



A Subsidiary of MDU Resources Group, Inc.

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

November 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
December 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 December 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 an increase of 0.370 cents per kWh for primary service customers and an increase of 0.367 cents per kWh for secondary service customers for service rendered in the month of December 2024 from current effective rates as shown below. The per unit increase was largely the result of a per unit increase in MISO market prices.

	<u>Primary</u>	<u>Secondary</u>
F&PP Effective December 1, 2024	\$0.02672	\$0.02639
F&PP Effective November 1, 2024	0.02302	0.02272
Change	\$0.00370	\$0.00367

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 94,174 electric customers in North Dakota as of October 31, 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) 222-7855 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
DECEMBER 2024 ADJUSTMENT**

	<u>Primary</u>	<u>Secondary</u>
Current Cost of Fuel (Page 2)	\$0.01874	\$0.01926
Prior Cost of Fuel	0.01504	0.01559
Change in Cost of Fuel	<u>\$0.00370</u>	<u>\$0.00367</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	 \$0.01874	 \$0.01926
Surcharge Adjustment	0.00798	0.00713
Total	<u><u>\$0.02672</u></u>	<u><u>\$0.02639</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	\$8,708,683	\$6,163,372	\$1,131,984	\$5,031,388
Account 502 Reagent	622,352	440,455	80,895	359,560
Account 555 Energy	10,583,151	7,489,984	1,375,633	6,114,351
Accounts 555 Demand and 547 Pipeline Charges	1,690,229	1,229,461	190,928	1,038,533
Account 575 Market Admin.	152,371	107,837	19,806	88,031
Total F&PP Cost	<u>\$21,756,786</u>	<u>\$15,431,109</u>	<u>\$2,799,246</u>	<u>\$12,631,863</u>
Less:				
Wholesale Sales Revenue	\$310,566	\$219,796	\$40,368	\$179,428
Sale of RECs Revenue	636,511	457,291	83,987	373,304
Rate 45 Margin Sharing 4/	1,542,725	1,542,725	283,342	1,259,383
Total Revenue	<u>\$2,489,802</u>	<u>\$2,219,812</u>	<u>\$407,697</u>	<u>\$1,812,115</u>
Net System Cost	\$19,266,984	\$13,211,297	\$2,391,549	\$10,819,748
kWh Retail Sales	973,948,794	689,290,040	<u>127,640,549</u>	<u>561,649,491</u>
Cost Per kWh	\$0.01978	\$0.01917	<u>\$0.01874</u>	<u>\$0.01926</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
	July	August	September	October	
Fuel & Purchased Power Cost					
Accounts 501 Coal and 547 Gas	\$2,766,281	\$2,415,144	\$1,617,917	\$1,909,341	\$8,708,683
Account 502 Reagent	213,579	190,733	95,035	123,005	622,352
Account 555 Energy 1/	3,828,724	952,094	1,574,880	4,227,453	10,583,151
Accounts 555 Demand and					
547 Pipeline Charges	577,741	505,220	350,130	257,138	1,690,229
Account 575 Market Admin.	41,531	37,904	36,752	36,184	152,371
Total F&PP Cost	<u>\$7,427,856</u>	<u>\$4,101,095</u>	<u>\$3,674,714</u>	<u>\$6,553,121</u>	<u>\$21,756,786</u>
Less:					
Wholesale Sales Revenue	\$107,628	\$145,096	\$36,514	\$21,328	\$310,566
Sale of RECs Revenue	636,511	(713)	713	0	636,511
Total Revenue	<u>\$744,139</u>	<u>\$144,383</u>	<u>\$37,227</u>	<u>\$21,328</u>	<u>\$947,077</u>
Net System Cost	\$6,683,717	\$3,956,712	\$3,637,487	\$6,531,793	\$20,809,709
kWh Retail Sales	233,880,975	264,726,500	240,278,631	235,062,688	<u>973,948,794</u>
Cost Per kWh	\$0.02858	\$0.01495	\$0.01514	\$0.02779	<u><u>\$0.02137</u></u>

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

Account No.	Account Description	2024			
		July	August	September	October
	<u>Midcontinent Independent System Operator (MISO)</u>				
555.111	Day-Ahead Asset Energy	\$1,606,473	\$1,031,339	\$1,894,812	\$2,610,497
555.114	Real-Time Asset Energy	(49,980)	(116,419)	(170,063)	(244,075)
555.117	Real-Time Excessive Energy	(14)	(65)	1,194	(612)
555.118	Real-Time Non-Excessive Energy	688,948	131,064	15,289	306,971
555.1212	Day-Ahead Financial Bilateral Congestion Loss	23,108	81,915	(52,249)	72,500
555.1230	Revenue Rights Transaction	(1,006,690)	(1,006,690)	(1,095,224)	(1,095,224)
555.1232	Revenue Rights Infeasible Uplift	1,288	1,288	16,636	16,636
555.1233	Revenue Rights Stage 2 Distribution	(140,857)	(140,857)	(117,775)	(117,776)
555.1234	Auction Revenue Rights Real-Time MVP Distribution	24	(7,872)	(12)	(2,161)
555.132	Day-Ahead Financial Bilateral Transaction Loss	49,849	49,242	36,638	30,328
555.135	Real-Time Asset Loss	209,480	197,756	165,548	221,371
555.136	Real-Time Distribution of Loss	(37,405)	(35,038)	(14,516)	(27,320)
555.152	Day-Ahead Rev Suff Guarantee Make Whole Pmt	(5,185)	(3)	0	(12,572)
555.153	Real-Time Miscellaneous	(302)	(1,438)	(1,075)	(4,591)
555.154	Real-Time Net Inadvertent Distribution	(7,171)	(4,816)	(2,560)	(7,173)
555.155	Real-Time Revenue Neutrality Uplift	98,553	64,223	89,894	119,394
555.156	Real-Time Rev Suff Guarantee First Pass Distribution	5,856	7,447	3,009	1,342
555.157	Real-Time Rev Suff Guarantee Make Whole Payment	(4,691)	1,036	(735)	(2,650)
555.159	Day-Ahead Schedule 24	5,457	4,993	5,087	4,545
555.160	Real-Time Schedule 24	843	705	741	897
555.162	Real-Time Price Volatility Make Whole Payment	(20,823)	(11,607)	(13,344)	(17,248)
555.164	Real-Time Schedule 49	17,466	9,588	17,190	17,419
555.1701	Day-Ahead Spinning Reserve Amount	(11,186)	(26,156)	(17,115)	(21,708)
555.1702	Day-Ahead Supplemental Reserve Amount	(226)	(999)	(53)	0
555.1703	Day-Ahead Ramp Capability	(5,432)	(10,778)	(6,523)	(8,018)
555.1704	Day-Ahead Short Term Reserve Amount	(48,878)	(261,891)	(8,123)	(2,975)
555.1710	Real-Time Net Regulation Adjustment	0	(2)	1	10
555.1711	Real-Time Excessive Deficient Energy Deployment	74	479	1,547	229
555.1713	Real-Time Regulation Amount	0	(205)	(55)	(59)
555.1714	Real-Time Spinning Reserve Amount	(4,863)	1,187	505	(5,471)
555.1715	Real-Time Supplemental Reserve Amount	75	(1,086)	21	(1)
555.1716	Real-Time Regulation Cost Distribution	13,107	14,054	16,953	18,981
555.1717	Real-Time Spinning Reserve Cost Distribution Amount	9,746	8,418	9,086	13,032
555.1718	Real-Time Supplemental Reserve Cost Distribution	4,563	2,450	1,624	1,691
555.1719	Real-Time Demand Response Allocation Uplift	3,309	5,952	2,453	5,276
555.1720	Real-Time Ramp Capability	(919)	(1,330)	(880)	(1,424)
555.1721	Real-Time Short Term Cost Distribution Amount	42,070	49,992	7,948	7,317
555.1723	Real-Time Short Term Reserve Amount	(8,501)	10,197	(911)	(336)
	<u>Southwest Power Pool (SPP)</u>				
555.185	Real-Time Asset Losses	158,593	(61,290)	592	73,232
555.186	Real-Time Over Collected Losses	(121,458)	(72,807)	(122,662)	(72,265)
555.1915	Real-Time Asset Congestion	1,525,941	(22,693)	208,582	1,354,345
555.1920	Auction Revenue Rights-Daily	(536,915)	(312,417)	(625,622)	(375,546)
	<u>Other</u>				
555.X	Purchased Power	1,374,998	1,374,667	1,328,479	1,369,988
555.5	Purchased Power Cogeneration	399	561	548	657
	Total Account 555 Energy	\$3,828,724	\$952,094	\$1,574,880	\$4,227,453