



414 Nicollet Mall
Minneapolis, MN 55401

September 1, 2022

—Via U.S. Mail and Electronic Filing—

Steve Kahl, Executive Secretary
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0408

**RE: 2022 ANNUAL COST OF GAS ADJUSTMENT (COG) TRUE-UP FILING
CASE NO. PU-22-9**

Dear Mr. Kahl:

Enclosed are the original and three copies of the Annual COG True-Up filing for Northern States Power Company, doing business as Xcel Energy.

On June 29, 2021, in Case No. PU-21-102 (the February 2021 Extreme Cold Weather Event Investigation – Natural Gas) the North Dakota Public Service Commission authorized the recovery of approximately \$32.5 million in costs from the February 2021 cold weather event, with an offset of approximately \$551,000 for the Northern Natural Gas Pipeline Refund. The net costs of approximately \$31.9 million was to be collected over a period of 15 months beginning July 1, 2021. On October 21, 2021, the Commission's June 29, 2021, Order in this proceeding was amended to allow for a 24-month amortization, from July 1, 2021, through June 30, 2023. Surcharge factors for the February 2021 cold weather event are shown as a separate charge in the Company's monthly Cost of Gas filings. We report the February Weather Event expenses and recovery-to-date this filing in Schedule A, page 2 of 2. The Company will continue to monitor the recovery and remove the charge from the monthly Cost of Gas rates if full recovery occurs prior to June 30, 2022. The Company plans to report on the final over- or under-recovery of this charge in our September 1, 2023 Cost of Gas True-up filing, and include the balance in our proposed true-up factors at that time.

Please contact Hui Chen at (612) 330-6749 or hui.chen@xcelenergy.com or me at (612) 330-7681 or lisa.r.peterson@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

LISA PETERSON
DIRECTOR, REGULATORY PRICING AND ANALYSIS

Enclosure

Northern States Power Company
Gas Operations - State of ND
SUMMARY OF COST OF GAS (COG) OVER/(UNDER) RECOVERY
Filed September 1, 2022

Schedule A
Page 1 of 2

<u>Cost of Gas Recovery Period: July 2021 - June 2022</u>	<u>Residential</u>	<u>C&I</u>	<u>Interruptible</u>	<u>Total</u>	<u>Ref.</u>
1 COG Expenses	\$26,135,879	\$40,988,099	\$9,738,382	\$76,862,360	Sch D2
2 COG Revenue	<u>\$27,314,614</u>	<u>\$42,726,669</u>	<u>\$9,282,635</u>	<u>\$79,323,918</u>	Sch E1
3 Subtotal: Excess(Deficient) COG Recovery	<u>\$1,178,736</u>	<u>\$1,738,570</u>	<u>(\$455,747)</u>	<u>\$2,461,558</u>	Line 1 + Line 2
4 Excess(Deficient) COG Recovery in Prior Period (Jul-2020 - Jun-2021)	(\$323,655)	(\$1,000,131)	(\$602,396)	(\$1,926,183)	True-Up*
5 Net True-up Charges/Credits Related to Prior Period	<u>\$315,664</u>	<u>\$1,039,591</u>	<u>\$475,870</u>	<u>\$1,831,125</u>	Sch C
6 Subtotal: Excess (Deficient) True-Up of Prior Period	<u>(\$7,991)</u>	<u>\$39,460</u>	<u>(\$126,526)</u>	<u>(\$95,058)</u>	Line 4 + Line 5
7 Net Excess (Deficient) COG Recovery (Jul-2021 - Jun-2022)	\$1,170,744	\$1,778,029	(\$582,273)	\$2,366,500	Line 3 + Line 6
8 Carrying Charges	<u>\$5,668</u>	<u>\$8,360</u>	<u>(\$2,191)</u>	<u>\$11,836</u>	Sch G
9 Total Excess (Deficient) COG Recovery (Jul-2021 - Jun-2022)	<u>\$1,176,412</u>	<u>\$1,786,389</u>	<u>(\$584,464)</u>	<u>\$2,378,336</u>	Line 7 + Line 8
10 Forecasted Therms for Next True-Up Period (Sept-2022 - Aug-2023)	41,598,551	63,288,549	19,211,042	124,098,142	Sch B
True-Up Factor (\$/therm) effective 9/1/2022 - 8/31/2023					Line 9 / Line 10
(\$0.02828) (\$0.02823) \$0.03042					

* Previous True-Up filing submitted 9/1/21

	<u>Residential</u>	<u>C&I</u>	<u>Interruptible</u>	<u>Total</u>	<u>Ref.</u>
2021 Feb 13-17 Extraordinary Expenses	\$12,389,170	\$17,222,043	\$2,889,618	\$32,500,831	True-up filing 9/1/2021
Pipeline Refund	(\$230,618)	(\$320,580)		(\$551,198)	
Net Extraordinary Expenses	\$12,158,552	\$16,901,464	\$2,889,618	\$31,949,633	
July 2021 through June 2022	\$6,978,366	\$10,266,036	\$1,309,238	\$18,553,640	Sche C
Total Recovery to 6/30/2022 (By Calculation)					
Over/(Under) Recovery	(\$5,180,186)	(\$6,635,428)	(\$1,580,380)	(\$13,395,993)	

Firm Sales	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	455,065	449,301	475,498	775,976	2,347,070	5,160,328	9,099,203	8,383,669	8,306,989	4,775,440	3,046,676	943,423	44,218,638
Commercial/Industrial	1,769,430	1,616,466	1,199,091	1,716,737	4,321,359	8,081,067	13,016,992	11,903,252	11,600,237	7,240,186	4,590,554	2,288,075	69,343,446
Interdepartmental	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Firm	1,769,430	1,616,466	1,199,091	1,716,737	4,321,359	8,081,067	13,016,992	11,903,252	11,600,237	7,240,186	4,590,554	2,288,075	69,343,446
Total Firm Sales (therms)	2,224,495	2,065,767	1,674,589	2,492,713	6,668,429	13,241,395	22,116,195	20,286,921	19,907,226	12,015,626	7,637,230	3,231,498	113,562,084
Interruptible Sales	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Small Interruptible	255,028	262,533	235,986	264,459	393,738	622,519	595,309	543,104	689,850	441,286	382,548	282,707	4,969,067
Large Interruptible	1,012,258	961,500	1,057,875	1,021,754	1,233,442	1,303,748	1,358,420	1,363,618	1,380,122	1,226,787	1,180,675	686,573	13,786,772
Total Interruptible Sales (therms)	1,267,286	1,224,033	1,293,861	1,286,213	1,627,180	1,926,267	1,953,729	1,906,722	2,069,972	1,668,073	1,563,223	969,280	18,755,839
Total North Dakota Sales (therms)	3,491,781	3,289,800	2,968,450	3,778,926	8,295,609	15,167,662	24,069,924	22,193,643	21,977,198	13,683,699	9,200,453	4,200,778	132,317,923
ND Transportation	924,430	939,313	799,079	377,521	1,992,263	1,432,413	1,764,919	1,783,369	1,590,212	1,792,512	1,595,208	1,285,899	16,277,138

State of MN	Total Dekatherms
Residential	38,825,460
Commercial/Industrial	23,084,478
Demand Billed	3,009,085
Total Firm	64,919,023
Small Interruptible	1,507,805
Medium and Large Interruptible	6,984,767
Total Interruptible	8,492,572
Total MN Sales (Dekatherms)	73,411,595
Demand Billed Demand	358,567

State of ND	
Residential	4,159,855
Commercial & Industrial	6,328,855
Total Firm	10,488,710
Small Interruptible	519,325
Medium and Large Interruptible	1,401,779
Total Interruptible	1,921,104
Total ND Sales (Dekatherms)	12,409,814

Class	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	455,065	449,301	475,498	775,976	2,347,070	5,160,328	9,099,203	8,383,669	8,306,989	4,775,440	3,046,676	943,423	44,218,638
	(\$0.02454)	(\$0.02454)	(\$0.00841)	\$0.00798	\$0.00798	\$0.00798	\$0.00798	\$0.00798	\$0.00798	\$0.00798	\$0.00798	\$0.00798	
	(\$11,167)	(\$11,026)	(\$3,997)	\$6,192	\$18,730	\$41,179	\$72,612	\$66,902	\$66,290	\$38,108	\$24,312	\$7,529	\$315,664
Commercial\Industrial	1,769,430	1,616,466	1,199,091	1,716,737	4,321,359	8,081,067	13,016,992	11,903,252	11,600,237	7,240,186	4,590,554	2,288,075	69,343,446
	(\$0.01970)	(\$0.01970)	(\$0.00144)	\$0.01711	\$0.01711	\$0.01711	\$0.01711	\$0.01711	\$0.01711	\$0.01711	\$0.01711	\$0.01711	
	(\$34,858)	(\$31,844)	(\$1,725)	\$29,373	\$73,939	\$138,267	\$222,721	\$203,665	\$198,480	\$123,880	\$78,544	\$39,149	\$1,039,591
Small Interruptible	255,028	262,533	235,986	264,459	393,738	622,519	595,309	543,104	689,850	441,286	382,548	282,707	4,969,067
	\$0.00760	\$0.00760	\$0.01819	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	
	\$1,938	\$1,995	\$4,293	\$7,656	\$11,399	\$18,022	\$17,234	\$15,723	\$19,971	\$12,775	\$11,075	\$8,184	\$130,265
Large Interruptible	1,012,258	961,500	1,057,875	1,021,754	1,233,442	1,303,748	1,358,420	1,363,618	1,380,122	1,226,787	1,180,675	686,573	13,786,772
	\$0.00760	\$0.00760	\$0.01819	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	\$0.02895	
	\$7,693	\$7,307	\$19,243	\$29,580	\$35,708	\$37,744	\$39,326	\$39,477	\$39,955	\$35,515	\$34,181	\$19,876	\$345,605
Total True-Up Revenue	(\$36,394)	(\$33,568)	\$17,814	\$72,801	\$139,776	\$235,212	\$351,893	\$325,767	\$324,696	\$210,278	\$148,112	\$74,738	\$1,831,125
Total Volume	3,491,781	3,289,800	2,968,450	3,778,926	8,295,609	15,167,662	24,069,924	22,193,643	21,977,198	13,683,699	9,200,453	4,200,778	132,317,923

Class	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	455,065	449,301	475,498	775,976	2,347,070	5,160,328	9,099,203	8,383,669	8,306,989	4,775,440	3,046,676	943,423	44,218,638
	\$0.39125	\$0.76822	\$0.76822	\$0.76822	\$0.47600	\$0.09318	\$0.09318	\$0.09318	\$0.09318	\$0.09318	\$0.22845	\$0.37272	
	\$178,046	\$345,162	\$365,287	\$596,120	\$1,117,194	\$480,839	\$847,864	\$781,190	\$774,045	\$444,975	\$696,011	\$351,633	\$6,978,366
Commercial\Industrial	1,769,430	1,616,466	1,199,091	1,716,737	4,321,359	8,081,067	13,016,992	11,903,252	11,600,237	7,240,186	4,590,554	2,288,075	69,343,446
	\$0.13829	\$0.27153	\$0.27153	\$0.27153	\$0.21204	\$0.13410	\$0.13410	\$0.13410	\$0.13410	\$0.13410	\$0.13410	\$0.13410	
	\$244,695	\$438,919	\$325,589	\$466,146	\$916,286	\$1,083,671	\$1,745,579	\$1,596,226	\$1,555,592	\$970,909	\$615,593	\$306,831	\$10,266,036
Small Interruptible	255,028	262,533	235,986	264,459	393,738	622,519	595,309	543,104	689,850	441,286	382,548	282,707	4,969,067
	\$0.05467	\$0.10735	\$0.10735	\$0.10735	\$0.08573	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	
	\$13,943	\$28,183	\$25,333	\$28,390	\$33,754	\$35,733	\$34,171	\$31,174	39,597.00	\$25,330	\$21,958	\$16,227.00	\$333,793
Large Interruptible	1,012,258	961,500	1,057,875	1,021,754	1,233,442	1,303,748	1,358,420	1,363,618	1,380,122	1,226,787	1,180,675	686,573	13,786,772
	\$0.05467	\$0.10735	\$0.10735	\$0.10735	\$0.08573	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	\$0.05740	
	\$55,344	\$103,217	\$113,563	\$109,685	\$105,739	\$74,835	\$77,973	\$78,272	\$79,219	\$70,418	\$67,771	\$39,409	\$975,445
Total True-Up Revenue	\$492,028	\$915,481	\$829,772	\$1,200,341	\$2,172,973	\$1,675,078	\$2,705,587	\$2,486,862	\$2,448,453	\$1,511,632	\$1,401,333	\$714,100	\$18,553,640

Demand Expense	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Total
Total Demand	\$3,716,304	\$3,556,163	\$3,547,398	\$3,698,506	\$3,707,796	\$8,789,695	\$8,967,102	\$8,976,015	\$8,968,375	\$9,006,761	\$3,740,599	\$3,773,038	\$70,447,752
less Shared Transport Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General System Demand	\$3,716,304	\$3,556,163	\$3,547,398	\$3,698,506	\$3,707,796	\$8,789,695	\$8,967,102	\$8,976,015	\$8,968,375	\$9,006,761	\$3,740,599	\$3,773,038	\$70,447,752
<u>General System Demand Allocation</u>													
MN Design Day Allocator	87.27%	87.27%	87.27%	87.27%	87.27%	87.39%	87.39%	87.39%	87.39%	87.39%	87.39%	87.39%	
ND Design Day Allocator	12.73%	12.73%	12.73%	12.73%	12.73%	12.61%	12.61%	12.61%	12.61%	12.61%	12.61%	12.61%	
MN General System Demand Exp	\$3,243,219	\$3,103,464	\$3,095,814	\$3,227,686	\$3,235,794	\$7,681,314	\$7,836,350	\$7,844,139	\$7,837,463	\$7,871,008	\$3,268,909	\$3,297,258	\$61,542,419
ND General System Demand Exp	\$473,086	\$452,700	\$451,584	\$470,820	\$472,002	\$1,108,381	\$1,130,752	\$1,131,875	\$1,130,912	\$1,135,753	\$471,689	\$475,780	\$8,905,333
<u>Penalty Credit Allocation</u>													
Curtailment Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$339,200	\$957,120	\$147,620	\$9,970	\$0	\$232,255	\$1,686,165
Curtailment Penalty - Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Balancing Penalty	\$4,482	(\$1,994)	\$3,485	\$5,538	\$9,846	\$6,614	\$12,728	\$15,836	\$31,904	\$17,169	\$9,146	\$37,629	\$152,381
Total Penalty Credit	\$4,482	(\$1,994)	\$3,485	\$5,538	\$9,846	\$6,614	\$351,928	\$972,956	\$179,524	\$27,139	\$9,146	\$269,884	\$1,838,546
MN Penalty Credit (Design Day Alloc)	\$3,911	(\$1,740)	\$3,041	\$4,833	\$8,592	\$5,780	\$307,550	\$850,266	\$156,886	\$23,716	\$7,993	\$235,851	\$1,606,679
ND Penalty Credit (Design Day Alloc)	\$571	(\$254)	\$444	\$705	\$1,253	\$834	\$44,378	\$122,690	\$22,638	\$3,422	\$1,153	\$34,032	\$231,866
<u>Total Demand Expense by State</u>													
Total MN Demand Exp	\$3,243,219	\$3,103,464	\$3,095,814	\$3,227,686	\$3,235,794	\$7,681,314	\$7,836,350	\$7,844,139	\$7,837,463	\$7,871,008	\$3,268,909	\$3,297,258	\$61,542,419
less Penalty Credit - MN	\$3,911	(\$1,740)	\$3,041	\$4,833	\$8,592	\$5,780	\$307,550	\$850,266	\$156,886	\$23,716	\$7,993	\$235,851	\$1,606,679
Total MN Adjusted	\$3,239,307	\$3,105,204	\$3,092,773	\$3,222,853	\$3,227,201	\$7,675,535	\$7,528,800	\$6,993,873	\$7,680,578	\$7,847,292	\$3,260,917	\$3,061,406	\$59,935,739
Total ND Demand Exp	\$473,086	\$452,700	\$451,584	\$470,820	\$472,002	\$1,108,381	\$1,130,752	\$1,131,875	\$1,130,912	\$1,135,753	\$471,689	\$475,780	\$8,905,333
less Penalty Credit - ND	\$571	(\$254)	\$444	\$705	\$1,253	\$834	\$44,378	\$122,690	\$22,638	\$3,422	\$1,153	\$34,032	\$231,866
less ND NNG Credit	\$0	\$103,991	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,991
Total ND Adjusted	\$472,515	\$348,962	\$451,140	\$470,115	\$470,749	\$1,107,547	\$1,086,373	\$1,009,186	\$1,108,274	\$1,132,330	\$470,536	\$441,748	\$8,569,475
<u>Commodity & Peakshaving Expense</u>													
Comm & Pkg w/o Interruptible Cap Purch	\$7,137,611	\$11,155,070	\$10,521,695	\$9,647,083	\$25,727,238	\$49,283,844	\$64,759,962	\$86,166,135	\$77,907,837	\$50,480,514	\$49,219,311	\$22,878,401	\$464,884,701
Interruptible Capacity Purchases	\$0	\$0	\$0	\$458	\$285	\$3,544	\$8,536	\$18,646	\$513	\$16,337	\$58,896	\$2,509	\$109,723
Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Kansas Tax (Current Year)	\$16,048	\$14,304	\$14,840	\$16,949	\$35,743	\$63,895	\$91,721	\$94,343	\$77,387	\$65,080	\$36,635	\$20,691	\$547,635
Kansas Tax (Adjustment for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	(\$63,324)	\$0	\$0	\$0	\$0	\$0	(\$63,324)
Total Commodity & Peaking	\$7,153,658	\$11,169,374	\$10,536,535	\$9,664,490	\$25,763,267	\$49,351,283	\$64,796,895	\$86,279,124	\$77,985,737	\$50,561,931	\$49,314,842	\$22,901,600	\$465,478,735
MN Sales Allocator	83.71%	84.23%	85.46%	85.13%	84.91%	85.33%	85.15%	85.21%	85.70%	85.92%	85.40%	85.07%	
ND Sales Allocator	16.29%	15.77%	14.54%	14.87%	15.09%	14.67%	14.85%	14.79%	14.30%	14.08%	14.60%	14.93%	
MN Comm & Pkg w/o Interruptible Cap Purc	\$5,974,894	\$9,395,915	\$8,991,840	\$8,212,562	\$21,844,998	\$42,053,904	\$55,143,108	\$73,422,164	\$66,767,016	\$43,372,858	\$42,033,292	\$19,462,655	\$396,675,207
MN Interruptible Capacity Purchases	\$0	\$0	\$0	\$390	\$242	\$3,024	\$7,268	\$15,888	\$440	\$14,037	\$50,297	\$2,134	\$93,720
MN Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0
MN Kansas Tax (Current Year)	\$13,583	\$12,162	\$12,553	\$14,258	\$30,464	\$55,095	\$78,900	\$81,650	\$66,853	\$56,047	\$31,612	\$17,667	\$470,844
MN Kansas Tax (Adjustment to Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	(\$53,920)	\$0	\$0	\$0	\$0	\$0	(\$53,920)
MN Comm. & Peaking Expense	\$5,988,476	\$9,408,077	\$9,004,394	\$8,227,209	\$21,875,704	\$42,112,024	\$55,175,356	\$73,519,702	\$66,834,309	\$43,442,941	\$42,115,201	\$19,482,456	\$397,185,850
ND Comm & Pkg w/o Interruptible Cap Purc	\$1,162,717	\$1,759,154	\$1,529,854	\$1,434,521	\$3,882,240	\$7,229,940	\$9,616,854	\$12,743,971	\$11,140,821	\$7,107,656	\$7,186,019	\$3,415,745	\$68,209,495
ND Interruptible Capacity Purchases	\$0	\$0	\$0	\$68	\$43	\$520	\$1,268	\$2,758	\$73	\$2,300	\$8,599	\$375	\$16,003
ND Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0
ND Kansas Tax	\$2,465	\$2,142	\$2,286	\$2,691	\$5,279	\$8,800	\$3,417	\$12,692	\$10,534	\$9,033	\$5,023	\$3,024	\$67,387
ND Comm. & Peaking Expense	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,281	\$3,887,563	\$7,239,260	\$9,621,539	\$12,759,421	\$11,151,428	\$7,118,989	\$7,199,641	\$3,419,144	\$68,292,885

Expense	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Total
Commodity & Peaking	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,281	\$3,887,563	\$7,239,260	\$9,621,539	\$12,759,421	\$11,151,428	\$7,118,989	\$7,199,641	\$3,419,144	\$68,292,885
Demand	\$472,515	\$348,962	\$451,140	\$470,115	\$470,749	\$1,107,547	\$1,086,373	\$1,009,186	\$1,108,274	\$1,132,330	\$470,536	\$441,748	\$8,569,475
Total	\$1,637,697	\$2,110,258	\$1,983,281	\$1,907,395	\$4,358,312	\$8,346,806	\$10,707,912	\$13,768,607	\$12,259,702	\$8,251,320	\$7,670,178	\$3,860,891	\$76,862,360

Revenue	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Commodity & Peaking	\$945,470	\$1,165,742	\$1,198,912	\$1,757,319	\$4,399,837	\$8,393,561	\$13,157,773	\$12,410,583	\$11,531,491	\$6,407,490	\$4,609,258	\$3,064,253	\$69,041,688
Demand	\$106,598	\$98,992	\$79,324	\$116,683	\$479,149	\$1,388,698	\$2,337,903	\$2,144,531	\$2,104,393	\$915,881	\$358,585	\$151,493	\$10,282,230
Total	\$1,052,068	\$1,264,734	\$1,278,236	\$1,874,002	\$4,878,986	\$9,782,259	\$15,495,676	\$14,555,114	\$13,635,884	\$7,323,371	\$4,967,843	\$3,215,746	\$79,323,918

Over/(Under)	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Commodity & Peaking	(\$219,712)	(\$595,555)	(\$333,229)	\$320,039	\$512,274	\$1,154,301	\$3,536,234	(\$348,839)	\$380,062	(\$711,499)	(\$2,590,383)	(\$354,891)	\$748,803
Demand	(\$365,917)	(\$249,970)	(\$371,816)	(\$353,432)	\$8,400	\$281,151	\$1,251,530	\$1,135,345	\$996,119	(\$216,449)	(\$111,951)	(\$290,255)	\$1,712,755
Total	(\$585,629)	(\$845,524)	(\$705,045)	(\$33,393)	\$520,674	\$1,435,453	\$4,787,763	\$786,506	\$1,376,181	(\$927,948)	(\$2,702,334)	(\$645,146)	\$2,461,558

	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Total
Demand Expense	\$472,515	\$348,962	\$451,140	\$470,115	\$470,749	\$1,107,547	\$1,086,373	\$1,009,186	\$1,108,274	\$1,132,330	\$470,536	\$441,748	\$8,569,475

Annual Firm Billed Sales Allocator

Residential	44,218,638	38.94%
Commercial/Industrial	69,343,446	61.06%
Total	113,562,084	100.00%

Demand Expense Allocation to Class

Residential	\$183,997	\$135,886	\$175,674	\$183,063	\$183,310	\$431,279	\$423,034	\$392,977	\$431,562	\$440,929	\$183,227	\$172,017	\$3,336,954
Commercial/Industrial	\$288,518	\$213,076	\$275,466	\$287,052	\$287,439	\$676,268	\$663,340	\$616,209	\$676,712	\$691,401	\$287,309	\$269,731	\$5,232,522
Total Demand Expense	\$472,515	\$348,962	\$451,140	\$470,115	\$470,749	\$1,107,547	\$1,086,373	\$1,009,186	\$1,108,274	\$1,132,330	\$470,536	\$441,748	\$8,569,475

Demand Revenue

	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	\$21,807	\$21,531	\$22,524	\$36,323	\$168,645	\$541,192	\$961,877	\$886,238	\$878,132	\$364,004	\$143,048	\$44,228	\$4,089,549
Commercial/Industrial	\$84,791	\$77,461	\$56,800	\$80,360	\$310,504	\$847,506	\$1,376,026	\$1,258,293	\$1,226,261	\$551,877	\$215,537	\$107,265	\$6,192,681
Total Demand Revenue	\$106,598	\$98,992	\$79,324	\$116,683	\$479,149	\$1,388,698	\$2,337,903	\$2,144,531	\$2,104,393	\$915,881	\$358,585	\$151,493	\$10,282,230

Demand Over/(Under)

	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	(\$162,190)	(\$114,355)	(\$153,150)	(\$146,740)	(\$14,665)	\$109,913	\$538,843	\$493,261	\$446,570	(\$76,925)	(\$40,179)	(\$127,789)	\$752,595
Commercial/Industrial	(\$203,727)	(\$135,615)	(\$218,666)	(\$206,692)	\$23,065	\$171,238	\$712,686	\$642,084	\$549,549	(\$139,524)	(\$71,772)	(\$162,466)	\$960,159
Total Demand Over/(Under)	(\$365,917)	(\$249,970)	(\$371,816)	(\$353,432)	\$8,400	\$281,151	\$1,251,530	\$1,135,345	\$996,119	(\$216,449)	(\$111,951)	(\$290,255)	\$1,712,755

	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Total
<u>Expense</u>													
ND Comm. & Peaking Expense	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,281	\$3,887,563	\$7,239,260	\$9,621,539	\$12,759,421	\$11,151,428	\$7,118,989	\$7,199,641	\$3,419,144	\$68,292,885
less ND Interruptible Capacity Purch	\$0	\$0	\$0	(\$68)	(\$43)	(\$520)	(\$1,268)	(\$2,758)	(\$73)	(\$2,300)	(\$8,599)	(\$375)	(\$16,003)
less ND Int. Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ND Comm & Pkg w/o Int Cap Purch	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,213	\$3,887,520	\$7,238,740	\$9,620,271	\$12,756,664	\$11,151,355	\$7,116,689	\$7,191,043	\$3,418,769	\$68,276,882

Sales Allocator

Residential	13.03%	13.66%	16.02%	20.53%	28.29%	34.02%	37.80%	37.78%	37.80%	34.90%	33.11%	22.46%	
Commercial/Industrial	50.67%	49.14%	40.39%	45.43%	52.09%	53.28%	54.08%	53.63%	52.78%	52.91%	49.89%	54.47%	
Small Interruptible	7.30%	7.98%	7.95%	7.00%	4.75%	4.10%	2.47%	2.45%	3.14%	3.22%	4.16%	6.73%	
Large Interruptible	28.99%	29.23%	35.64%	27.04%	14.87%	8.60%	5.64%	6.14%	6.28%	8.97%	12.83%	16.34%	
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

Commodity & Peakshaving Expense without Interruptible Capacity Purchases

Residential	\$151,852	\$240,547	\$245,424	\$295,122	\$1,099,893	\$2,462,757	\$3,636,771	\$4,818,841	\$4,215,013	\$2,483,636	\$2,381,272	\$767,797	\$22,798,925
Commercial/Industrial	\$590,446	\$865,425	\$618,901	\$652,915	\$2,025,092	\$3,856,675	\$5,202,633	\$6,841,859	\$5,886,026	\$3,765,514	\$3,587,961	\$1,862,131	\$35,755,578
Small Interruptible	\$85,101	\$140,555	\$121,802	\$100,580	\$184,515	\$297,096	\$237,933	\$312,170	\$350,034	\$229,506	\$298,998	\$230,079	\$2,588,370
Large Interruptible	\$337,783	\$514,769	\$546,013	\$388,597	\$578,020	\$622,211	\$542,934	\$783,793	\$700,282	\$638,034	\$922,812	\$558,762	\$7,134,009
Total Comm & Peakshaving Exp	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,213	\$3,887,520	\$7,238,740	\$9,620,271	\$12,756,664	\$11,151,355	\$7,116,689	\$7,191,043	\$3,418,769	\$68,276,882

Sales Allocator

Small Interruptible	20.12%	21.45%	18.24%	20.56%	24.20%	32.32%	30.47%	28.48%	33.33%	26.45%	24.47%	29.17%	
Large Interruptible	79.88%	78.55%	81.76%	79.44%	75.80%	67.68%	69.53%	71.52%	66.67%	73.55%	75.53%	70.83%	
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

Direct Assignment of Interruptible Capacity Purchase & Shared Transport Expenses

Small Interruptible	\$0	\$0	\$0	\$14	\$10	\$168	\$386	\$785	\$24	\$609	\$2,104	\$109	\$4,211
Large Interruptible	\$0	\$0	\$0	\$54	\$33	\$352	\$881	\$1,972	\$49	\$1,692	\$6,495	\$265	\$11,793
Total Comm & Peakshaving Exp	\$0	\$0	\$0	\$68	\$43	\$520	\$1,268	\$2,758	\$73	\$2,300	\$8,599	\$375	\$16,003

Total Commodity & Peakshaving Expense

Residential	\$151,852	\$240,547	\$245,424	\$295,122	\$1,099,893	\$2,462,757	\$3,636,771	\$4,818,841	\$4,215,013	\$2,483,636	\$2,381,272	\$767,797	\$22,798,925
Commercial/Industrial	\$590,446	\$865,425	\$618,901	\$652,915	\$2,025,092	\$3,856,675	\$5,202,633	\$6,841,859	\$5,886,026	\$3,765,514	\$3,587,961	\$1,862,131	\$35,755,578
Small Interruptible	\$85,101	\$140,555	\$121,802	\$100,594	\$184,525	\$297,264	\$238,319	\$312,956	\$350,058	\$230,115	\$301,102	\$230,188	\$2,592,581
Large Interruptible	\$337,783	\$514,769	\$546,013	\$388,651	\$578,053	\$622,563	\$543,815	\$785,765	\$700,331	\$639,725	\$929,306	\$559,027	\$7,145,801
Total Comm & Peakshaving Exp	\$1,165,182	\$1,761,297	\$1,532,141	\$1,437,281	\$3,887,563	\$7,239,260	\$9,621,539	\$12,759,421	\$11,151,428	\$7,118,989	\$7,199,641	\$3,419,144	\$68,292,885

<u>Commodity & Peakshaving Revenue</u>	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	\$92,530	\$165,110	\$188,091	\$377,823	\$1,182,179	\$2,873,456	\$4,969,731	\$4,686,940	\$4,385,561	\$2,245,032	\$1,369,607	\$689,006	\$23,225,065
Commercial/Industrial	\$512,457	\$573,484	\$512,039	\$805,484	\$2,329,358	\$4,453,436	\$7,125,667	\$6,660,448	\$6,056,869	\$3,393,830	\$2,440,703	\$1,670,213	\$36,533,988
Small Interruptible	\$77,724	\$94,046	\$93,128	\$125,407	\$213,161	\$343,303	\$324,988	\$303,289	\$357,226	\$202,937	\$203,432	\$208,091	\$2,546,731
Large Interruptible	\$262,759	\$333,103	\$405,653	\$448,605	\$675,139	\$723,366	\$737,387	\$759,906	\$731,835	\$565,691	\$595,517	\$496,943	\$6,735,903
Total Comm & Peakshaving Rev	\$945,470	\$1,165,742	\$1,198,912	\$1,757,319	\$4,399,837	\$8,393,561	\$13,157,773	\$12,410,583	\$11,531,491	\$6,407,490	\$4,609,258	\$3,064,253	\$69,041,688

<u>Commodity & Peakshaving - Over/(Unr</u>	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	(\$59,322)	(\$75,437)	(\$57,333)	\$82,702	\$82,286	\$410,699	\$1,332,960	(\$131,902)	\$170,548	(\$238,604)	(\$1,011,665)	(\$78,791)	\$426,140
Commercial/Industrial	(\$77,989)	(\$291,942)	(\$106,861)	\$152,570	\$304,266	\$596,761	\$1,923,033	(\$181,411)	\$170,843	(\$371,683)	(\$1,147,259)	(\$191,919)	\$778,410
Small Interruptible	(\$7,377)	(\$46,510)	(\$28,674)	\$24,813	\$28,636	\$46,039	\$86,668	(\$9,667)	\$7,168	(\$27,178)	(\$97,671)	(\$22,097)	(\$45,849)
Large Interruptible	(\$75,025)	(\$181,666)	(\$140,361)	\$59,954	\$97,087	\$100,802	\$193,572	(\$25,859)	\$31,504	(\$74,034)	(\$333,789)	(\$62,084)	(\$409,898)
Total Comm & Peak Over/(Under)	(\$219,712)	(\$595,555)	(\$333,229)	\$320,039	\$512,274	\$1,154,301	\$3,536,234	(\$348,839)	\$380,062	(\$711,499)	(\$2,590,383)	(\$354,891)	\$748,803

	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	\$114,337	\$186,641	\$210,615	\$414,146	\$1,350,824	\$3,414,648	\$5,931,608	\$5,573,178	\$5,263,693	\$2,609,036	\$1,512,655	\$733,234	\$27,314,614
Sm Commercial/Industrial	\$597,248	\$650,945	\$568,839	\$885,844	\$2,639,862	\$5,300,942	\$8,501,693	\$7,918,741	\$7,283,130	\$3,945,707	\$2,656,240	\$1,777,478	\$42,726,669
Small Interruptible	\$77,724	\$94,046	\$93,128	\$125,407	\$213,161	\$343,303	\$324,988	\$303,289	\$357,226	\$202,937	\$203,432	\$208,091	\$2,546,731
Large Interruptible	\$262,759	\$333,103	\$405,653	\$448,605	\$675,139	\$723,366	\$737,387	\$759,906	\$731,835	\$565,691	\$595,517	\$496,943	\$6,735,903
Total	\$1,052,068	\$1,264,734	\$1,278,236	\$1,874,002	\$4,878,986	\$9,782,259	\$15,495,676	\$14,555,114	\$13,635,884	\$7,323,371	\$4,967,843	\$3,215,746	\$79,323,918

Class	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential	455,065	449,301	475,498	775,976	2,347,070	5,160,328	9,099,203	8,383,669	8,306,989	4,775,440	3,046,676	943,423	44,218,638
	\$0.04792	\$0.04792	\$0.04737	\$0.04681	\$0.07185	\$0.10488	\$0.10571	\$0.10571	\$0.10571	\$0.07622	\$0.04695	\$0.04688	
	\$21,807	\$21,531	\$22,524	\$36,323	\$168,645	\$541,192	\$961,877	\$886,238	\$878,132	\$364,004	\$143,048	\$44,228	\$4,089,549
Commercial/Industrial	1,769,430	1,616,466	1,199,091	1,716,737	4,321,359	8,081,067	13,016,992	11,903,252	11,600,237	7,240,186	4,590,554	2,288,075	69,343,446
	\$0.04792	\$0.04792	\$0.04737	\$0.04681	\$0.07185	\$0.10488	\$0.10571	\$0.10571	\$0.10571	\$0.07622	\$0.04695	\$0.04688	
	\$84,791	\$77,461	\$56,800	\$80,360	\$310,504	\$847,506	\$1,376,026	\$1,258,293	\$1,226,261	\$551,877	\$215,537	\$107,265	\$6,192,681
Demand Revenue	\$106,598	\$98,992	\$79,324	\$116,683	\$479,149	\$1,388,698	\$2,337,903	\$2,144,531	\$2,104,393	\$915,881	\$358,585	\$151,493	\$10,282,230
Total Demand Revenue	\$106,598	\$98,992	\$79,324	\$116,683	\$479,149	\$1,388,698	\$2,337,903	\$2,144,531	\$2,104,393	\$915,881	\$358,585	\$151,493	\$10,282,230

Class	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total
Residential													
Total Revenue	\$114,337	\$186,641	\$210,615	\$414,146	\$1,350,824	\$3,414,648	\$5,931,608	\$5,573,178	\$5,263,693	\$2,609,036	\$1,512,655	\$733,234	\$27,314,614
less Demand Revenue	\$21,807	\$21,531	\$22,524	\$36,323	\$168,645	\$541,192	\$961,877	\$886,238	\$878,132	\$364,004	\$143,048	\$44,228	\$4,089,549
Commodity & Peakshaving Revenue	\$92,530	\$165,110	\$188,091	\$377,823	\$1,182,179	\$2,873,456	\$4,969,731	\$4,686,940	\$4,385,561	\$2,245,032	\$1,369,607	\$689,006	\$23,225,065
Commercial/Industrial													
Total Revenue	\$597,248	\$650,945	\$568,839	\$885,844	\$2,639,862	\$5,300,942	\$8,501,693	\$7,918,741	\$7,283,130	\$3,945,707	\$2,656,240	\$1,777,478	\$42,726,669
less Demand Revenue	\$84,791	\$77,461	\$56,800	\$80,360	\$310,504	\$847,506	\$1,376,026	\$1,258,293	\$1,226,261	\$551,877	\$215,537	\$107,265	\$6,192,681
Commodity & Peakshaving Revenue	\$512,457	\$573,484	\$512,039	\$805,484	\$2,329,358	\$4,453,436	\$7,125,667	\$6,660,448	\$6,056,869	\$3,393,830	\$2,440,703	\$1,670,213	\$36,533,988
Small Interruptible													
Commodity & Peakshaving Revenue	\$77,724	\$94,046	\$93,128	\$125,407	\$213,161	\$343,303	\$324,988	\$303,289	\$357,226	\$202,937	\$203,432	\$208,091	\$2,546,731
Large Interruptible													
Commodity & Peakshaving Revenue	\$262,759	\$333,103	\$405,653	\$448,605	\$675,139	\$723,366	\$737,387	\$759,906	\$731,835	\$565,691	\$595,517	\$496,943	\$6,735,903
Commodity & Peakshaving Revenue													
Commodity & Peakshaving Revenue	\$945,470	\$1,165,742	\$1,198,912	\$1,757,319	\$4,399,837	\$8,393,561	\$13,157,773	\$12,410,583	\$11,531,491	\$6,407,490	\$4,609,258	\$3,064,253	\$69,041,688
Demand Revenue	\$106,598	\$98,992	\$79,324	\$116,683	\$479,149	\$1,388,698	\$2,337,903	\$2,144,531	\$2,104,393	\$915,881	\$358,585	\$151,493	\$10,282,230
Total Revenue	\$1,052,068	\$1,264,734	\$1,278,236	\$1,874,002	\$4,878,986	\$9,782,259	\$15,495,676	\$14,555,114	\$13,635,884	\$7,323,371	\$4,967,843	\$3,215,746	\$79,323,918

JUL					AUG				SEP			
<u>Cycle</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>
1	1-Jul	0	29		2-Aug	1	32					
2	2-Jul	1	29		3-Aug	2	32		1-Sep	0	29	
3	6-Jul	5	32		4-Aug	3	29		2-Sep	1	29	
4	7-Jul	6	30		5-Aug	4	29		3-Sep	2	29	
5	8-Jul	7	30		6-Aug	5	29		7-Sep	6	32	
6	9-Jul	8	30		9-Aug	8	31		8-Sep	7	30	
7	12-Jul	11	32		10-Aug	9	29		9-Sep	8	30	
8	13-Jul	12	32		11-Aug	10	29		10-Sep	9	30	
9	14-Jul	13	30		12-Aug	11	29		13-Sep	12	32	
10	15-Jul	14	30		13-Aug	12	29		14-Sep	13	32	
11	16-Jul	15	30		16-Aug	15	31		15-Sep	14	30	
12	19-Jul	18	32		17-Aug	16	29		16-Sep	15	30	
13	20-Jul	19	32		18-Aug	17	29		17-Sep	16	30	
14	21-Jul	20	30		19-Aug	18	29		20-Sep	19	32	
15	22-Jul	21	30		20-Aug	19	29		21-Sep	20	32	
16	23-Jul	22	30		23-Aug	22	31		22-Sep	21	30	
17	26-Jul	25	32		24-Aug	23	29		23-Sep	22	30	
18	27-Jul	26	32		25-Aug	24	29		24-Sep	23	30	
19	28-Jul	27	30		26-Aug	25	29		27-Sep	26	32	
20	29-Jul	28	30		27-Aug	26	29		28-Sep	27	32	
21	30-Jul	29	30		30-Aug	29	31		29-Sep	28	30	
1					31-Aug	29	29		30-Sep	29	30	
Total		327	642	0.5093		328	652	0.5031		318	641	0.4961

OCT					NOV				DEC			
<u>Cycle</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>
1									1-Dec	0	33	
2	1-Oct	0	30		1-Nov	0	31		2-Dec	1	31	
3	4-Oct	3	32		2-Nov	1	29		3-Dec	2	31	
4	5-Oct	4	32		3-Nov	2	29		6-Dec	5	33	
5	6-Oct	5	29		4-Nov	3	29		7-Dec	6	33	
6	7-Oct	6	29		5-Nov	4	29		8-Dec	7	33	
7	8-Oct	7	29		8-Nov	7	31		9-Dec	8	31	
8	11-Oct	10	31		9-Nov	8	29		10-Dec	9	31	
9	12-Oct	11	29		10-Nov	9	29		13-Dec	12	33	
10	13-Oct	12	29		11-Nov	10	29		14-Dec	13	33	
11	14-Oct	13	29		12-Nov	11	29		15-Dec	14	33	
12	15-Oct	14	29		15-Nov	14	31		16-Dec	15	31	
13	18-Oct	17	31		16-Nov	15	29		17-Dec	16	31	
14	19-Oct	18	29		17-Nov	16	29		20-Dec	19	33	
15	20-Oct	19	29		18-Nov	17	29		21-Dec	20	33	
16	21-Oct	20	29		19-Nov	18	29		22-Dec	21	33	
17	22-Oct	21	29		22-Nov	21	31		23-Dec	22	31	
18	25-Oct	24	31		23-Nov	22	29		28-Dec	27	35	
19	26-Oct	25	29		24-Nov	23	29		29-Dec	28	35	
20	27-Oct	26	29		29-Nov	28	33		30-Dec	29	31	
21	28-Oct	27	29		30-Nov	29	33		31-Dec	30	31	
1	29-Oct	28	29									
Total		310	622	0.4984		258	596	0.4329		304	679	0.4477

JAN					FEB				MAR			
<u>Cycle</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>
19									1-Mar	0	32	
20									2-Mar	1	30	
21					1-Feb	0	32		3-Mar	2	30	
1	4-Jan	3	34		2-Feb	1	29		4-Mar	3	30	
2	5-Jan	4	34		3-Feb	2	29		7-Mar	6	32	
3	6-Jan	5	34		4-Feb	3	29		8-Mar	7	32	
4	7-Jan	6	32		7-Feb	6	31		9-Mar	8	30	
5	10-Jan	9	34		8-Feb	7	29		10-Mar	9	30	
6	11-Jan	10	34		9-Feb	8	29		11-Mar	10	30	
7	12-Jan	11	34		10-Feb	9	29		14-Mar	13	32	
8	13-Jan	12	34		11-Feb	10	29		15-Mar	14	32	
9	14-Jan	13	32		14-Feb	13	31		16-Mar	15	30	
10	17-Jan	16	34		15-Feb	14	29		17-Mar	16	30	
11	18-Jan	17	34		16-Feb	15	29		18-Mar	17	30	
12	19-Jan	18	34		17-Feb	16	29		21-Mar	20	32	
13	20-Jan	19	34		18-Feb	17	29		22-Mar	21	32	
14	21-Jan	20	32		22-Feb	21	32		23-Mar	22	29	
15	24-Jan	23	34		23-Feb	22	30		24-Mar	23	29	
16	25-Jan	24	34		24-Feb	23	30		25-Mar	24	29	
17	26-Jan	25	34		25-Feb	24	30		28-Mar	27	31	
18	27-Jan	26	30		28-Feb	27	32		29-Mar	28	29	
19	28-Jan	27	30						30-Mar	29	29	
20	31-Jan	30	32						31-Mar	29	29	
21												
Total		318	664	0.4789		238	567	0.4198		344	667	0.5157
APR					MAY				JUN			
<u>Cycle</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>	<u>Date</u>	<u>On</u>	<u>Days</u>	<u>Factor</u>
21	1-Apr	0	29		2-May	1	31		1-Jun	0	30	
1	4-Apr	3	31		3-May	2	29		2-Jun	1	30	
2	5-Apr	4	29		4-May	3	29		3-Jun	2	30	
3	6-Apr	5	29		5-May	4	29		6-Jun	5	32	
4	7-Apr	6	29		6-May	5	29		7-Jun	6	32	
5	8-Apr	7	29		9-May	8	31		8-Jun	7	30	
6	11-Apr	10	31		10-May	9	29		9-Jun	8	30	
7	12-Apr	11	29		11-May	10	29		10-Jun	9	30	
8	13-Apr	12	29		12-May	11	29		13-Jun	12	32	
9	14-Apr	13	29		13-May	12	29		14-Jun	13	32	
10	15-Apr	14	29		16-May	15	31		15-Jun	14	30	
11	18-Apr	17	31		17-May	16	29		16-Jun	15	30	
12	19-Apr	18	29		18-May	17	29		17-Jun	16	30	
13	20-Apr	19	29		19-May	18	29		20-Jun	19	32	
14	21-Apr	20	29		20-May	19	29		21-Jun	20	32	
15	22-Apr	21	29		23-May	22	31		22-Jun	21	30	
16	25-Apr	24	31		24-May	23	29		23-Jun	22	30	
17	26-Apr	25	29		25-May	24	29		24-Jun	23	30	
18	27-Apr	26	29		26-May	25	29		27-Jun	26	32	
19	28-Apr	27	29		27-May	26	29		28-Jun	27	32	
20	29-Apr	28	29		31-May	30	32		29-Jun	28	29	
21									30-Jun	29	29	
Total		310	617	0.5024		300	620	0.4839		323	674	0.4792

Mo	Description	Multiplier	Demand
JUL	Previous	0.0000	\$0.04792
	Old	0.4907	\$0.04792
	New	0.5093	\$0.04792
	Weighted	1.0000	\$0.04792
AUG	Previous	0.0000	\$0.04792
	Old	0.4969	\$0.04792
	New	0.5031	\$0.04792
	Weighted	1.0000	\$0.04792
SEP	Previous	0.0000	\$0.04792
	Old	0.5039	\$0.04792
	New	0.4961	\$0.04681
	Weighted	1.0000	\$0.04737
OCT	Previous	0.0000	\$0.04792
	Old	0.5016	\$0.04681
	New	0.4984	\$0.04681
	Weighted	1.0000	\$0.04681
NOV	Previous	0.0000	\$0.04681
	Old	0.5671	\$0.04681
	New	0.4329	\$0.10466
	Weighted	1.0000	\$0.07185
DEC	Previous	0.0044	\$0.04681
	Old	0.5479	\$0.10466
	New	0.4477	\$0.10571
	Weighted	1.0000	\$0.10488
JAN	Previous	0.0000	\$0.10466
	Old	0.5211	\$0.10571
	New	0.4789	\$0.10571
	Weighted	1.0000	\$0.10571
FEB	Previous	0.0018	\$0.10571
	Old	0.5784	\$0.10571
	New	0.4198	\$0.10571
	Weighted	1.0000	\$0.10571
MAR	Previous	0.0015	\$0.10571
	Old	0.4828	\$0.10571
	New	0.5157	\$0.10571
	Weighted	1.0000	\$0.10571
APR	Previous	0.0000	\$0.10571
	Old	0.4976	\$0.10571
	New	0.5024	\$0.04702
	Weighted	1.0000	\$0.07622
MAY	Previous	0.0000	\$0.10571
	Old	0.5161	\$0.04702
	New	0.4839	\$0.04688
	Weighted	1.0000	\$0.04695
JUN	Previous	0.0000	\$0.04702
	Old	0.5208	\$0.04688
	New	0.4792	\$0.04688
	Weighted	1.0000	\$0.04688

Filed September 1, 2022

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	Residential	Commercial/ Industrial	Small & Large Interruptible	Total
(Over) Under Recovery (7/2021-6/2022)	(1,178,736)	(1,738,570)	455,747	(2,461,558)
Allocation of Carrying Charge	47.9%	70.6%	-18.5%	100.0%
Carrying Charge by Class	(\$5,668)	(\$8,360)	\$2,191	(\$11,836)

	<u>Jun '21</u>	<u>Jul '21</u>	<u>Aug '21</u>	<u>Sep '21</u>	<u>Oct '21</u>	<u>Nov '21</u>	<u>Dec '21</u>	<u>Jan '22</u>	<u>Feb '22</u>	<u>Mar '22</u>	<u>Apr '22</u>	<u>May '22</u>	<u>Total</u>
Demand Expense	\$3,716,304	\$3,556,163	\$3,547,398	\$3,698,506	\$3,707,796	\$8,789,695	\$8,967,102	\$8,976,015	\$8,968,375	\$9,006,761	\$3,740,599	\$3,773,038	\$70,447,752
Commodity Expense	\$7,090,766	\$11,109,163	\$10,474,717	\$9,654,205	\$25,657,837	\$49,299,772	\$64,709,173	\$86,144,319	\$77,940,779	\$50,496,510	\$49,262,144	\$22,843,204	\$464,682,589
LNG													
LPG													
<u>Boiloff</u>													
Peakshaving Exp	\$62,892	\$60,211	\$61,818	\$10,285	\$105,430	\$51,511	\$87,722	\$134,805	\$44,957	\$65,421	\$52,699	\$58,396	\$796,146
Total	\$10,869,963	\$14,725,537	\$14,083,933	\$13,362,996	\$29,471,063	\$58,140,978	\$73,763,997	\$95,255,139	\$86,954,112	\$59,568,691	\$53,055,441	\$26,674,638	\$535,926,487

Northern States Power Company, a Minnesota Corporation

Schedule of Monthly and Annual Cost of Gas Rider Factors of Northern States Power Company, a Minnesota Corporation, for the period from July 1, 2021 to June 30, 2022, and Independent Accountant's Report

INDEPENDENT ACCOUNTANT'S REPORT

To the Board of Directors of
Northern States Power Company, a Minnesota Corporation

We have examined the accompanying Schedule of Monthly and Annual Cost of Gas Rider Factors ("the Schedule") of Northern States Power Company, a Minnesota Corporation (the "Company"), for the period from July 1, 2021 to June 30, 2022, to determine whether it has been calculated in accordance with the North Dakota Public Service Commission's (the "Commission") Administrative Code Chapter 69-09-01-30, governing automatic adjustment of energy charges, and with the Cost of Gas Riders as defined on Sheet Nos. 5-19, 5-20, and 5-20.1 of the North Dakota Gas Rate Book. The Company's management is responsible for the Schedule. Our responsibility is to express an opinion on the Schedule based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether the Schedule is in accordance with the Commission's Administrative Code Chapter 69-09-01-30 governing automatic adjustment of energy charges, and with the Cost of Gas Riders as defined in the North Dakota Gas Rate Book, in all material respects. An examination involves performing procedures to obtain evidence about the Schedule. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of the Schedule, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

In our opinion, the Schedule for the period from July 1, 2021 to June 30, 2022, has been calculated in accordance with the criteria established by the Commission's Administrative Code Chapter 69-09-01-30 governing automatic adjustment of energy charges, and with the Cost of Gas Riders as defined on Sheet Nos. 5-19, 5-20, and 5-20.1 of the North Dakota Gas Rate Book, in all material respects.

This report is intended solely for the information and use of the Board of Directors of the Company, and the Commission, and is not intended to be and should not be used by anyone other than the specified parties.

Deloitte & Touche LLP

August 25, 2022

NORTHERN STATES POWER COMPANY, A MINNESOTA CORPORATION
SCHEDULE OF MONTHLY AND ANNUAL COST OF GAS RIDER FACTORS
FOR THE PERIOD FROM JULY 1, 2021 TO JUNE 30, 2022
(DOLLARS PER THERM)

	State of North Dakota		
	Residential	Commercial Industrial	Small & Large Interruptible
July 1, 2021	\$1.12736	\$0.63551	\$0.45071
August 1, 2021	\$1.17516	\$0.68331	\$0.49851
September 1, 2021	\$1.22842	\$0.74086	\$0.54171
October 1, 2021	\$1.35420	\$0.86664	\$0.66749
November 1, 2021	\$0.76499	\$0.81504	\$0.64552
December 1, 2021	\$0.74604	\$0.79609	\$0.62552
January 1, 2022	\$0.76233	\$0.81238	\$0.64181
February 1, 2022	\$0.77255	\$0.82260	\$0.65203
March 1, 2022	\$0.66731	\$0.71736	\$0.54679
April 1, 2022	\$0.61124	\$0.66129	\$0.54941
May 1, 2022	\$1.11581	\$0.88632	\$0.77458
June 1, 2022	\$1.28324	\$1.05375	\$0.94201
Annual true-up factor for the period from July 1, 2021 to June 30, 2022	(\$0.02828)	(0.02823)	\$0.03042

This Schedule of Monthly and Annual Cost of Gas Rider Factors is based on the requirements of the North Dakota Administrative Code Chapter 69-09-01-30 governing automatic adjustment of energy charges, and with the Cost of Gas Rider as defined on Sheet Nos. 5-19, 5-20, and 5-20.1 of the North Dakota Gas Rate Book.