kwh for primary service customers and 0.000 cents per Kwh for secondary service customers. An increase of 0.198 cents per Kwh for primary and an increase of 0.187 cents per Kwh for secondary service customers from the adjustment effective April 1, 2020.

The net effect of this F&PP adjustment is an increase of 0.650 cents per Kwh for primary service customers and an increase of 0.636 cents per Kwh for secondary service customers for service rendered in the month of April 2021 from current effective rates as shown below. The increase was largely the result of a per unit increase in MISO market prices.

	<u>Primary</u>	<u>Secondary</u>
F&PP Effective April 1, 2021	\$0.02686	\$0.02784
F&PP Effective March 1, 2021	0.02036	0.02148
Change	\$0.00650	\$0.00636

The current and historical Fuel and Purchased Power Adjustment for primary and secondary service customers can be found by selecting the Fuel and Purchased Power Adjustment link at <https://www.montana-dakota.com/rates-services/rates-tariffs>.

All of Montana-Dakota's retail electric customers in North Dakota will be affected by this proposal. There were 93,381 electric customers in North Dakota as of February 28, 2021.

In response to Paragraph No. 11 of NDAC Section 69-09-02-39, Montana-Dakota purchases natural gas used for electric generation from its own gas operations or transports natural gas purchased from others under the applicable gas tariff approved and on file with the Commission in the state where the purchase is made or the transportation occurs. Montana-Dakota also has an agreement with its own gas operations associated with the pipeline utilized to transport firm natural gas service to the Heskett III Station pursuant to the order in Case Nos. PU-14-108 and PU-14-109.

Montana-Dakota submitted a check for \$600.00 on March 3, 2021. This payment will cover the filing fee associated with the Fuel and Purchased Power adjustment filings for March 2021 through February 2022 in accordance with North Dakota Century Code Section 49-05-05.

Montana-Dakota respectfully requests this electronic filing, in lieu of an original and two (2) physical copies, be accepted as being in full compliance with the filing requirements of this Commission.

If you have any questions regarding this filing, please contact me at (701) 222-7855 or Travis.Jacobson@mdu.com.

Sincerely,

/s/ Travis R. Jacobson

Travis R. Jacobson
Director of Regulatory Affairs

Attachment

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM - NORTH DAKOTA
FUEL AND PURCHASED POWER ADJUSTMENT
APRIL 2021 ADJUSTMENT**

	<u>Primary</u>	<u>Secondary</u>
Current Cost of Fuel (Page 2)	\$0.02683	\$0.02784
Prior Cost of Fuel	0.02231	0.02335
Change in Cost of Fuel	<u>\$0.00452</u>	<u>\$0.00449</u>
 <u>Surcharge Adjustment</u>		
Current Adjustment (Exhibit B)	\$0.00003	\$0.00000
Prior Adjustment	<u>(0.00195)</u>	<u>(0.00187)</u>
Change in Surcharge Adjustment	<u>\$0.00198</u>	<u>\$0.00187</u>
 Cost of Fuel	 \$0.02683	 \$0.02784
Surcharge Adjustment	<u>0.00003</u>	<u>0.00000</u>
Total	<u><u>\$0.02686</u></u>	<u><u>\$0.02784</u></u>

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM - NORTH DAKOTA
FUEL AND PURCHASED POWER ADJUSTMENT
FUEL AND PURCHASED POWER COST TRACKING**

	<u>Total 1/</u>	<u>Allocation to 2/ North Dakota</u>	<u>Allocation to 3/</u>	
			<u>Primary</u>	<u>Secondary</u>
Fuel & Purchased Power Cost				
Accounts 501 Coal and 547 Gas	\$17,619,137	\$12,463,711	\$2,298,011	\$10,165,700
Account 502 Reagent	938,002	663,539	122,341	541,198
Account 502 Sand	152,521	107,893	19,893	88,000
Account 555 Energy	9,041,892	6,396,200	1,179,306	5,216,894
Accounts 555 Demand and 547 Pipeline Charges	1,260,158	895,498	87,848	807,650
Account 575 Market Admin.	191,502	135,468	24,977	110,491
Total F&PP Cost	<u>\$29,203,212</u>	<u>\$20,662,309</u>	<u>\$3,732,376</u>	<u>\$16,929,933</u>
Less:				
Wholesale Sales Revenue	\$596,485	\$421,951	\$77,798	\$344,153
Sale of RECs Revenue 4/	383,598	357,742	65,959	291,783
Total Revenue	<u>\$980,083</u>	<u>\$779,693</u>	<u>\$143,757</u>	<u>\$635,936</u>
Net System Cost	\$28,223,129	\$19,882,616	\$3,588,619	\$16,293,997
Kwh Retail Sales	1,021,451,998	719,013,896	<u>133,756,315</u>	<u>585,257,581</u>
Cost Per Kwh	\$0.02763	\$0.02765	<u><u>\$0.02683</u></u>	<u><u>\$0.02784</u></u>

1/ Page 3.

2/ Energy is allocated on Kwh sales and demand and pipeline are allocated on Allocation Factor No. 15, Integrated System 12 Month Peak Demand.

3/ Energy is allocated on Kwh sales at generation and demand and pipeline are allocated on class Allocation Factor No. 2, Coincident Peak Demand from PU-16-666.

4/ North Dakota's portion is allocated between primary and secondary based on Kwh sales at generation.

Factor No. 15 ND	71.062334%
Factor No. 2 Primary	9.810000%
Factor No. 2 Secondary	90.190000%

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM - NORTH DAKOTA
FUEL AND PURCHASED POWER ADJUSTMENT
FUEL AND PURCHASED POWER COST TRACKING**

	2020		2021		Total
	November	December	January	February	
Fuel & Purchased Power Cost					
Accounts 501 Coal and 547 Gas	\$4,062,147	\$4,452,819	\$4,492,842	\$4,611,329	\$17,619,137
Account 502 Reagent	176,403	268,701	239,422	253,476	938,002
Account 502 Sand	35,056	38,059	37,875	41,531	152,521
Account 555 Energy 1/	880,610	1,543,235	1,124,167	5,493,880	9,041,892
Accounts 555 Demand and 547 Pipeline Charges	315,134	315,465	315,908	313,651	1,260,158
Account 575 Market Admin.	45,447	51,772	44,696	49,587	191,502
Total F&PP Cost	<u>\$5,514,797</u>	<u>\$6,670,051</u>	<u>\$6,254,910</u>	<u>\$10,763,454</u>	<u>\$29,203,212</u>
Less:					
Wholesale Sales Revenue	\$226,466	\$113,958	\$142,682	\$113,379	\$596,485
Sale of RECs Revenue	0	3,400	378,000	2,198	383,598
Total Revenue	<u>\$226,466</u>	<u>\$117,358</u>	<u>\$520,682</u>	<u>\$115,577</u>	<u>\$980,083</u>
Net System Cost	\$5,288,331	\$6,552,693	\$5,734,228	\$10,647,877	\$28,223,129
Kwh Retail Sales	212,542,530	270,936,656	274,114,316	263,858,496	<u>1,021,451,998</u>
Cost Per Kwh	\$0.02488	\$0.02419	\$0.02092	\$0.04035	<u><u>\$0.02763</u></u>

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM
FUEL AND PURCHASED POWER ADJUSTMENT
ACCOUNT 555 ENERGY**

Account No.	Account Description	2020		2021	
		November	December	January	February
	<u>Midcontinent Independent System Operator (MISO)</u>				
555.111	Day-Ahead Asset Energy	\$1,709,507	\$1,939,810	\$1,732,200	\$7,066,033
555.114	Real-Time Asset Energy	(148,673)	(5,517)	46,200	(109,771)
555.117	Real-Time Excessive Energy	(191)	125	(225)	(611)
555.118	Real-Time Non-Excessive Energy	(738,074)	(969,111)	(547,511)	(1,287,647)
555.1230	Revenue Rights Transaction	(113,429)	(100,274)	(100,274)	(100,274)
555.1232	Revenue Rights Infeasible Uplift	982	1,336	1,336	1,336
555.1233	Revenue Rights Stage 2 Distribution	(14,221)	(16,741)	(16,741)	(16,741)
555.1234	Auction Revenue Rights Real-Time MVP Distribution	(329)	(3,221)	8	(2,793)
555.135	Real-Time Asset Loss	13,363	68,213	141,784	222,884
555.136	Real-Time Distribution of Loss	(29,958)	(30,786)	(27,664)	(193,982)
555.151	Day-Ahead Rev Suff Guarantee Distribution	8,606	10,298	4,886	24,282
555.152	Day-Ahead Rev Suff Guarantee Make Whole Pmt	0	0	0	(6,729)
555.153	Real-Time Miscellaneous	155	88	149	399
555.154	Real-Time Net Inadvertent Distribution	(862)	(1,428)	928	876
555.155	Real-Time Revenue Neutrality Uplift	56,238	73,780	46,946	(234,020)
555.156	Real-Time Rev Suff Guarantee First Pass Distribution	3,256	3,981	2,519	162,857
555.157	Real-Time Rev Suff Guarantee Make Whole Payment	(960)	0	0	(35,261)
555.159	Day-Ahead Schedule 24	5,511	5,871	5,977	6,417
555.160	Real-Time Schedule 24	1,300	1,182	974	1,186
555.162	Real-Time Price Volatility Make Whole Payment	(9,631)	(5,329)	(8,439)	(32,473)
555.164	Real-Time Schedule 49	3,293	4,008	2,396	2,595
555.1700	Day-Ahead Regulation Amount	0	(165)	(278)	(390)
555.1701	Day-Ahead Spinning Reserve Amount	(12,235)	(12,277)	(12,484)	(41,092)
555.1702	Day-Ahead Supplemental Reserve Amount	0	0	0	(4,991)
555.1703	Day-Ahead Ramp Capability	(418)	(430)	(374)	(228)
555.1710	Real-Time Net Regulation Adjustment	(4)	1	0	144
555.1711	Real-Time Excessive Deficient Energy Deployment	2	18	186	43
555.1713	Real-Time Regulation Amount	(38)	66	140	(457)
555.1714	Real-Time Spinning Reserve Amount	2,642	(1,349)	1,352	(246)
555.1715	Real-Time Supplemental Reserve Amount	0	0	0	(6,238)
555.1716	Real-Time Regulation Cost Distribution	10,528	10,969	9,993	20,009
555.1717	Real-Time Spinning Reserve Cost Distribution Amount	6,040	7,155	5,606	18,762
555.1718	Real-Time Supplemental Reserve Cost Distribution	978	1,083	804	24,976
555.1719	Real-Time Demand Response Allocation Uplift	0	1,811	803	10,802
555.1720	Real-Time Ramp Capability	81	(194)	(354)	(97)
	<u>Southwest Power Pool (SPP)</u>				
555.185	Real-Time Asset Losses	\$23,787	\$47,684	(\$1,231)	\$116,744
555.186	Real-Time Over Collected Losses	(112,834)	(121,526)	(105,880)	(99,688)
555.1915	Real-Time Asset Congestion	212,802	631,600	(62,984)	(15,149)
	<u>Other</u>				
555.1	Purchased Power	\$3,269	\$2,357	\$3,352	\$2,293
555.5	Purchased Power Cogeneration	127	147	67	120
	Total Account 555 Energy	\$880,610	\$1,543,235	\$1,124,167	\$5,493,880

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
TO BE EFFECTIVE APRIL 1, 2021 THROUGH MARCH 31, 2022
PRIMARY**

(Over)/Under Recovered Electric Costs as of January 31, 2021 (Page 3) (\$116,119)

Less: Projected Recovery From Rates Already Established

	Volume	Rate	Amount
February	32,503,949	(\$0.00195)	(\$63,383)
March	34,083,000	(0.00195)	(66,462)
	66,586,949		(\$129,845)

Additional Recovery Required \$13,726

Projected Sales Volumes (Kwh)

April 2021	29,396,000
May	28,912,000
June	28,118,000
July	30,546,000
August	31,766,000
September	29,542,000
October	33,383,000
November	35,588,000
December	39,669,000
January 2022	39,362,000
February	34,103,000
March	34,233,000
Total	394,618,000

Total (Over)/Under Recovered Fuel Cost Adjustment
To Be Effective April 1, 2021 Through March 31, 2022 \$0.00003

**MONTANA - DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASE POWER COST SURCHARGE ADJUSTMENT
TO BE EFFECTIVE APRIL 1, 2021 THROUGH MARCH 31, 2022
SECONDARY**

(Over)/Under Recovered Electric Costs as of January 31, 2021 (Page 4) (\$572,536)

Less: Projected Recovery From Rates Already Established

	Volume	Rate	Amount
February	154,772,427	(\$0.00187)	(\$289,424)
March	155,730,000	(0.00187)	(291,215)
	310,502,427		(\$580,639)

Additional Recovery Required \$8,103

Projected Sales Volumes (Kwh)

April 2021	129,382,000	
May	128,119,000	
June	135,282,000	
July	157,001,000	
August	147,890,000	
September	131,474,000	
October	129,172,000	
November	144,360,000	
December	167,315,000	
January 2022	175,169,000	
February	162,386,000	
March	156,416,000	
 Total		1,763,966,000

Total (Over)/Under Recovered Fuel Cost Adjustment
To Be Effective April 1, 2021 through March 31, 2022 \$0.00000

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
FUEL AND PURCHASED POWER COST ACCOUNT BALANCE
PRIMARY**

	(Over)/Under Recovered 1/	Interest 2/	Total Additions	Actual Kwh Sales	Surcharge		Additions less Adjustment	Cumulative Balance
					Adjustment per Kwh	Adjustment Total		
Balance at January 31, 2020								(\$711,624)
February	(\$21,723)	(\$901)	(\$22,624)	30,648,195	\$0.00103	\$31,568	(\$54,192)	(\$765,816)
March	(117,682)	(185)	(117,867)	34,537,993	0.00103	35,574	(153,441)	(919,257)
April	(81,226)	(107)	(81,333)	31,555,985	(0.00195)	(2,733) 3/	(78,600)	(997,857)
May	4,783	(108)	4,675	24,494,327	(0.00195)	(47,764)	52,439	(945,418)
June	(39,998)	(126)	(40,124)	25,291,002	(0.00195)	(49,317)	9,193	(936,225)
July	38,674	(101)	38,573	28,807,499	(0.00195)	(56,175)	94,748	(841,477)
August	84,636	(70)	84,566	30,132,045	(0.00195)	(58,757)	143,323	(698,154)
September	(121,839)	(64)	(121,903)	31,422,154	(0.00195)	(61,273)	(60,630)	(758,784)
October	82,354	(63)	82,291	29,938,286	(0.00195)	(58,380)	140,671	(618,113)
November	135,830	(46)	135,784	29,578,139	(0.00195)	(57,677)	193,461	(424,652)
December	169,117	(32)	169,085	36,392,047	(0.00195)	(70,964)	240,049	(184,603)
January 2021	(304)	(12)	(316)	35,282,180	(0.00195)	(68,800)	68,484	(116,119)
	\$132,622	(\$1,815)	\$130,807	368,079,852		(\$464,698)	\$595,505	
Balance at January 31, 2021								(\$116,119)

1/ See page 5.

2/ Interest calculated at three-month Treasury Bill rate.

3/ Reflects 19,731,953 @ \$0.00103 per Kwh and 11,824,032 @ (\$0.00195) per Kwh.

**MONTANA - DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
FUEL AND PURCHASED POWER COST ACCOUNT BALANCE
SECONDARY**

	(Over)/Under Recovered 1/	Interest 2/	Total Additions	Actual Kwh Sales	Surcharge		Additions less Adjustment	Cumulative Balance
					Adjustment per Kwh	Adjustment Total		
Balance at January 31, 2020								(\$3,048,416)
February	(\$161,776)	(\$3,858)	(\$165,634)	154,579,881	\$0.00090	\$139,122	(\$304,756)	(\$3,353,172)
March	(566,117)	(809)	(566,926)	157,808,864	0.00090	142,028	(708,954)	(4,062,126)
April	(349,063)	(473)	(349,536)	138,891,058	(0.00187)	(17,890) 3/	(331,646)	(4,393,772)
May	56,473	(475)	55,998	108,544,101	(0.00187)	(202,977)	258,975	(4,134,797)
June	(143,085)	(550)	(143,635)	121,679,101	(0.00187)	(227,540)	83,905	(4,050,892)
July	212,110	(438)	211,672	148,064,173	(0.00187)	(276,880)	488,552	(3,562,340)
August	421,968	(296)	421,672	140,280,683	(0.00187)	(262,325)	683,997	(2,878,343)
September	(538,597)	(263)	(538,860)	139,842,277	(0.00187)	(261,505)	(277,355)	(3,155,698)
October	335,911	(262)	335,649	115,843,235	(0.00187)	(216,627)	552,276	(2,603,422)
November	562,528	(194)	562,334	119,979,571	(0.00187)	(224,362)	786,696	(1,816,726)
December	699,243	(135)	699,108	153,494,678	(0.00187)	(287,035)	986,143	(830,583)
January 2021	(35,508)	(55)	(35,563)	157,010,905	(0.00187)	(293,610)	258,047	(572,536)
	\$494,087	(\$7,808)	\$486,279	1,656,018,527		(\$1,989,601)	\$2,475,880	
Balance at January 31, 2021								(\$572,536)

1/ See page 6.

2/ Interest calculated at three-month Treasury Bill rate.

3/ Reflects 87,305,304 @ \$0.00090 per Kwh and 51,585,754 @ (\$0.00187) per Kwh.

MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
COMPUTATION OF (OVER)/UNDER RECOVERED FUEL AND PURCHASED POWER COST
PRIMARY

	February	March	April	May	June	July	August	September	October	November	December	2021 1/ January	Total
Fuel & Purchased Power Cost													
Accounts 501 Coal and 547 Gas	\$473,996	\$516,251	\$28,998	\$413,024	\$368,705	\$478,690	\$449,605	\$337,668	\$549,966	\$563,366	\$595,665	\$575,914	\$5,851,248
Account 502 Reagent	24,123	30,463	24,372	22,655	17,994	24,118	22,851	21,007	26,109	24,465	35,945	30,690	304,192
Account 502 Sand	3,347	3,575	4,928	3,343	3,970	4,135	4,482	2,820	4,439	4,862	5,091	4,855	49,847
Account 555 Energy	110,296	99,459	(9,511)	42,121	21,798	79,561	139,837	70,414	67,262	122,129	206,443	144,101	1,093,910
Accounts 555 Demand and 547 Pipeline Charges	21,911	21,938	21,924	21,964	27,360	27,417	27,402	27,345	21,985	21,947	21,970	22,023	285,186
Account 575 Market Adm.	5,338	4,572	7,096	5,073	4,859	4,074	4,799	4,159	6,384	6,303	6,926	5,729	65,312
Total F&PP Cost	\$639,011	\$676,258	\$577,207	\$508,180	\$444,086	\$617,995	\$648,976	\$463,413	\$676,145	\$743,072	\$872,040	\$783,312	\$7,649,695
Less:													
Wholesale Sales Revenue	\$10,866	\$4,725	\$8,841	\$811	(\$78)	\$1,420	\$251	\$3,222	\$13,319	\$31,408	\$15,244	\$18,290	\$108,319
Sales of RECs Revenue 2/	6,400	72,678	0	0	0	39,553	0	0	0	0	459	64,242	183,332
Total Revenue	\$17,266	\$77,403	\$8,841	\$811	(\$78)	\$40,973	\$251	\$3,222	\$13,319	\$31,408	\$15,703	\$82,532	\$291,651
Net System Cost	\$621,745	\$598,855	\$568,366	\$507,369	\$444,164	\$577,022	\$648,725	\$460,191	\$662,826	\$711,664	\$856,337	\$700,780	\$7,358,044
Kwh Retail Sales	30,648,195	34,537,993	31,555,985	24,494,327	25,291,002	28,807,499	30,132,045	31,422,154	29,938,286	29,578,139	36,392,047	35,282,180	368,079,852
Cost per Kwh	\$0.02029	\$0.01734	\$0.01801	\$0.02071	\$0.01756	\$0.02003	\$0.02153	\$0.01465	\$0.02214	\$0.02406	\$0.02353	\$0.01986	\$0.01999
Recovered through Rates	\$643,468	\$716,537	\$649,592	\$502,586	\$484,162	\$538,348	\$564,089	\$582,030	\$580,472	\$575,834	\$687,220	\$701,084	\$7,225,422
Total (Over)/Under Recovered	(\$21,723)	(\$117,682)	(\$81,226)	\$4,783	(\$39,996)	\$38,674	\$84,636	(\$121,839)	\$82,354	\$135,830	\$169,117	(\$304)	\$132,622

1/ Energy is allocated on Kwh sales at generation and demand and pipeline are allocated on Class Allocation Factor No. 2. Coincident Peak Demand from PU-16-666.
2/ North Dakota's portion is allocated between primary and secondary based on Kwh sales at generation.

MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - NORTH DAKOTA
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
COMPUTATION OF (OVER) UNDER RECOVERED FUEL AND PURCHASED POWER COST
SECONDARY

	February	March	April	May	June	July	August	September	October	November	December	2021 ^{1/} January	Total
Fuel & Purchased Power Cost													
Accounts 501 Coal and 547 Gas	\$2,416,895	\$2,384,779	\$2,351,289	\$1,850,412	\$1,793,417	\$2,487,435	\$2,116,179	\$1,519,305	\$2,151,455	\$2,310,359	\$2,540,048	\$2,591,101	\$26,512,774
Account 502 Reagent	123,006	140,722	108,453	101,497	84,604	125,327	107,555	94,518	102,137	100,330	153,277	138,079	1,379,505
Account 502 Sand	17,064	16,513	21,929	14,976	19,311	21,484	21,093	12,689	17,364	19,938	21,710	21,843	225,914
Account 555 Energy	562,418	459,442	(42,325)	188,709	106,025	413,428	658,177	316,820	263,125	500,850	890,316	648,327	4,955,312
Accounts 555 Demand and													
547 Pipeline Charges	201,445	201,689	201,567	201,929	251,542	252,064	251,922	251,401	202,123	201,770	201,982	202,469	2,621,903
Account 575 Market Adm.	27,219	21,122	31,578	22,730	23,635	21,172	22,588	18,712	24,972	25,848	29,532	25,777	294,885
Total F&PP Cost	\$3,348,147	\$3,224,267	\$2,672,491	\$2,380,253	\$2,278,534	\$3,320,910	\$3,177,514	\$2,213,445	\$2,761,176	\$3,159,095	\$3,826,865	\$3,627,596	\$35,990,293
Less:													
Wholesale Sales Revenue	\$55,406	\$21,829	\$39,343	\$3,634	(\$379)	\$7,377	\$1,179	\$14,498	\$52,106	\$128,803	\$65,006	\$82,287	\$471,089
Sales of RECs Revenue 2/	32,635	335,727	0	0	0	205,531	0	0	0	0	1,955	289,032	864,880
Total Revenue	\$88,041	\$357,556	\$39,343	\$3,634	(\$379)	\$212,908	\$1,179	\$14,498	\$52,106	\$128,803	\$66,961	\$371,319	\$1,335,969
Net System Cost	\$3,260,106	\$2,866,711	\$2,633,148	\$2,376,619	\$2,278,913	\$3,108,002	\$3,176,335	\$2,198,947	\$2,709,070	\$3,030,292	\$3,759,904	\$3,256,277	\$34,654,324
Kwh Retail Sales	154,579,881	157,808,864	138,891,058	108,544,101	121,679,101	148,064,173	140,280,683	139,842,277	115,843,235	119,979,571	153,494,678	157,010,905	1,656,018,527
Cost per Kwh	\$0.02109	\$0.01817	\$0.01896	\$0.02190	\$0.01873	\$0.02099	\$0.02264	\$0.01572	\$0.02339	\$0.02526	\$0.02450	\$0.02074	\$0.02093
Recovered through Rates	\$3,421,882	\$3,432,828	\$2,982,211	\$2,320,146	\$2,421,998	\$2,895,892	\$2,754,367	\$2,737,544	\$2,373,159	\$2,467,764	\$3,060,661	\$3,291,785	\$34,160,237
Total (Over)/Under Recovered	(\$161,776)	(\$566,117)	(\$349,063)	\$56,473	(\$143,085)	\$212,110	\$421,968	(\$538,597)	\$335,911	\$662,528	\$699,243	(\$35,508)	\$494,087

1/ Energy is allocated on Kwh sales at generation and demand and pipeline are allocated on Class Allocation Factor No. 2, Coincident Peak Demand from PU-16-566.
2/ North Dakota's portion is allocated between primary and secondary based on Kwh sales at generation.

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM
FUEL AND PURCHASED POWER COST SURCHARGE ADJUSTMENT
FUEL AND PURCHASED POWER COST**

	2020												2021												Total
	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	
Fuel & Purchased Power Cost																									
Accounts 501 Coal and 547 Gas	\$4,115,472	\$4,138,266	\$4,106,620	\$3,198,977	\$3,073,498	\$4,184,196	\$3,662,909	\$2,650,507	\$3,914,931	\$4,062,147	\$4,452,819	\$4,492,842	\$4,062,147	\$4,138,266	\$4,106,620	\$3,198,977	\$3,073,498	\$4,184,196	\$3,662,909	\$2,650,507	\$3,914,931	\$4,062,147	\$4,452,819	\$4,492,842	\$46,053,184
Account 502 Reagent	209,446	244,192	189,417	175,468	144,992	210,816	186,167	164,892	185,856	176,403	268,701	239,422	176,403	209,446	189,417	175,468	144,992	210,816	186,167	164,892	185,856	176,403	268,701	239,422	2,395,772
Account 502 Sand	29,056	28,655	38,300	25,891	33,084	36,140	36,511	22,137	31,597	35,066	38,059	37,875	35,066	29,056	38,300	25,891	33,084	36,140	36,511	22,137	31,597	35,066	38,059	37,875	392,371
Account 555 Energy	957,843	797,262	(73,921)	326,239	181,703	695,440	1,139,243	552,709	478,801	880,610	1,543,235	1,124,167	880,610	957,843	(73,921)	326,239	181,703	695,440	1,139,243	552,709	478,801	880,610	1,543,235	1,124,167	8,603,131
Accounts 555 Demand and 547 Pipeline Charges	314,626	315,008	314,817	315,383	392,870	393,686	393,465	392,650	315,686	315,134	315,465	315,908	315,134	314,626	314,817	315,383	392,870	393,686	393,465	392,650	315,686	315,134	315,465	315,908	4,094,698
Account 575 Market Admin.	46,347	36,652	55,151	39,295	40,505	35,614	39,098	32,845	45,442	45,447	51,772	44,696	45,447	46,347	55,151	39,295	40,505	35,614	39,098	32,845	45,442	45,447	51,772	44,696	512,664
Total F&PP Cost	\$5,672,590	\$5,560,035	\$4,630,384	\$4,081,253	\$3,866,662	\$5,555,892	\$5,457,393	\$3,815,540	\$4,972,313	\$5,514,797	\$6,670,051	\$6,254,910	\$5,514,797	\$5,672,590	\$4,630,384	\$4,081,253	\$3,866,662	\$5,555,892	\$5,457,393	\$3,815,540	\$4,972,313	\$5,514,797	\$6,670,051	\$6,254,910	\$62,051,820
Less:																									
Wholesale Sales Revenue	\$94,341	\$37,879	\$68,714	\$6,282	(\$650)	\$12,409	\$2,042	\$25,292	\$94,814	\$226,466	\$113,958	\$142,682	\$226,466	\$94,341	\$68,714	\$6,282	(\$650)	\$12,409	\$2,042	\$25,292	\$94,814	\$226,466	\$113,958	\$142,682	\$824,229
Sale of RECS Revenue	41,809	437,428	0	0	0	262,500	0	0	0	0	3,400	378,000	0	41,809	437,428	0	0	262,500	0	0	0	0	3,400	378,000	1,123,137
Total Revenue	\$136,150	\$475,307	\$68,714	\$6,282	(\$650)	\$274,909	\$2,042	\$25,292	\$94,814	\$226,466	\$117,358	\$520,682	\$226,466	\$136,150	\$475,307	\$6,282	(\$650)	\$274,909	\$2,042	\$25,292	\$94,814	\$226,466	\$117,358	\$520,682	\$1,947,366
Net System Cost	\$5,536,440	\$5,084,728	\$4,561,670	\$4,074,971	\$3,867,312	\$5,280,983	\$5,455,351	\$3,790,248	\$4,877,499	\$5,288,331	\$6,552,693	\$5,734,228	\$5,288,331	\$5,536,440	\$4,561,670	\$4,074,971	\$3,867,312	\$5,280,983	\$5,455,351	\$3,790,248	\$4,877,499	\$5,288,331	\$6,552,693	\$5,734,228	\$60,104,454
Kwh Retail Sales	265,009,229	275,553,260	244,198,262	189,095,743	210,075,314	250,746,610	244,549,289	245,590,042	212,364,838	212,542,530	270,936,656	274,114,316	212,542,530	265,009,229	275,553,260	244,198,262	189,095,743	210,075,314	244,549,289	245,590,042	212,364,838	212,542,530	270,936,656	274,114,316	2,894,776,089
Cost Per Kwh	\$0.02089	\$0.01845	\$0.01868	\$0.02155	\$0.01841	\$0.02106	\$0.02231	\$0.01543	\$0.02297	\$0.02488	\$0.02419	\$0.02092	\$0.02488	\$0.02089	\$0.01845	\$0.01868	\$0.02155	\$0.02106	\$0.02231	\$0.01543	\$0.02297	\$0.02488	\$0.02419	\$0.02092	\$0.02076

ELECTRIC UTILITY - NORTH DAKOTA

	2020 1/												2021 1/												Total
	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	
Fuel & Purchased Power Cost																									
Accounts 501 Coal and 547 Gas	\$2,890,991	\$2,901,030	\$2,879,687	\$2,263,436	\$2,162,122	\$2,966,125	\$2,565,784	\$1,856,973	\$2,701,421	\$2,873,725	\$3,135,713	\$3,167,015	\$2,873,725	\$2,890,991	\$2,901,030	\$2,263,436	\$2,162,122	\$2,966,125	\$2,565,784	\$1,856,973	\$2,701,421	\$2,873,725	\$3,135,713	\$3,167,015	\$32,364,022
Account 502 Reagent	147,129	171,185	132,825	124,152	101,998	149,445	130,406	115,525	128,246	124,795	189,222	168,769	124,795	147,129	171,185	132,825	124,152	101,998	149,445	130,406	115,525	128,246	189,222	168,769	1,683,697
Account 502 Sand	20,411	20,088	28,857	18,319	23,281	25,619	25,575	15,509	21,803	24,800	26,801	26,698	24,800	20,411	20,088	28,857	18,319	23,281	25,619	25,575	21,803	24,800	26,801	26,698	275,761
Account 555 Energy	672,714	558,901	(51,836)	230,830	127,823	492,989	798,014	387,234	330,387	622,979	1,086,759	792,428	622,979	672,714	558,901	(51,836)	230,830	492,989	798,014	387,234	330,387	622,979	1,086,759	792,428	6,049,222
Accounts 555 Demand and 547 Pipeline Charges	223,356	223,627	223,491	223,893	278,902	279,481	279,324	278,746	224,108	223,717	223,952	224,492	223,717	223,356	223,627	223,893	278,902	279,481	279,324	278,746	224,108	223,717	223,952	224,492	2,907,089
Account 575 Market Admin.	32,557	25,694	38,674	27,803	28,494	25,246	27,387	22,871	31,356	32,151	36,458	31,506	32,151	32,557	25,694	38,674	27,803	28,494	25,246	27,387	31,356	32,151	36,458	31,506	360,197
Total F&PP Cost	\$3,987,158	\$3,990,525	\$3,249,698	\$2,888,433	\$2,722,620	\$3,938,905	\$3,826,490	\$2,676,858	\$3,437,321	\$3,902,167	\$4,698,905	\$4,410,908	\$3,902,167	\$3,987,158	\$3,990,525	\$3,249,698	\$2,888,433	\$3,938,905	\$3,826,490	\$2,676,858	\$3,437,321	\$3,902,167	\$4,698,905	\$4,410,908	\$43,639,988
Less:																									
Wholesale Sales Revenue	\$66,272	\$26,554	\$48,184	\$4,445	(\$457)	\$8,797	\$1,430	\$17,720	\$65,425	\$160,211	\$80,250	\$100,577	\$160,211	\$66,272	\$26,554	\$4,445	(\$457)	\$8,797	\$1,430	\$17,720	\$65,425	\$160,211	\$80,250	\$100,577	\$579,408
Sale of RECS Revenue	39,035	408,405	0	0	0	245,084	0	0	0	0	2,414	353,274	0	39,035	408,405	0	0	245,084	0	0	0	0	2,414	353,274	1,048,212
Total Revenue	\$105,307	\$434,959	\$48,184	\$4,445	(\$457)	\$253,881	\$1,430	\$17,720	\$65,425	\$160,211	\$82,664	\$453,851	\$160,211	\$105,307	\$434,959	\$48,184	\$4,445	(\$457)	\$253,881	\$1,430	\$17,720	\$65,425	\$82,664	\$453,851	\$1,627,620
Net System Cost	\$3,881,851	\$3,465,566	\$3,201,514	\$2,883,988	\$2,723,077	\$3,685,024	\$3,825,060	\$2,659,138	\$3,371,896	\$3,741,956	\$4,616,241	\$3,957,057	\$3,741,956	\$3,881,851	\$3,465,566	\$3,201,514	\$2,883,988	\$3,685,024	\$3,825,060	\$2,659,138	\$3,371,896	\$3,741,956	\$4,616,241	\$3,957,057	\$42,012,368
Kwh Retail Sales	185,228,076	192,346,857	170,447,043	133,038,428	146,970,103	176,871,672	170,412,728	171,264,431	145,781,521	149,557,710	189,886,725	192,293,085	149,557,710	185,228,076	192,346,857	170,447,043	133,038,428	146,970,103	176,871,672	171,264,431	145,781,521	149,557,710	189,886,725	192,293,085	2,024,098,379
Cost Per Kwh	\$0.02096	\$0.01802	\$0.01878	\$0.02168	\$0.01853	\$0.02063	\$0.02245	\$0.01553	\$0.02313	\$0.02502	\$0.02431	\$0.02058	\$0.02502	\$0.02096	\$0.01802	\$0.01878	\$0.02168	\$0.01853	\$0.02063	\$0.02245	\$0.02313	\$0.02502	\$0.02431	\$0.02058	\$0.02076

1/ Energy is allocated on Kwh sales and demand and pipeline are allocated on Allocation Factor No. 15, Integrated System 12 Month Peak Demand.