



Northern Natural Gas Company
P.O. Box 3330
Omaha, NE 68103-0330
402 398-7200

February 13, 2025

Ms. Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street N.E.
Washington, D.C. 20426

Re: Northern Natural Gas Company
Docket No. RP25- -000
Notice of DDVC and Penalty Revenue Crediting Report

Dear Ms. Reese:

Pursuant to Part 8, Section 57 of the General Terms and Conditions of Northern Natural Gas Company's ("Northern") Federal Energy Regulatory Commission Gas Tariff ("Tariff"), Northern hereby submits for filing a report of the penalty revenues credited to shippers for the summer season April 1, 2024 through October 31, 2024.

Shippers received these credits on their invoices posted to Northern's website February 13, 2025. The credited amounts include interest, calculated in accordance with the Commission's regulations pursuant to 18 C.F.R. § 154.501(d), through the date the credits were posted to the shippers' accounts.

Northern is filing supporting schedules for the DDVC and receipt point penalty categories. The schedules include: (1) DDVC or receipt point penalty revenues collected by month; (2) interest on the dollars collected; and (3) the calculation of the credit amounts for each shipper as provided for in Part 8, Section 57 of the Tariff.

Daily Delivery Variance Charges (DDVC)

For the period, April 1, 2024 through October 31, 2024, Northern collected DDVC penalty revenues in the amount of \$1,331,139.27 plus interest of \$50,136.20 for a total summer DDVC penalty credit of \$1,381,275.47. Northern prorated the DDVC penalty credit to each shipper based on a weighted value equal to the shipper's total annual, November 1, 2023 through October 31, 2024, scheduled quantity at the delivery points on Northern's system where each shipper took the swing multiplied by a percentage equal to 100% minus the percent of the total DDVC penalty revenues paid by each shipper for the period. Delivered quantities that were not subject to DDVC penalties were not included in the calculations of

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the DDVC penalty credits. Schedules 1, 2 and 3 provide the detailed calculations by shipper.

Unauthorized Gas

Northern did not collect any penalty revenue for this category.

Receipt Point and Supply Shortfall and Excess Penalties

For the period, April 1, 2024 through October 31, 2024, Northern collected receipt point penalties in the amount of \$8,558.71 plus interest of \$367.30 for a total summer receipt point penalty credit of \$8,926.01. Pursuant to Part 8, Section 57.B.2. of its Tariff, Northern prorates the receipt point penalty credit to shippers who operate contiguous, onshore receipt points that do not have an Operator Balancing Agreement, based on a weighted value equal to the total annual, November 1, 2023 through October 31, 2024, scheduled volumes at such receipt points, multiplied by a percentage equal to 100% minus the percent of the total receipt point penalty revenues paid by each shipper for the year. Receipt volumes that were not subject to the receipt point penalties were not included in calculating the credits. Schedules 4 and 5 provide the detailed calculation.

PDD Rollover Charge

Northern did not collect any penalty revenue for this category.

Service

Northern has served an electronic copy of this filing upon its shippers and interested state regulatory commissions.

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Communication

Northern requests that all correspondence and communications concerning this filing be served upon each of the following:

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Respectfully submitted,

/s/ Luis Valdivia

Luis Valdivia
Director, Regulatory Policy and Rates

Attachments

Northern Natural Gas Company
Penalty Revenue Crediting
Daily Delivery Variance Charges
For the Period April 2024 through October 2024

Schedule 1

Penalty Type	Month	Volume Dth	Amount \$
(a)	(b)	(c)	(d)
NEG DDVC	202404	325,983	\$112,822.69
NEG DDVC	202405	220,065	\$76,164.52
NEG DDVC	202406	313,325	\$108,441.74
NEG DDVC	202407	321,659	\$111,326.39
NEG DDVC	202408	626,995	\$217,002.92
NEG DDVC	202409	501,180	\$173,458.50
NEG DDVC	202410	522,238	\$180,746.45
NEGATIVE DDVC		2,831,445	\$979,963.21
POSITIVE DDVC	202404	105,371	\$36,468.92
POSITIVE DDVC	202405	67,246	\$23,274.04
POSITIVE DDVC	202406	21,960	\$7,600.55
POSITIVE DDVC	202407	80,536	\$27,873.78
POSITIVE DDVC	202408	40,115	\$13,883.99
POSITIVE DDVC	202409	218,017	\$75,455.88
POSITIVE DDVC	202410	96,666	\$33,456.19
POSITIVE DDVC		629,911	\$218,013.35
PUN DDVC	202404	93,148	\$32,238.53
PUN DDVC	202405	56,522	\$19,562.36
PUN DDVC	202406	35,871	\$12,414.97
PUN DDVC	202407	75,155	\$26,011.07
PUN DDVC	202408	15,993	\$5,535.17
PUN DDVC	202409	33,604	\$11,630.31
PUN DDVC	202410	74,459	\$25,770.30
PUNITIVE DDVC		384,752	\$133,162.71
TOTAL PENALTIES	Total:	3,846,108	\$1,331,139.27

Northern Natural Gas Company

Schedule 2

Penalty Revenue Crediting

Daily Delivery Variance Charge Revenue Credit Interest Calculation

For the Period April 2024 through October 2024

Month	Penalty Amount Collected	FERC Interest	Days For First Invoice Month	Days - Full Month	Partial Month Interest	Full Month Interest	Interest For First Month Billed	Interest For Full Month	Total Interest	Cumulative Balance
(a)	(b)	(c)	(d)	(e)	(f) =	(g) =	(h)	(i)	(j)	(k)
	/1		/2		d * c / 365	e * c / 365	/3	/4	h + i	/5
	\$	%					\$	\$	\$	\$
202404	\$181,530.14	8.50%								
202405	\$119,000.92	8.50%	9	0	0.0021	0.0000	\$ 381.21	\$ -	\$ 381.21	\$181,530.14
202406	\$128,457.26	8.50%	7	30	0.0016	0.0070	\$ 190.40	\$ 1,270.71	\$ 1,461.11	\$302,373.39
202407	\$165,211.24	8.50%	10	31	0.0023	0.0072	\$ 295.45	\$ 2,177.09	\$ 2,472.54	\$430,830.65
202408	\$236,422.08	8.50%	9	31	0.0021	0.0072	\$ 346.94	\$ 3,101.98	\$ 3,448.91	\$596,041.89
202409	\$260,544.69	8.50%	8	30	0.0019	0.0070	\$ 449.20	\$ 4,172.29	\$ 4,621.49	\$843,006.91
202410	\$239,972.94	8.50%	11	31	0.0026	0.0072	\$ 677.42	\$ 6,069.65	\$ 6,747.07	\$1,103,551.60
202411	\$0.00	8.50%	6	30	0.0014	0.0070	\$ 335.96	\$ 7,724.86	\$ 8,060.82	\$1,343,524.54
202412	\$0.00	8.50%	0	31	0.0000	0.0072	\$ -	\$ 9,673.38	\$ 9,673.38	\$1,368,005.81
202501	\$0.00	8.04%	0	31	0.0000	0.0068	\$ -	\$ 9,302.44	\$ 9,302.44	\$1,368,005.81
202502	\$0.00	8.04%	0	13	0.0000	0.0029	\$ -	\$ 3,967.22	\$ 3,967.22	\$1,368,005.81
202503	\$0.00	8.04%	0	0	0.0000	0.0000	\$ -	\$ -	\$ -	\$1,381,275.47
202504	\$0.00	8.04%	0	0	0.0000	0.0000	\$ -	\$ -	\$ -	\$ 1,381,275.47
202506		8.04%	0	0	0.0000	0.0000	\$ -	\$ -	\$ -	\$ 1,381,275.47
202507		8.04%		0		0.0000	\$ -	\$ -	\$ -	\$ 1,381,275.47
202508		8.04%		0		0.0000	\$ -	\$ -	\$ -	\$ 1,381,275.47
202509		8.04%		0		0.0000	\$ -	\$ -	\$ -	\$ 1,381,275.47
	\$1,331,139.27						\$2,676.58	\$47,459.62	\$50,136.20	\$1,381,275.47

Footnotes

1/ Sum of all DDVC penalties by month. See Schedule 1.

2/ The first month of interest is based on days from invoice due date to the end of the month.

3/ Penalty Amount from prior month * Partial Month Interest rate.

4/ Cumulative Balance from prior month * Full Month Interest rate.

5/ Penalty Amount (b) from prior month plus Cumulative Balance (k) from prior month plus interest (j) from previous quarters.

Northern Natural Gas Company
Daily Delivery Variance Charge Revenue Credit Report
For the Period April 2024 through October 2024

Schedule 3

Shipper Name	DDVC Paid	Percent of Total DDVCs	Inverse DDVCs Paid	Scheduled Quantities (SQ)	SQ * Inverse DDVCs Paid	Weighted Factor (Payback Percent)	Penalty Credit (h) = (g) * Total Credit Amount
(a)	(b) \$	(c)	(d) = 100% - c	(e) dth	(f) = d*e dth	(g) = f / Sum(f)	
AG PROCESSING INC A COOPERATIVE	7,486.87	0.56244077 %	99.43755923 %	2,809,910	2,794,105	0.27279159 %	3,768.00
AGRI-ENERGY, LLC	0.00	0.00000000 %	100.00000000 %	109,383	109,383	0.01067918 %	147.51
AL-CORN CLEAN FUEL, LLC	480.39	0.03608864 %	99.96391136 %	3,693,344	3,692,011	0.36045515 %	4,978.88
ALKANE MIDSTREAM LLC	30,540.59	2.29431966 %	97.70568034 %	1,578,064	1,541,858	0.15053332 %	2,079.28
ALTON MUNICIPAL UTILITIES	8.31	0.00062428 %	99.99937572 %	49,221	49,220	0.00480540 %	66.38
BADGER STATE ETHANOL LLC	4,943.70	0.37138864 %	99.62861136 %	2,163,041	2,155,007	0.21039574 %	2,906.14
BASIN ELECTRIC POWER COOPERATIVE	2,273.88	0.17082210 %	99.82917790 %	126,228	126,012	0.01230269 %	169.93
BLACK HILLS SERVICE COMPANY, LLC	1,073.60	0.08065272 %	99.91934728 %	77,262,469	77,200,154	7.53713718 %	104,108.63
BP ENERGY COMPANY	43,469.69	3.26560045 %	96.73439955 %	14,430,565	13,959,320	1.36286399 %	18,824.91
BP ENERGY RETAIL COMPANY LLC	646.16	0.04854188 %	99.95145812 %	93,560	93,514	0.00912988 %	126.11
BUSHMILLS ETHANOL, INC.	7,325.88	0.55034662 %	99.44965338 %	2,135,216	2,123,464	0.20731616 %	2,863.61
CARDINAL FG COMPANY	58.83	0.00441952 %	99.99558048 %	1,718,178	1,718,102	0.16774022 %	2,316.95
CASCADE MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	107,834	107,834	0.01052795 %	145.42
CENTERPOINT ENERGY RESOURCES CORP., D/B/	13,511.05	1.01499898 %	98.98500102 %	139,241,349	137,828,050	13.45630632 %	185,868.66
CF INDUSTRIES NITROGEN, LLC	72,640.18	5.45699324 %	94.54300676 %	46,332,777	43,804,400	4.27667245 %	59,072.63
CHEVRON U.S.A. INC.	8,698.70	0.65347783 %	99.34652217 %	83,523	82,977	0.00810114 %	111.90
CIRCLE PINES UTILITIES	17.31	0.00130039 %	99.99869961 %	343,979	343,974	0.03358257 %	463.87
CITY OF CROOKS, SD	133.94	0.01006206 %	99.98993794 %	144,970	144,955	0.01415212 %	195.48
CITY OF EVERLY, IOWA	3.80	0.00028547 %	99.99971453 %	30,260	30,259	0.00295422 %	40.81
CITY OF FAIRBANK	12.11	0.00090975 %	99.99909025 %	37,923	37,922	0.00370237 %	51.14
CITY OF GILMORE, IOWA	0.00	0.00000000 %	100.00000000 %	191,285	191,285	0.01867537 %	257.96
CITY OF HARTLEY, IOWA	111.80	0.00839882 %	99.99160118 %	77,749	77,742	0.00759004 %	104.84
CITY OF HAWARDEN, IOWA	0.00	0.00000000 %	100.00000000 %	92,635	92,635	0.00904406 %	124.92
CITY OF MAPLETON	0.00	0.00000000 %	100.00000000 %	41,807	41,807	0.00408166 %	56.38
CITY OF ORANGE CITY	1.38	0.00010367 %	99.99989633 %	330,612	330,611	0.03227792 %	445.85
CITY OF PONCA, NEBRASKA	0.00	0.00000000 %	100.00000000 %	22,121	22,121	0.00215970 %	29.83
CITY OF REMSEN, IOWA	0.00	0.00000000 %	100.00000000 %	63,822	63,822	0.00623101 %	86.07
CITY OF ROLFE, IOWA	0.00	0.00000000 %	100.00000000 %	29,312	29,312	0.00286176 %	39.53
CITY OF ROUND LAKE, MN	0.00	0.00000000 %	100.00000000 %	31,139	31,139	0.00304014 %	41.99
CITY OF SAC CITY, IOWA	0.00	0.00000000 %	100.00000000 %	99,322	99,322	0.00969692 %	133.94
CITY OF SANBORN, IA	0.00	0.00000000 %	100.00000000 %	168,415	168,415	0.01644254 %	227.12
CITY OF SCRIBNER	0.00	0.00000000 %	100.00000000 %	27,382	27,382	0.00267334 %	36.93
CITY OF SIOUX CENTER	310.45	0.02332213 %	99.97667787 %	2,227,698	2,227,178	0.21744187 %	3,003.47
CITY OF TIPTON	0.00	0.00000000 %	100.00000000 %	150,644	150,644	0.01470754 %	203.15
CITY OF TRAER, IOWA	0.00	0.00000000 %	100.00000000 %	62,768	62,768	0.00612811 %	84.65

Northern Natural Gas Company
Daily Delivery Variance Charge Revenue Credit Report
For the Period April 2024 through October 2024

Schedule 3

Shipper Name	DDVC Paid	Percent of Total DDVCs	Inverse DDVCs Paid	Scheduled Quantities (SQ)	SQ * Inverse DDVCs Paid	Weighted Factor (Payback Percent)	Penalty Credit (h) = (g) * Total Credit Amount
(a)	(b) \$	(c)	(d) = 100% - c	(e) dth	(f) = d*e dth	(g) = f / Sum(f)	
CITY OF TWO HARBORS, MINNESOTA	0.00	0.00000000 %	100.00000000 %	383,204	383,204	0.03741263 %	516.77
CITY OF VIRGINIA, MN	0.00	0.00000000 %	100.00000000 %	776,441	776,441	0.07580480 %	1,047.07
CITY OF WAHOO	37.37	0.00280737 %	99.99719263 %	162,329	162,324	0.01584787 %	218.90
CITY OF WAUKEE	0.00	0.00000000 %	100.00000000 %	738,188	738,188	0.07207012 %	995.49
CITY OF WEST BEND, IOWA	0.00	0.00000000 %	100.00000000 %	74,607	74,607	0.00728396 %	100.61
CITY OF WHITEMORE	0.00	0.00000000 %	100.00000000 %	25,457	25,457	0.00248540 %	34.33
CLEAN ENERGY RENEWABLE FUELS, LLC	4,542.21	0.34122726 %	99.65877274 %	90,355	90,046	0.00879129 %	121.43
COMMUNITY UTILITY COMPANY	0.00	0.00000000 %	100.00000000 %	78,506	78,506	0.00766463 %	105.87
CONSTELLATION ENERGY GENERATION, LLC	14,840.45	1.11486832 %	98.88513168 %	3,233,316	3,197,268	0.31215284 %	4,311.69
COON RAPIDS MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	63,207	63,207	0.00617097 %	85.24
DCP OPERATING COMPANY, LP	19,499.99	1.46490983 %	98.53509017 %	251,782	248,093	0.02422160 %	334.57
DOOLEY'S NATURAL GAS OF IA, LLC	0.00	0.00000000 %	100.00000000 %	3,089	3,089	0.00030158 %	4.17
EMMETSBURG MUNICIPAL GAS WORKS	0.00	0.00000000 %	100.00000000 %	188,638	188,638	0.01841694 %	254.39
ENCORE ENERGY SERVICES, INC.	4,491.79	0.33743952 %	99.66256048 %	16,338,099	16,282,967	1.58972424 %	21,958.47
ENTERPRISE NAVITAS MIDSTREAM MIDLAND BAS	13,635.05	1.02431431 %	98.97568569 %	341,677	338,177	0.03301660 %	456.05
ETC MARKETING, LTD.	17,255.14	1.29626857 %	98.70373143 %	281,456	279,104	0.02724924 %	376.39
ETC TEXAS PIPELINE, LTD.	13,612.02	1.02258421 %	98.97741579 %	252,862	250,276	0.02443473 %	337.51
ETHANOL PRODUCTS, LLC	19,785.07	1.48632607 %	98.51367393 %	33,656,321	33,156,078	3.23706489 %	44,712.78
GCC SUPPLY & TRADING LLC	86,609.82	6.50644316 %	93.49355684 %	1,944,727	1,818,194	0.17751231 %	2,451.93
GOLDEN SPREAD ELECTRIC COOPERATIVE, INC.	35,861.84	2.69407122 %	97.30592878 %	51,673,132	50,281,021	4.90899219 %	67,806.70
GRAETTINGER MUNICIPAL GAS	0.00	0.00000000 %	100.00000000 %	35,153	35,153	0.00343203 %	47.41
GRANITE FALLS ENERGY LLC	0.00	0.00000000 %	100.00000000 %	899,952	899,952	0.08786332 %	1,213.63
GREATER MINNESOTA GAS, INC.	130.48	0.00980213 %	99.99019787 %	818,292	818,211	0.07988285 %	1,103.40
GREAT PLAINS NATURAL GAS CO.	2,644.21	0.19864263 %	99.80135737 %	3,925,806	3,918,007	0.38251940 %	5,283.65
GREAT RIVER ENERGY	6.92	0.00051986 %	99.99948014 %	1,775,590	1,775,580	0.17335186 %	2,394.47
GREENFIELD GLOBAL WINNEBAGO LLC	21,597.31	1.62246810 %	98.37753190 %	1,414,719	1,391,765	0.13587957 %	1,876.87
GREEN PLAINS ENERGY SERVICES	1,475.44	0.11084039 %	99.88915961 %	1,525,443	1,523,752	0.14876561 %	2,054.86
GUARDIAN ENERGY LLC	7,664.40	0.57577747 %	99.42422253 %	3,542,037	3,521,642	0.34382184 %	4,749.13
GUTHRIE CENTER MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	116,225	116,225	0.01134718 %	156.74
HARLAN MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	457,953	457,953	0.04471046 %	617.57
HIBBING PUBLIC UTILITIES COMMISSION	25.26	0.00189762 %	99.99810238 %	1,294,100	1,294,075	0.12634199 %	1,745.13
HIGHWATER ETHANOL, LLC	16.26	0.00122151 %	99.99877849 %	1,538,893	1,538,874	0.15024199 %	2,075.26
INTERSTATE POWER AND LIGHT COMPANY	285.53	0.02145005 %	99.97854995 %	20,016,261	20,011,967	1.95379067 %	26,987.23
IOWA STATE UNIVERSITY OF SCIENCE AND TEC	744.81	0.05595282 %	99.94404718 %	2,505,086	2,503,684	0.24443746 %	3,376.35
JO-CARROLL ENERGY, INC. (NFP)	126.32	0.00948962 %	99.99051038 %	337,375	337,342	0.03293508 %	454.92

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Schedule 3

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(a)	(b) \$	(c)	(d) = 100% - c	(e) dth	(f) = d*e dth	(g) = f / Sum(f)	
KANSAS GAS SERVICE, A DIVISION OF ONE GA	41.53	0.00311988 %	99.99688012 %	123,298	123,294	0.01203733 %	166.27
KOCH ENERGY SERVICES, LLC	15,805.90	1.18739642 %	98.81260358 %	58,756,825	58,059,148	5.66837941 %	78,295.93
LAKE PARK MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	93,716	93,716	0.00914960 %	126.38
LINCOLNWAY ENERGY, LLC	5,350.71	0.40196470 %	99.59803530 %	1,972,465	1,964,536	0.19179984 %	2,649.28
LSCP, LLC	0.00	0.00000000 %	100.00000000 %	3,637,685	3,637,685	0.35515125 %	4,905.62
MADISON GAS AND ELECTRIC COMPANY	344.37	0.02587032 %	99.97412968 %	10,927,649	10,924,821	1.06660247 %	14,732.72
MANILLA MUNICIPAL GAS DEPT	0.00	0.00000000 %	100.00000000 %	21,924	21,924	0.00214046 %	29.57
MANNING MUNICIPAL GAS DEPT	0.00	0.00000000 %	100.00000000 %	177,727	177,727	0.01735169 %	239.67
MARATHON PETROLEUM COMPANY LP	2,372.51	0.17823154 %	99.82176846 %	6,046,924	6,036,146	0.58931567 %	8,140.07
MAYO CLINIC	7,208.88	0.54155716 %	99.45844284 %	2,378,545	2,365,663	0.23096232 %	3,190.23
METROPOLITAN UTILITIES DISTRICT	1,024.45	0.07696039 %	99.92303961 %	30,445,095	30,421,664	2.97010100 %	41,025.28
MIDAMERICAN ENERGY COMPANY	0.00	0.00000000 %	100.00000000 %	95,145,650	95,145,650	9.28917598 %	128,309.11
MIDWEST NATURAL GAS, INC.	0.00	0.00000000 %	100.00000000 %	1,980,492	1,980,492	0.19335764 %	2,670.80
MILLE LACS CORPORATE VENTURES	368.58	0.02768906 %	99.97231094 %	98,814	98,786	0.00964459 %	133.22
MINNESOTA ENERGY RESOURCES CORPORATION	0.00	0.00000000 %	100.00000000 %	73,480,375	73,480,375	7.17397101 %	99,092.30
NEW ULM PUBLIC UTILITIES COMMISSION	0.00	0.00000000 %	100.00000000 %	34,432	34,432	0.00336163 %	46.43
NORTHERN STATES POWER COMPANY, A MINNESO	39,901.88	2.99757365 %	97.00242635 %	68,079,526	66,038,792	6.44744096 %	89,056.92
NORTHERN STATES POWER COMPANY, A WISCONS	0.00	0.00000000 %	100.00000000 %	8,403,229	8,403,229	0.82041662 %	11,332.21
NORTHERN STATES POWER COMPANY (GEN)	53,957.66	4.05349472 %	95.94650528 %	88,419,247	84,835,177	8.28255300 %	114,404.87
NORTHWEST NATURAL GAS LLC	0.00	0.00000000 %	100.00000000 %	201,454	201,454	0.01966818 %	271.67
OCCIDENTAL ENERGY MARKETING, INC.	2,243.46	0.16853684 %	99.83146316 %	8,267	8,253	0.00080575 %	11.13
OSAGE MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	320,371	320,371	0.03127818 %	432.04
PEERLESS CHAIN COMPANY	4.85	0.00036435 %	99.99963565 %	40,099	40,098	0.00391481 %	54.07
PLYMOUTH ENERGY, L.L.C.	76.49	0.00574621 %	99.99425379 %	981,530	981,473	0.09582230 %	1,323.57
PRESTON MUNICIPAL NATURAL GAS DEPARTMENT	0.00	0.00000000 %	100.00000000 %	44,872	44,872	0.00438090 %	60.51
QUAD COUNTY CORN PROCESSORS COOPERATIVE	607.05	0.04560379 %	99.95439621 %	1,426,746	1,426,095	0.13923125 %	1,923.17
RAHR CORPORATION	71.99	0.00540815 %	99.99459185 %	597,200	597,167	0.05830208 %	805.31
REDFIELD ENERGY, LLC	134.99	0.01014094 %	99.98985906 %	633,081	633,016	0.06180206 %	853.66
REG ALBERT LEA, LLC	602.57	0.04526724 %	99.95473276 %	95,274	95,230	0.00929741 %	128.42
ROCK RAPIDS MUNICIPAL UTILITIES	0.00	0.00000000 %	100.00000000 %	127,943	127,943	0.01249122 %	172.54
SEQUENT ENERGY MANAGEMENT LLC	1,895.93	0.14242912 %	99.85757088 %	1,901,708	1,898,999	0.18540139 %	2,560.90
SHEEHAN'S GAS COMPANY	0.00	0.00000000 %	100.00000000 %	152,386	152,386	0.01487762 %	205.50
SIOUXLAND ETHANOL, LLC	19.73	0.00148219 %	99.99851781 %	2,082,328	2,082,297	0.20329698 %	2,808.09
SOUTHWESTERN PUBLIC SERVICE COMPANY, A N	511,006.29	38.38864208 %	61.61135792 %	35,929,321	22,136,542	2.16121530 %	29,852.34
SUPERIOR WATER, LIGHT & POWER COMPANY	436.78	0.03281249 %	99.96718751 %	1,391,374	1,390,917	0.13579678 %	1,875.73

Northern Natural Gas Company
Daily Delivery Variance Charge Revenue Credit Report
For the Period April 2024 through October 2024

Schedule 3

Shipper Name	DDVC Paid	Percent of Total DDVCs	Inverse DDVCs Paid	Scheduled Quantities (SQ)	SQ * Inverse DDVCs Paid	Weighted Factor (Payback Percent)	Penalty Credit (h) = (g) * Total Credit Amount
(a)	(b) \$	(c)	(d) = 100% - c	(e) dth	(f) = d*e dth	(g) = f / Sum(f)	
SYMMETRY ENERGY SOLUTIONS, LLC (MN)	14,856.80	1.11609659 %	98.88390341 %	1,474,171	1,457,717	0.14231854 %	1,965.81
TENASKA MARKETING VENTURES	53,402.38	4.01178007 %	95.98821993 %	39,935,591	38,333,462	3.74253867 %	51,694.77
TEXAS GAS SERVICE, A DIVISION OF ONE GAS	0.00	0.00000000 %	100.00000000 %	25,495	25,495	0.00248911 %	34.38
TOWN OF BROOKLYN	0.00	0.00000000 %	100.00000000 %	65,460	65,460	0.00639093 %	88.28
TOWN OF SABULA	0.00	0.00000000 %	100.00000000 %	19,685	19,685	0.00192187 %	26.55
TULS RENEWABLE ENERGY LLC	95.15	0.00714801 %	99.99285199 %	0	0	0.00000000 %	0.00
UNITED ETHANOL LLC	189.32	0.01422240 %	99.98577760 %	1,770,443	1,770,191	0.17282572 %	2,387.20
UNITED STATES GYPSUM COMPANY	2,377.37	0.17859664 %	99.82140336 %	311,983	311,425	0.03040477 %	419.97
UPPER MICHIGAN ENERGY RESOURCES CORPORAT	8,073.48	0.60650904 %	99.39349096 %	5,169,412	5,138,059	0.50163443 %	6,928.95
VALENT BIOSCIENCES LLC	0.00	0.00000000 %	100.00000000 %	151,481	151,481	0.01478926 %	204.28
VILLAGE OF GOODHUE	0.00	0.00000000 %	100.00000000 %	65,238	65,238	0.00636926 %	87.98
VIROQUA GAS COMPANY A DIVISION OF MADISO	0.00	0.00000000 %	100.00000000 %	266,598	266,598	0.02602826 %	359.52
WALL LAKE MUNICIPAL GAS	28.73	0.00215830 %	99.99784170 %	28,716	28,715	0.00280348 %	38.72
WATERTOWN MUNICIPAL UTILITIES	207.31	0.01557388 %	99.98442612 %	0	0	0.00000000 %	0.00
WESTERN MINNESOTA MUNICIPAL POWER AGENCY	12,119.73	0.91047798 %	99.08952202 %	3,329,406	3,299,092	0.32209403 %	4,449.01
WESTROCK SHARED SERVICES, LLC	422.25	0.03172095 %	99.96827905 %	1,120,730	1,120,374	0.10938336 %	1,510.89
WISCONSIN ELECTRIC POWER COMPANY (GAS OP	0.00	0.00000000 %	100.00000000 %	8,078,866	8,078,866	0.78874870 %	10,894.79
WISCONSIN GAS LLC	3,690.47	0.27724146 %	99.72275854 %	18,822,233	18,770,049	1.83254083 %	25,312.44
WISCONSIN POWER AND LIGHT COMPANY	2,543.14	0.19104988 %	99.80895012 %	16,507,280	16,475,742	1.60854508 %	22,218.44
WOODBINE MUNICIPAL NATURAL GAS SYSTEMS	0.00	0.00000000 %	100.00000000 %	52,825	52,825	0.00515736 %	71.24
WOODRIVER ENERGY LLC	2,653.98	0.19937658 %	99.80062342 %	3,674,268	3,666,942	0.35800764 %	4,945.07
WORLD FUEL SERVICES, INC.	8,814.77	0.66219743 %	99.33780257 %	2,933,026	2,913,603	0.28445831 %	3,929.15
WTG GAS MARKETING, LLC	114,079.88	8.57009350 %	91.42990650 %	6,306,924	5,766,414	0.56298143 %	7,776.32
XTO ENERGY INC.	5,471.60	0.41104640 %	99.58895360 %	369,564	368,044	0.03593255 %	496.33
	\$1,331,139.27	100%		1,053,505,750	1,024,263,618	100%	\$1,381,275.47

Northern Natural Gas Company
Annual Penalty Revenue Crediting
Receipt Point Penalty
Charges and Interest Calculation
For the Period April 2024 through October 2024

Schedule 4

Month Invoiced	Penalty Amount Collected	FERC Interest	Days for First Invoice Month	Days Full Month	Partial Month Interest Rate	Full Month Interest Rate	Interest for First Month Billed	Interest for Full Month	Total Interest	Cumulative Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
			1/		d * c / 365	e * c / 365	2/	3/	i + h	4/
	\$	%					\$	\$	\$	\$
202404	1,999.77	8.50%								
202405	1,152.17	8.50%	9		0.0021	0.0000	4.20	0.00	4.20	2,003.97
202406	908.51	8.50%	7	30	0.0016	0.0070	1.84	14.03	15.87	3,156.14
202407	1,267.42	8.50%	10	31	0.0023	0.0072	2.09	22.72	24.81	4,064.65
202408	1,001.96	8.50%	9	31	0.0021	0.0072	2.66	29.27	31.93	5,404.68
202409	1,012.34	8.50%	8	30	0.0019	0.0070	1.90	37.83	39.74	6,406.64
202410	1,216.54	8.50%	11	31	0.0026	0.0072	2.63	46.13	48.76	7,418.98
202411	0.00	8.50%	6	30	0.0014	0.0070	1.70	51.93	53.64	8,777.65
202412	0.00	8.50%		31	0.0000	0.0072	0.00	63.20	63.20	8,777.65
202501	0.00	8.04%		31	0.0000	0.0068	0.00	59.69	59.69	8,777.65
202502	0.00	8.04%		13	0.0000	0.0029	0.00	25.46	25.46	8,926.00
202503	0.00	8.04%			0.0000	0.0000	0.00	0.00	0.00	8,926.00
202504	0.00	8.04%			0.0000	0.0000	0.00	0.00	0.00	8,926.00
202506	0.00	8.04%				0.0000	0.00	0.00	0.00	8,926.00
202507	0.00	8.04%				0.0000		0.00	0.00	8,926.00
202508	0.00	8.04%				0.0000		0.00	0.00	8,926.00
Totals	\$8,558.71						\$17.03	\$350.25	\$367.30	\$8,926.01

Footnotes

- 1/ The first month of interest is based on days from invoice due date to the end of the month.
- 2/ Penalty Amount Collected from prior month * Partial Month Interest rate.
- 3/ Cumulative Balance from prior month * Full Month Interest rate.
- 4/ Penalty Amount Collected from prior month plus Cumulative Balance from prior month plus Total Interest from previous quarters.

**Northern Natural Gas Company
Annual Penalty Revenue Crediting
Receipt Point Penalty Credit Report
For the Period April 2024 through October 2024**

Schedule 5

Shipper	Receipt Penalty Paid	Percent of Receipt Penalties Paid	Scheduled Volume	Scheduled Volume Factor at Point	Weighted Factor (Payback Percent)	Receipt Penalty Credit
(a)	(b)	(c)	(d)	(e)	(f)	(g)
		b / Sum(b)		d / Sum(d)	e * (1-c)	Total from Schedule 4 * f / Sum(f)
	\$		Dth			\$
BLACK HILLS SERVICE COMPANY, LLC	0.00	0.0000%	5,604	1.68479535%	1.68479535%	154.27 1/
CENTERPOINT ENERGY RESOURCES CORP., D/B/	0.00	0.0000%	100,662	30.26318163%	30.26318163%	2,771.13 2/
CLEAN ENERGY RENEWABLE FUELS, LLC	0.00	0.0000%	109,243	32.84298693%	32.84298693%	3,007.36 3/
GEVO NW IOWA RNG, LLC	7,946.11	92.8424%	0	0.00000000%	0.00000000%	0.00 4/
REEVE AGRI ENERGY, INC.	612.60	7.1576%	117,113	35.20903608%	32.68890682%	2,993.25 5/
Totals	\$ 8,558.71	100.0000%	332,622	100.00000000%	97.47987074%	\$ 8,926.01

Per Tariff Part 8, Section 57.B.2, Receipt Penalty Revenue shall be credited to "shippers that operate contiguous, onshore receipt points that do not have an Operator Balancing Agreement (OBA)."

1/ Black Hills Service Company, LLC is the point operator for Marshall Ridge Biogas Rec, POI 79582.

2/ CenterPoint Energy Minnesota Gas is the point operator for Waterville, POI 922.

3/ Clean Energy Renewable Fuels, LLC is agent for the operator of the East Dakotas Biogas point, POI 79540.

4/ Gevo NW Iowa RNG, LLC is the point operator for Gevo Biogas Receipt - Doon, IA, POI 79555.

5/ Reeve Agri Energy, Inc. is operator of Dodge City Biogas, POI 79338.