



MONTANA-DAKOTA

UTILITIES CO.

A Subsidiary of MDU Resources Group, Inc.

400 North Fourth Street
Bismarck, ND 58501
701-222-7900
www.montana-dakota.com

October 17, 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
November 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.

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 November 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.

The net effect of this F&PP adjustment is a reduction of 0.138 cents per kWh for primary service customers and a reduction of 0.149 cents per kWh for secondary service customers for service rendered in the month of November 2024 from current effective rates as shown below. The per unit decrease was the result of a combination of higher wind generation and a per unit decrease in MISO market prices.

	Primary	Secondary
F&PP Effective November 1, 2024	\$0.02302	\$0.02272
F&PP Effective October 1, 2024	0.02440	0.02421
Change	(\$0.00138)	(\$0.00149)

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 94,164 electric customers in North Dakota as of September 30, 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 Generating 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) 222-7955 or tara.vesey@mdu.com.

Sincerely,

/s/ Tara R. Vesey

Tara R. Vesey
Manager of Regulatory Affairs

Attachment

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

	<u>Primary</u>	<u>Secondary</u>
Current Cost of Fuel (Page 2)	\$0.01504	\$0.01559
Prior Cost of Fuel	0.01642	0.01708
Change in Cost of Fuel	<u>(\$0.00138)</u>	<u>(\$0.00149)</u>
 <u>Surcharge Adjustment</u>		
Current Adjustment	\$0.00798	\$0.00713
Prior Adjustment	0.00798	0.00713
Change in Surcharge Adjustment	<u>\$0.00000</u>	<u>\$0.00000</u>
 Cost of Fuel	 \$0.01504	 \$0.01559
Surcharge Adjustment	0.00798	0.00713
Total	<u><u>\$0.02302</u></u>	<u><u>\$0.02272</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	\$9,511,199	\$6,687,339	\$1,235,005	\$5,452,334
Account 502 Reagent	647,752	455,435	84,109	371,326
Account 555 Energy	4,857,410	3,415,252	630,722	2,784,530
Accounts 555 Demand and 547 Pipeline Charges	1,856,299	1,350,259	209,687	1,140,572
Account 575 Market Admin.	150,106	105,540	19,491	86,049
Total F&PP Cost	<u>\$17,022,766</u>	<u>\$12,013,825</u>	<u>\$2,179,014</u>	<u>\$9,834,811</u>
Less:				
Wholesale Sales Revenue	\$507,369	\$356,732	\$65,881	\$290,851
Sale of RECs Revenue	636,511	457,291	84,452	372,839
Rate 45 Margin Sharing 4/	939,642	939,642	173,531	766,111
Total Revenue	<u>\$2,083,522</u>	<u>\$1,753,665</u>	<u>\$323,864</u>	<u>\$1,429,801</u>
Net System Cost	\$14,939,244	\$10,260,160	\$1,855,150	\$8,405,010
kWh Retail Sales	942,243,270	662,492,691	<u>123,355,021</u>	<u>539,137,670</u>
Cost Per kWh	\$0.01585	\$0.01549	<u><u>\$0.01504</u></u>	<u><u>\$0.01559</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 Demand and 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**

	2024				Total
	June	July	August	September	
Fuel & Purchased Power Cost					
Accounts 501 Coal and 547 Gas	\$2,711,857	\$2,766,281	\$2,415,144	\$1,617,917	\$9,511,199
Account 502 Reagent	148,405	213,579	190,733	95,035	647,752
Account 555 Energy 1/ Accounts 555 Demand and 547 Pipeline Charges	(1,498,288)	3,828,724	952,094	1,574,880	4,857,410
Account 575 Market Admin.	423,208	577,741	505,220	350,130	1,856,299
Total F&PP Cost	33,919	41,531	37,904	36,752	150,106
	<u>\$1,819,101</u>	<u>\$7,427,856</u>	<u>\$4,101,095</u>	<u>\$3,674,714</u>	<u>\$17,022,766</u>
Less:					
Wholesale Sales Revenue	\$218,131	\$107,628	\$145,096	\$36,514	\$507,369
Sale of RECs Revenue	0	636,511	(713)	713	636,511
Total Revenue	<u>\$218,131</u>	<u>\$744,139</u>	<u>\$144,383</u>	<u>\$37,227</u>	<u>\$1,143,880</u>
Net System Cost	\$1,600,970	\$6,683,717	\$3,956,712	\$3,637,487	\$15,878,886
kWh Retail Sales	203,357,164	233,880,975	264,726,500	240,278,631	<u>942,243,270</u>
Cost Per kWh	\$0.00787	\$0.02858	\$0.01495	\$0.01514	<u><u>\$0.01685</u></u>

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

Account No.	Account Description	2024			
		June	July	August	September
	<u>Midcontinent Independent System Operator (MISO)</u>				
555.111	Day-Ahead Asset Energy	\$422,022	\$1,606,473	\$1,031,339	\$1,894,812
555.114	Real-Time Asset Energy	(113,649)	(49,980)	(116,419)	(170,063)
555.117	Real-Time Excessive Energy	(41)	(14)	(65)	1,194
555.118	Real-Time Non-Excessive Energy	203,767	688,948	131,064	15,289
555.1212	Day-Ahead Financial Bilateral Congestion Loss	(1,398)	23,108	81,915	(52,249)
555.1230	Revenue Rights Transaction	(1,006,690)	(1,006,690)	(1,006,690)	(1,095,224)
555.1232	Revenue Rights Infeasible Uplift	1,288	1,288	1,288	16,636
555.1233	Revenue Rights Stage 2 Distribution	(140,857)	(140,857)	(140,857)	(117,775)
555.1234	Auction Revenue Rights Real-Time MVP Distribution	(22,126)	24	(7,872)	(12)
555.132	Day-Ahead Financial Bilateral Transaction Loss	34,831	49,849	49,242	36,638
555.135	Real-Time Asset Loss	98,257	209,480	197,756	165,548
555.136	Real-Time Distribution of Loss	(35,852)	(37,405)	(35,038)	(14,516)
555.152	Day-Ahead Rev Suff Guarantee Make Whole Pmt	0	(5,185)	(3)	0
555.153	Real-Time Miscellaneous	520	(302)	(1,438)	(1,075)
555.154	Real-Time Net Inadvertent Distribution	(1,691)	(7,171)	(4,816)	(2,560)
555.155	Real-Time Revenue Neutrality Uplift	63,275	98,553	64,223	89,894
555.156	Real-Time Rev Suff Guarantee First Pass Distribution	1,652	5,856	7,447	3,009
555.157	Real-Time Rev Suff Guarantee Make Whole Payment	0	(4,691)	1,036	(735)
555.159	Day-Ahead Schedule 24	4,686	5,457	4,993	5,087
555.160	Real-Time Schedule 24	923	843	705	741
555.162	Real-Time Price Volatility Make Whole Payment	(14,714)	(20,823)	(11,607)	(13,344)
555.164	Real-Time Schedule 49	15,390	17,466	9,588	17,190
555.1701	Day-Ahead Spinning Reserve Amount	(24,323)	(11,186)	(26,156)	(17,115)
555.1702	Day-Ahead Supplemental Reserve Amount	26	(226)	(999)	(53)
555.1703	Day-Ahead Ramp Capability	(8,976)	(5,432)	(10,778)	(6,523)
555.1704	Day-Ahead Short Term Reserve Amount	(6,201)	(48,878)	(261,891)	(8,123)
555.1710	Real-Time Net Regulation Adjustment	(21,528)	0	(2)	1
555.1711	Real-Time Excessive Deficient Energy Deployment	1	74	479	1,547
555.1713	Real-Time Regulation Amount	79	0	(205)	(55)
555.1714	Real-Time Spinning Reserve Amount	(10,343)	(4,863)	1,187	505
555.1715	Real-Time Supplemental Reserve Amount	(156)	75	(1,086)	21
555.1716	Real-Time Regulation Cost Distribution	10,525	13,107	14,054	16,953
555.1717	Real-Time Spinning Reserve Cost Distribution Amount	8,193	9,746	8,418	9,086
555.1718	Real-Time Supplemental Reserve Cost Distribution	753	4,563	2,450	1,624
555.1719	Real-Time Demand Response Allocation Uplift	70	3,309	5,952	2,453
555.1720	Real-Time Ramp Capability	(295)	(919)	(1,330)	(880)
555.1721	Real-Time Short Term Cost Distribution Amount	6,068	42,070	49,992	7,948
555.1723	Real-Time Short Term Reserve Amount	(240)	(8,501)	10,197	(911)
	<u>Southwest Power Pool (SPP)</u>				
555.185	Real-Time Asset Losses	7,919	158,593	(61,290)	592
555.186	Real-Time Over Collected Losses	(88,682)	(121,458)	(72,807)	(122,662)
555.1915	Real-Time Asset Congestion	106,884	1,525,941	(22,693)	208,582
555.1920	Auction Revenue Rights-Daily	(782,509)	(536,915)	(312,417)	(625,622)
555.1921	Auction Revenue Rights-Annual	(1,534,303)	0	0	0
	<u>Other</u>				
555.X	Purchased Power	1,328,606	1,374,998	1,374,667	1,328,479
555.5	Purchased Power Cogeneration	551	399	561	548
	Total Account 555 Energy	(\$1,498,288)	\$3,828,724	\$952,094	\$1,574,880