



A Subsidiary of MDU Resources Group, Inc.

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March 15, 2024

Executive Secretary
North Dakota Public Service Commission
600 E Boulevard Ave, Dept 408
Bismarck, ND 58505-0480

**RE: Fuel and Purchased Power Adjustment
Case No. PU-24-010
April 2024**

Montana-Dakota Utilities Co. (Montana-Dakota) herewith electronically submits its Fuel and Purchased Power (F&PP) adjustment to the North Dakota Public Service Commission (Commission) pursuant to the terms of the Rate 58 tariff.

On October 24, 2023, the Commission approved Montana-Dakota's request for a monthly filing requirement waiver of its F&PP adjustment until March 31, 2024, due to higher costs from the Regional Transmission Organizations (RTO's) in which Montana-Dakota participates. The increased costs were largely the result of congestion in Midcontinent Independent System Operator's (MISO) and Southwest Power Pool's (SPP) footprint. Montana-Dakota has been actively tracking and reporting to the Commission on a monthly basis the status of the under collected balance.

On February 26, 2024, Montana-Dakota submitted an additional request to the Commission for approval of a second F&PP tariff waiver. Montana-Dakota requested the language in Section 4 Surcharge Adjustment be waived to allow for recovery over twenty-four months rather than twelve months as stated in the tariff. Montana-Dakota has filed a Complaint with the Federal Energy Regulatory Commission (FERC) against MISO and SPP in FERC Docket No. EL24-61-000. The Complaint is pending before FERC and Montana-Dakota expects it to take some time for resolution. If the Company is successful and does get the recovery requested, an extension to twenty-four months will allow the Company the ability to recover a portion of the deferred balance without over-recovering proceeds from the Complaint.

Montana-Dakota now resumes its monthly F&PP filing and has prepared its annual surcharge based on a twenty-four month recovery.

Exhibit A, page 1 summarizes the fuel and purchased power adjustment calculated pursuant to the terms of Rate 58 that will apply during the month of April 2024.

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, Page 1 shows the calculation of the surcharge adjustment over the projected volumes of twenty-four months that will be applicable to Montana-Dakota’s customers from April 1, 2024 through March 31, 2026. The total surcharge is 0.798 cents per kWh for primary service customers and 0.713 cents per kWh for secondary service customers.

Absent a twenty-four month recovery as requested in the waiver, the surcharge adjustment noted above would be 1.600 cents per kWh for primary service customers and 1.429 cents per kWh for secondary service customers.

This annual filing also includes the benefit related to the margin sharing credit (margin sharing) for a High Density Contracted Demand Response Rate 45 (Rate 45) customer that Montana-Dakota began serving in March 2023. The margin sharing was approved by this Commission as a credit to be returned via Rate 58 in the Electric Service Agreement, Case No. PU-22-371, Order point number 2. The margin sharing credit for primary service customers is \$412,230 and \$1,504,036 for secondary service customers and is an offset to the total under collected balance, as shown on Exhibit B, pages 3 through 4.

The net effect of this F&PP adjustment is an increase of 1.752 cents per kWh for primary service customers and an increase of 1.649 cents per kWh for secondary service customers for service rendered in the month of April 2024 from current effective rates as shown below. The increase was the result of the higher energy costs due to congestion within the MISO and SPP footprint in which Montana-Dakota participates, as previously mentioned.

	Primary	Secondary
F&PP Effective April 1, 2024	\$0.04539	\$0.04535
F&PP Effective October 1, 2023	0.02787	0.02886
Change	\$0.01752	\$0.01649

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 may be affected by this proposal. There were 94,025 electric customers in North Dakota as of February 29, 2024.

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 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

Attachments

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC INTEGRATED SYSTEM - NORTH DAKOTA
FUEL AND PURCHASED POWER ADJUSTMENT
APRIL 2024 ADJUSTMENT**

	<u>Primary</u>	<u>Secondary</u>
Current Cost of Fuel (Page 2)	\$0.03741	\$0.03822
Prior Cost of Fuel	0.03006	0.03098
Change in Cost of Fuel	<u>\$0.00735</u>	<u>\$0.00724</u>
 <u>Surcharge Adjustment</u>		
Current Adjustment	\$0.00798	\$0.00713
Prior Adjustment	<u>(0.00219)</u>	<u>(0.00212)</u>
Change in Surcharge Adjustment	<u>\$0.01017</u>	<u>\$0.00925</u>
 Cost of Fuel	 \$0.03741	 \$0.03822
Surcharge Adjustment	<u>0.00798</u>	<u>0.00713</u>
Total	<u><u>\$0.04539</u></u>	<u><u>\$0.04535</u></u>

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

	Total 1/	Allocation to 2/ North Dakota	Allocation to 3/	
			Primary	Secondary
Fuel & Purchased Power Cost				
Accounts 501 Coal and 547 Gas	\$9,327,213	\$6,689,966	\$1,354,943	\$5,335,023
Account 502 Reagent	476,296	341,624	69,190	272,434
Account 555 Energy	32,420,942	23,253,998	4,709,718	18,544,280
Accounts 555 Demand and 547 Pipeline Charges	1,523,685	1,108,318	172,115	936,203
Account 575 Market Admin.	165,829	118,941	24,090	94,851
Total F&PP Cost	<u>\$43,913,965</u>	<u>\$31,512,847</u>	<u>\$6,330,056</u>	<u>\$25,182,791</u>
Less:				
Wholesale Sales Revenue	\$820,798	\$588,719	\$119,235	\$469,484
Sale of RECs Revenue	407	292	59	233
Rate 45 Margin Sharing 4/	2,220,338	2,220,338	449,693	1,770,645
Total Revenue	<u>\$3,041,543</u>	<u>\$2,809,349</u>	<u>\$568,987</u>	<u>\$2,240,362</u>
Net System Cost	\$40,872,422	\$28,703,498	\$5,761,069	\$22,942,429
kWh Retail Sales	1,051,573,450	754,243,569	<u>153,989,475</u>	<u>600,254,094</u>
Cost Per kWh	\$0.03887	\$0.03806	<u><u>\$0.03741</u></u>	<u><u>\$0.03822</u></u>

1/ Page 3.

2/ Energy is allocated on kWh sales, demand and pipeline are allocated on Allocation Factor No. 15, Integrated System 12 Month Peak Demand, and RECs revenue is allocated on Allocation Factor No. 271, Integrated Peak Energy.

3/ Energy, wholesale sales, and RECs revenue are allocated on kWh sales at generation. Demand and pipeline are allocated on Class Allocation Factor No. 2, Coincident Peak Demand from Case No. PU-22-194.

4/ Case No. PU-22-371.

Factor No. 15 ND	72.739303%
Factor No. 2 Primary	15.529398%
Factor No. 2 Secondary	84.470602%

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

	2023		2024		Total
	November	December	January	February	
Fuel & Purchased Power Cost					
Accounts 501 Coal and 547 Gas	\$2,049,671	\$2,348,487	\$2,984,588	\$1,944,467	\$9,327,213
Account 502 Reagent	122,934	114,698	155,116	83,548	476,296
Account 555 Energy 1/ Accounts 555 Demand and 547 Pipeline Charges	6,510,478	6,543,039	13,181,152	6,186,273	32,420,942
Account 575 Market Admin.	347,582	371,729	440,462	363,912	1,523,685
Total F&PP Cost	<u>\$9,069,325</u>	<u>\$9,419,952</u>	<u>\$16,798,578</u>	<u>\$8,626,110</u>	<u>\$43,913,965</u>
Less:					
Wholesale Sales Revenue	\$173,474	\$219,410	\$206,712	\$221,202	\$820,798
Sale of RECs Revenue	0	0	0	407	407
Total Revenue	<u>\$173,474</u>	<u>\$219,410</u>	<u>\$206,712</u>	<u>\$221,609</u>	<u>\$821,205</u>
Net System Cost	\$8,895,851	\$9,200,542	\$16,591,866	\$8,404,501	\$43,092,760
kWh Retail Sales	217,194,061	261,066,867	310,340,074	262,972,448	<u>1,051,573,450</u>
Cost Per kWh	\$0.04096	\$0.03524	\$0.05346	\$0.03196	<u><u>\$0.04098</u></u>

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

Account No.	Account Description	2023		2024	
		November	December	January	February
	<u>Midcontinent Independent System Operator (MISO)</u>				
555.111	Day-Ahead Asset Energy	\$5,088,881	\$4,016,981	\$7,904,606	\$3,211,540
555.114	Real-Time Asset Energy	(299,900)	(243,280)	(859,003)	(219,635)
555.117	Real-Time Excessive Energy	84	435	293	264
555.118	Real-Time Non-Excessive Energy	(284,086)	(591,968)	(596,672)	(144,868)
555.1212	Day-Ahead Financial Bilateral Congestion Loss	924,512	350,339	313,342	153,845
555.1230	Revenue Rights Transaction	(1,122,523)	(954,093)	(954,093)	(954,093)
555.1232	Revenue Rights Infeasible Uplift	2,054	4,446	4,446	4,446
555.1233	Revenue Rights Stage 2 Distribution	(119,735)	(125,531)	(125,531)	(125,531)
555.1234	Auction Revenue Rights Real-Time MVP Distribution	(3,401)	(31,520)	(40)	(23,569)
555.132	Day-Ahead Financial Bilateral Transaction Loss	26,930	23,159	40,564	18,384
555.135	Real-Time Asset Loss	28,318	13,078	454,273	112,289
555.136	Real-Time Distribution of Loss	(48,072)	(78,333)	(189,821)	(51,875)
555.152	Day-Ahead Rev Suff Guarantee Make Whole Pmt	(176)	(78)	(1,686)	0
555.153	Real-Time Miscellaneous	(5)	(1,041)	2,979	(179,431)
555.154	Real-Time Net Inadvertent Distribution	(1,108)	(5,358)	1,150	1,239
555.155	Real-Time Revenue Neutrality Uplift	166,007	68,590	149,116	47,500
555.156	Real-Time Rev Suff Guarantee First Pass Distribution	333	1,218	6,727	657
555.157	Real-Time Rev Suff Guarantee Make Whole Payment	0	0	(57,481)	0
555.159	Day-Ahead Schedule 24	5,409	5,008	6,292	4,710
555.160	Real-Time Schedule 24	935	989	1,019	961
555.162	Real-Time Price Volatility Make Whole Payment	(22,919)	(9,909)	(26,936)	(25,509)
555.164	Real-Time Schedule 49	17,966	19,463	20,750	2,534
555.1701	Day-Ahead Spinning Reserve Amount	(13,918)	(10,281)	(2,203)	(6,955)
555.1703	Day-Ahead Ramp Capability	(2,889)	(887)	(543)	(1,209)
555.1704	Day-Ahead Short Term Reserve Amount	(2,040)	(1,140)	(6,775)	(1,009)
555.1710	Real-Time Net Regulation Adjustment	(25)	0	0	0
555.1711	Real-Time Excessive Deficient Energy Deployment	86	16	16	39
555.1713	Real-Time Regulation Amount	(137)	0	0	0
555.1714	Real-Time Spinning Reserve Amount	(4,859)	(2,033)	(1,423)	(1,047)
555.1715	Real-Time Supplemental Reserve Amount	0	0	(1)	0
555.1716	Real-Time Regulation Cost Distribution	12,048	9,531	6,745	8,350
555.1717	Real-Time Spinning Reserve Cost Distribution Amount	11,635	9,344	8,442	6,444
555.1718	Real-Time Supplemental Reserve Cost Distribution	823	566	1,336	892
555.1719	Real-Time Demand Response Allocation Uplift	219	1,014	687	133
555.1720	Real-Time Ramp Capability	(764)	(344)	(139)	(909)
555.1721	Real-Time Short Term Cost Distribution Amount	5,003	2,165	44,220	1,741
555.1723	Real-Time Short Term Reserve Amount	(187)	(61)	(591)	(42)
	<u>Southwest Power Pool (SPP)</u>				
555.185	Real-Time Asset Losses	65,871	168,732	312,710	279,336
555.186	Real-Time Over Collected Losses	(36,236)	(107,073)	(120,160)	(225,867)
555.1915	Real-Time Asset Congestion	1,029,594	2,995,703	5,817,485	3,427,282
555.1920	Auction Revenue Rights-Daily	(187,046)	(304,400)	(295,127)	(389,493)
	<u>Other</u>				
555.X	Purchased Power	1,273,694	1,319,433	1,322,104	1,254,544
555.5	Purchased Power Cogeneration	102	159	75	185
	Total Account 555 Energy	\$6,510,478	\$6,543,039	\$13,181,152	\$6,186,273

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

(Over)/Under Recovered Electric Costs as of January 31, 2024 (Page 3) \$7,141,711

Less: Projected Recovery From Rates Already Established

	Volume	Rate	Amount
February 1/	35,105,885	(\$0.00219)	(\$76,882)
March	36,015,000	(0.00219)	(78,873)
	71,120,885		(\$155,755)

Additional Recovery Required \$7,297,466

Projected Sales Volumes (kWh)

April	32,327,000	
May	33,386,000	
June	35,350,000	
July	41,242,000	
August	38,979,000	
September	36,926,000	
October	40,975,000	
November	38,820,000	
December	43,582,000	
January 2025	41,763,000	
February	36,680,000	
March	36,150,000	
April	32,450,000	
May	33,515,000	
June	35,485,000	
July	41,397,000	
August	39,127,000	
September	37,068,000	
October	41,131,000	
November	38,966,000	
December	43,765,000	
January 2026	41,948,000	
February	36,841,000	
March	36,307,000	
Total		<u><u>914,180,000</u></u>

Total (Over)/Under Recovered Fuel Cost Adjustment \$0.00798

To Be Effective April 1, 2024 through March 31, 2026.

1/ Based on actual volumes.

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

(Over)/Under Recovered Electric Costs as of January 31, 2024 (Page 4) \$23,212,417

Less: Projected Recovery From Rates Already Established

	Volume	Rate	Amount
February 1/	153,087,081	(\$0.00212)	(\$324,545)
March	152,334,000	(0.00212)	(322,948)
	305,421,081		(\$647,493)

Additional Recovery Required \$23,859,910

Projected Sales Volumes (kWh)

April	124,467,000
May	119,435,000
June	125,206,000
July	144,271,000
August	139,230,000
September	119,917,000
October	119,771,000
November	140,479,000
December	158,485,000
January 2025	166,154,000
February	159,949,000
March	152,905,000
April	124,940,000
May	119,894,000
June	125,683,000
July	144,815,000
August	139,758,000
September	120,380,000
October	120,227,000
November	141,007,000
December	159,150,000
January 2026	166,887,000
February	160,655,000
March	153,569,000
Total	<u><u>3,347,234,000</u></u>

Total (Over)/Under Recovered Fuel Cost Adjustment \$0.00713

To Be Effective April 1, 2024 through March 31, 2026.

1/ Based on actual volumes.

**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/	Adjustments	Interest 2/	Total Additions	Actual Kwh Sales	Surcharge		Additions less Adjustment	Cumulative Balance
						Adjustment per kWh	Adjustment Total		
Balance at January 31, 2023									(\$732,534)
February	(\$388,761)	\$0	(\$2,791)	(\$391,552)	36,531,832	\$0.00300	\$109,595	(\$501,147)	(\$1,233,681)
March	(1,961)	0	(4,763)	(6,724)	41,306,545	0.00300	123,920	(130,644)	(1,364,325)
April	157,331	0	(5,512)	151,819	35,689,936	(0.00219)	51,443 3/	100,376	(1,263,949)
May	151,340	0	(5,305)	146,035	34,443,561	(0.00219)	(75,431)	221,466	(1,042,483)
June	(336,299)	0	(4,351)	(340,650)	39,116,841	(0.00219)	(85,666)	(254,984)	(1,297,467)
July	308,773	0	(5,523)	303,250	36,577,790	(0.00219)	(80,105)	383,355	(914,112)
August	1,215,407	0	(3,858)	1,211,549	42,701,676	(0.00219)	(93,517)	1,305,066	390,954
September	2,426,898	0	1,459	2,428,357	40,519,615	(0.00219)	(88,738)	2,517,095	2,908,049
October	2,680,362	0	9,928	2,690,290	41,406,993	(0.00219)	(90,681)	2,780,971	5,689,020
November	339,349	0	18,998	358,347	33,463,985	(0.00219)	(73,286)	431,633	6,120,653
December	181,160	0	20,252	201,412	40,258,089	(0.00219)	(88,165)	289,577	6,410,230
January 2024	1,023,747	0	21,060	1,044,807	45,161,516	(0.00219)	(98,904)	1,143,711	7,553,941
Rate 45 Margin Sharing		(412,230) 4/		(412,230)				(412,230)	7,141,711
	<u>\$7,757,346</u>	<u>(\$412,230)</u>	<u>\$39,594</u>	<u>\$7,384,710</u>	<u>467,178,379</u>		<u>(\$489,535)</u>	<u>\$7,874,245</u>	
Balance at January 31, 2024									<u>\$7,141,711</u>

1/ See page 5.

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

3/ Reflects 24,971,874 kWh at \$0.00300 and 10,718,062 kWh at (\$0.00219).

4/ High Density Contracted Demand Rate 45 Margin Sharing agreement in Case No. PU-22-371.

**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/	Adjustments	Interest 2/	Total Additions	Actual Kwh Sales	Surcharge		Additions less Adjustment	Cumulative Balance
						Adjustment per kWh	Adjustment Total		
Balance at January 31, 2023									(\$2,578,056)
February	(\$1,656,426)	\$0	(\$9,829)	(\$1,666,255)	147,010,601	\$0.00320	\$470,434	(\$2,136,689)	(\$4,714,745)
March	(60,531)	0	(18,226)	(78,757)	174,713,631	0.00320	559,084	(637,841)	(5,352,586)
April	730,660	0	(21,661)	708,999	137,413,481	(0.00212)	270,064 3/	438,935	(4,913,651)
May	561,312	0	(20,656)	540,656	123,216,948	(0.00212)	(261,220)	801,876	(4,111,775)
June	(1,095,836)	0	(17,200)	(1,113,036)	138,547,274	(0.00212)	(293,720)	(819,316)	(4,931,091)
July	1,117,328	0	(21,009)	1,096,319	127,956,348	(0.00212)	(271,267)	1,367,586	(3,563,505)
August	4,418,689	0	(15,076)	4,403,613	152,526,359	(0.00212)	(323,356)	4,726,969	1,163,464
September	7,993,967	0	4,453	7,998,420	131,589,329	(0.00212)	(278,969)	8,277,389	9,440,853
October	7,893,865	0	32,301	7,926,166	121,035,384	(0.00212)	(256,595)	8,182,761	17,623,614
November	1,234,917	0	58,938	1,293,855	121,096,912	(0.00212)	(256,725)	1,550,580	19,174,194
December	646,936	0	63,527	710,463	146,396,676	(0.00212)	(310,361)	1,020,824	20,195,018
January 2024	4,074,094	0	66,433	4,140,527	179,673,425	(0.00212)	(380,908)	4,521,435	24,716,453
Rate 45 Margin Sharing		(1,504,036) 4/		(1,504,036)				(1,504,036)	23,212,417
	<u>\$25,858,975</u>	<u>(\$1,504,036)</u>	<u>\$101,995</u>	<u>\$24,456,934</u>	<u>1,701,176,368</u>		<u>(\$1,333,539)</u>	<u>\$25,790,473</u>	
Balance at January 31, 2024									<u>\$23,212,417</u>

1/ See page 6.

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

3/ Reflects 116,646,812 kWh at \$0.00320 and 48,682,009 kWh at (\$0.00212).

4/ High Density Contracted Demand Rate 45 Margin Sharing agreement in Case No. PU-22-371.

**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**

	2023 1/											2024 1/	Total
	February	March	April	May	June	July	August	September	October	November	December	January	
Fuel & Purchased Power Cost													
Accounts 501 Coal and 547 Gas	\$238,976	\$350,546	\$255,595	\$361,775	\$382,539	\$442,584	\$431,794	\$435,262	\$428,280	\$313,318	\$359,300	\$430,842	\$4,430,811
Account 502 Reagent	8,919	16,342	11,662	15,257	14,703	20,278	20,096	23,904	14,318	18,792	17,548	22,392	204,211
Account 555 Energy	160,143	567,507	692,391	506,864	62,754	548,055	1,663,645	2,887,431	3,423,938	995,209	1,001,034	1,902,775	14,411,746
Accounts 555 Demand and 547 Pipeline Charges	19,540	18,823	18,475	17,555	30,278	52,845	50,305	45,751	37,618	37,942	40,578	49,754	419,464
Account 575 Market Admin.	6,455	4,714	6,881	5,922	6,607	5,906	5,886	5,313	8,439	5,910	6,426	5,379	73,838
Total F&PP Cost	\$434,033	\$957,932	\$985,004	\$907,373	\$496,881	\$1,069,668	\$2,171,726	\$3,397,661	\$3,912,593	\$1,371,171	\$1,424,886	\$2,411,142	\$19,540,070
Less:													
Wholesale Sales Revenue	\$4,546	\$5,965	\$5,052	\$23,722	\$6,158	\$14,056	\$28,373	\$45,180	\$49,122	\$26,518	\$33,568	\$29,840	\$272,100
Sales of RECs Revenue	105,583	4,812	0	0	0	0	0	0	117,741	0	0	0	228,136
Total Revenue	\$110,129	\$10,777	\$5,052	\$23,722	\$6,158	\$14,056	\$28,373	\$45,180	\$166,863	\$26,518	\$33,568	\$29,840	\$500,236
Net System Cost	\$323,904	\$947,155	\$979,952	\$883,651	\$490,723	\$1,055,612	\$2,143,353	\$3,352,481	\$3,745,730	\$1,344,653	\$1,391,318	\$2,381,302	\$19,039,834
kWh Retail Sales	36,531,832	41,306,545	35,689,936	34,443,561	39,116,841	36,577,790	42,701,676	40,519,615	41,406,993	33,463,985	40,258,089	45,161,516	467,178,379
Cost per kWh	\$0.00887	\$0.02293	\$0.02746	\$0.02566	\$0.01255	\$0.02886	\$0.05019	\$0.08274	\$0.09046	\$0.04018	\$0.03456	\$0.05273	\$0.04075
Recovered through Rates	\$712,665	\$949,116	\$822,621	\$732,311	\$827,022	\$746,839	\$927,946	\$925,583	\$1,065,368	\$1,005,304	\$1,210,158	\$1,357,555	\$11,282,488
Total (Over)/Under Recovered	(\$388,761)	(\$1,961)	\$157,331	\$151,340	(\$336,299)	\$308,773	\$1,215,407	\$2,426,898	\$2,680,362	\$339,349	\$181,160	\$1,023,747	\$7,757,346

1/ Energy, wholesale sales, and RECs revenue are allocated on kWh sales at generation. Demand and pipeline are allocated on Class Allocation Factor No. 2, Coincident Peak Demand from PU-16-666 through June 2023 and PU-22-194 effective July 1, 2023.

**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**

	2023 1/											2024 1/	Total
	February	March	April	May	June	July	August	September	October	November	December	January	
Fuel & Purchased Power Cost													
Accounts 501 Coal and 547 Gas	\$972,266	\$1,499,015	\$994,919	\$1,308,437	\$1,369,819	\$1,563,907	\$1,557,928	\$1,427,831	\$1,264,556	\$1,145,281	\$1,319,795	\$1,731,430	\$16,155,184
Account 502 Reagent	36,289	69,880	45,394	55,178	52,651	71,656	72,509	78,415	42,277	68,691	64,458	89,986	747,384
Account 555 Energy	651,534	2,426,787	2,695,178	1,833,185	224,712	1,936,600	6,002,495	9,471,921	10,109,638	3,637,815	3,677,037	7,646,696	50,313,598
Accounts 555 Demand and 547 Pipeline Charges	179,649	173,048	169,858	161,391	278,362	287,442	273,628	248,861	204,620	206,382	220,720	270,635	2,674,596
Account 575 Market Admin.	26,264	20,158	26,787	21,417	23,660	20,871	21,235	17,430	24,916	21,601	23,602	21,615	269,556
Total F&PP Cost	\$1,866,002	\$4,188,888	\$3,932,136	\$3,379,608	\$1,949,204	\$3,880,476	\$7,927,795	\$11,244,458	\$11,646,007	\$5,079,770	\$5,305,612	\$9,760,362	\$70,160,318
Less:													
Wholesale Sales Revenue	\$18,496	\$25,507	\$19,665	\$85,795	\$22,049	\$49,666	\$102,371	\$148,210	\$145,038	\$96,931	\$123,303	\$119,919	\$956,950
Sales of RECs Revenue	429,558	20,578	0	0	0	0	0	0	347,648	0	0	0	797,784
Total Revenue	\$448,054	\$46,085	\$19,665	\$85,795	\$22,049	\$49,666	\$102,371	\$148,210	\$492,686	\$96,931	\$123,303	\$119,919	\$1,754,734
Net System Cost	\$1,417,948	\$4,142,803	\$3,912,471	\$3,293,813	\$1,927,155	\$3,830,810	\$7,825,424	\$11,096,248	\$11,153,321	\$4,982,839	\$5,182,309	\$9,640,443	\$68,405,584
kWh Retail Sales	147,010,601	174,713,631	137,413,481	123,216,948	138,547,274	127,956,348	152,526,359	131,589,329	121,035,384	121,096,912	146,396,676	179,673,425	1,701,176,368
Cost per kWh	\$0.00965	\$0.02371	\$0.02847	\$0.02673	\$0.01391	\$0.02994	\$0.05131	\$0.08432	\$0.09215	\$0.04115	\$0.03540	\$0.05366	\$0.04021
Recovered through Rates	<u>\$3,074,374</u>	<u>\$4,203,334</u>	<u>\$3,181,811</u>	<u>\$2,732,501</u>	<u>\$3,022,991</u>	<u>\$2,713,482</u>	<u>\$3,406,735</u>	<u>\$3,102,281</u>	<u>\$3,259,456</u>	<u>\$3,747,922</u>	<u>\$4,535,373</u>	<u>\$5,566,349</u>	<u>\$42,546,609</u>
Total (Over)/Under Recovered	<u>(\$1,656,426)</u>	<u>(\$60,531)</u>	<u>\$730,660</u>	<u>\$561,312</u>	<u>(\$1,095,836)</u>	<u>\$1,117,328</u>	<u>\$4,418,689</u>	<u>\$7,993,967</u>	<u>\$7,893,865</u>	<u>\$1,234,917</u>	<u>\$646,936</u>	<u>\$4,074,094</u>	<u>\$25,858,975</u>

1/ Energy, wholesale sales, and RECs revenue are allocated on kWh sales at generation. Demand and pipeline are allocated on Class Allocation Factor No. 2. Coincident Peak Demand from PU-16-666 through June 2023 and PU-22-194 effective July 1, 2023.

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

	2023												2024	Total
	February	March	April	May	June	July	August	September	October	November	December	January		
Fuel & Purchased Power Cost														
Accounts 501 Coal and 547 Gas	\$1,674,362	\$2,556,409	\$1,736,586	\$2,349,441	\$2,433,213	\$2,802,472	\$2,797,952	\$2,638,258	\$2,369,947	\$2,049,671	\$2,348,487	\$2,984,588	\$28,741,386	
Account 502 Reagent	62,493	119,174	79,234	99,079	93,523	128,405	130,221	144,890	79,233	122,934	114,698	155,116	1,329,000	
Account 555 Energy	1,122,023	4,138,626	4,704,309	3,291,683	399,157	3,470,326	10,780,142	17,501,624	18,946,821	6,510,478	6,543,039	13,181,152	90,589,380	
Accounts 555 Demand and 547 Pipeline Charges	283,371	272,960	267,927	254,574	439,079	484,101	460,835	419,122	344,614	347,582	371,729	440,462	4,386,356	
Account 575 Market Admin.	45,230	34,377	46,754	38,457	42,027	37,399	38,137	32,205	46,696	38,660	41,999	37,260	479,201	
Total F&PP Cost	\$3,187,479	\$7,121,546	\$6,834,810	\$6,033,234	\$3,406,999	\$6,922,703	\$14,207,287	\$20,736,099	\$21,787,311	\$9,069,325	\$9,419,952	\$16,798,578	\$125,525,323	
Less:														
Wholesale Sales Revenue	\$31,852	\$43,499	\$34,325	\$154,055	\$39,167	\$89,001	\$183,852	\$273,853	\$271,822	\$173,474	\$219,410	\$206,712	\$1,721,022	
Sale of RECs Revenue	761,281	36,119	0	0	0	0	0	0	662,053	0	0	0	1,459,453	
Total Revenue	\$793,133	\$79,618	\$34,325	\$154,055	\$39,167	\$89,001	\$183,852	\$273,853	\$933,875	\$173,474	\$219,410	\$206,712	\$3,180,475	
Net System Cost	\$2,394,346	\$7,041,928	\$6,800,485	\$5,879,179	\$3,367,832	\$6,833,702	\$14,023,435	\$20,462,246	\$20,853,436	\$8,895,851	\$9,200,542	\$16,591,866	\$122,344,848	
kWh Retail Sales	255,002,045	299,750,789	241,518,055	222,845,518	247,847,606	231,046,063	275,798,454	244,856,854	227,417,094	217,194,061	261,066,867	310,340,074	3,034,683,480	
Cost Per kWh	\$0.00939	\$0.02349	\$0.02816	\$0.02638	\$0.01359	\$0.02958	\$0.05085	\$0.08357	\$0.09170	\$0.04096	\$0.03524	\$0.05346	\$0.04032	

ELECTRIC UTILITY - NORTH DAKOTA

	2023 1/											2024 1/	Total
	February	March	April	May	June	July	August	September	October	November	December	January	
Fuel & Purchased Power Cost													
Accounts 501 Coal and 547 Gas	\$1,211,242	\$1,849,561	\$1,250,514	\$1,670,212	\$1,752,358	\$2,006,491	\$1,989,722	\$1,863,093	\$1,692,836	\$1,458,599	\$1,679,095	\$2,162,272	\$20,585,995
Account 502 Reagent	45,208	86,222	57,056	70,435	67,354	91,934	92,605	102,319	56,595	87,483	82,006	112,378	951,595
Account 555 Energy	811,677	2,994,294	3,387,569	2,340,049	287,466	2,484,655	7,666,140	12,359,352	13,533,576	4,633,024	4,678,071	9,549,471	64,725,344
Accounts 555 Demand and 547 Pipeline Charges	199,189	191,871	188,333	178,946	308,640	340,287	323,933	294,612	242,238	244,324	261,298	320,389	3,094,060
Account 575 Market Admin.	32,719	24,872	33,668	27,339	30,267	26,777	27,121	22,743	33,355	27,511	30,028	26,994	343,394
Total F&PP Cost	\$2,300,035	\$5,146,820	\$4,917,140	\$4,286,981	\$2,446,085	\$4,950,144	\$10,099,521	\$14,642,119	\$15,558,600	\$6,450,941	\$6,730,498	\$12,171,504	\$89,700,388
Less:													
Wholesale Sales Revenue	\$23,042	\$31,472	\$24,717	\$109,517	\$28,207	\$63,722	\$130,744	\$193,390	\$194,160	\$123,449	\$156,871	\$149,759	\$1,229,050
Sale of RECs Revenue	535,141	25,390	0	0	0	0	0	0	465,389	0	0	0	1,025,920
Total Revenue	\$558,183	\$56,862	\$24,717	\$109,517	\$28,207	\$63,722	\$130,744	\$193,390	\$659,549	\$123,449	\$156,871	\$149,759	\$2,254,970
Net System Cost	\$1,741,852	\$5,089,958	\$4,892,423	\$4,177,464	\$2,417,878	\$4,886,422	\$9,968,777	\$14,448,729	\$14,899,051	\$6,327,492	\$6,573,627	\$12,021,745	\$87,445,418
kWh Retail Sales	183,542,433	216,020,176	173,103,417	157,660,509	177,664,115	164,534,138	195,228,035	172,108,944	162,442,377	154,560,897	186,654,765	224,834,941	2,168,354,747
Cost Per kWh	\$0.00949	\$0.02356	\$0.02826	\$0.02650	\$0.01361	\$0.02970	\$0.05106	\$0.08395	\$0.09172	\$0.04094	\$0.03522	\$0.05347	\$0.04033

1/ Energy and wholesale sales revenue are allocated on kWh sales at generation. Demand and pipeline are allocated on Class Allocation Factor No. 2, Coincident Peak Demand from PU-16-666 through June 2023 and PU-22-194 effective July 1, 2023. RECs revenue is allocated on Allocation Factor No. 271, Integrated Peak Energy.