



414 Nicollet Mall
 Minneapolis, MN 55401

October 30, 2018

Darrell Nitschke
 Executive Secretary and Director of Administration
 North Dakota Public Service Commission
 600 East Boulevard, Dept. 408
 Bismarck, ND 58505-0408

Re: REVISED 2018 ANNUAL COST OF GAS ADJUSTMENT (COG)
 TRUE-UP FILING
 CASE NO. PU-18-009

Dear Mr. Nitschke:

On August 31, 2018, Northern States Power Company submitted its Annual COG True-Up filing. Attached is a revised version of the annual true-up for the period of July 1, 2017 to June 30, 2018.

Due to the change of federal income tax rate, the ND statutory tax rate decreased from 37.8% to 24.4%. This change affected the 2018 ND January to June carrying charges, the total recovery, and the ND true-up factors. The table below shows the changes. These changes impacted Attachments A and G of our True-Up filing. The rest of the attachments are unchanged.

Cost of Gas Recovery Period: July 2017 - June 2018			
	Original Filing Sept. 1, 2018	Revised Filing Oct. 30, 2018	Change (\$)
Carrying Charges	\$209.25	\$1,636.91	-\$1,427.66
Total Excess (Deficient) COG Recovery (Jul-2017 - Jun-2018)	-\$116,346.40	-\$114,918.73	-\$1,427.66
True-Up Factor (\$/therm) effective 9/1/2018 - 8/31/2019			
Residential	-0.00723	-0.00722	0.00001
C&I	-0.00090	-0.00091	-0.00001
Interruptible	0.01672	0.01667	-0.00005

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
MANAGER, REGULATORY ANALYSIS

Enclosure

<u>Cost of Gas Recovery Period: July 2017 - June 2018</u>	<u>Residential</u>	<u>C&I</u>	<u>Interruptible</u>	<u>Total</u>	<u>Ref.</u>
1 COG Expense	\$14,423,581	\$20,742,404	\$7,826,412	\$42,992,397	Sch D2
2 COG Revenue	<u>\$14,521,789</u>	<u>\$20,500,406</u>	<u>\$7,206,752</u>	<u>\$42,228,947</u>	Sch E1
3 Subtotal: Excess(Deficient) COG Recovery	<u>\$98,208</u>	<u>(\$241,998)</u>	<u>(\$619,660)</u>	<u>(\$763,450)</u>	Line 1 + Line 2
High Bridge Adjustment	\$163,516	\$254,986	\$152,527	\$571,029	
4 Excess(Deficient) COG Recovery in Prior Period (Jul-2016 - Jun-2017)	(\$141,878)	(\$390,061)	(\$338,831)	(\$870,770)	True-Up*
5 Net True-up Charges/Credits Related to Prior Period	<u>\$153,658</u>	<u>\$426,488</u>	<u>\$366,490</u>	<u>\$946,636</u>	Sch C
6 Subtotal: Excess (Deficient) True-Up of Prior Period	<u>\$11,780</u>	<u>\$36,427</u>	<u>\$27,659</u>	<u>\$75,866</u>	Line 4 + Line 5
7 Net Excess (Deficient) COG Recovery (Jul-2017 - Jun-2018)	\$273,503	\$49,415	(\$439,474)	(\$116,556)	Line 3 + Line 6
8 Carrying Charges	<u>(\$211)</u>	<u>\$519</u>	<u>\$1,329</u>	<u>\$1,637</u>	Sch G
9 Total Excess (Deficient) COG Recovery (Jul-2017 - Jun-2018)	<u>\$273,293</u>	<u>\$49,934</u>	<u>(\$438,145)</u>	<u>(\$114,919)</u>	Line 7 + Line 8
10 Forecasted Therms for Next True-Up Period (Sept-2018 - Aug-2019)	37,826,174	54,889,827	26,277,997	118,993,997	Sch B
True-Up Factor (\$/therm) effective 9/1/2018 - 8/31/2019	<u>(\$0.00722)</u>	<u>(\$0.00091)</u>	<u>\$0.01667</u>		Line 9 / Line 10

* Previous True-Up filing submitted 9/1/17

Firm Sales	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	431,335	462,484	461,070	1,091,719	3,190,373	4,438,005	8,647,601	6,840,379	6,346,338	4,398,531	2,057,594	868,365	39,233,794
Commercial/Industrial	1,259,371	1,262,360	1,530,629	1,934,185	4,433,818	6,711,863	10,225,220	9,045,861	8,537,288	6,050,826	3,298,593	1,762,453	56,052,467
Interdepartmental	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Firm	1,259,371	1,262,360	1,530,629	1,934,185	4,433,818	6,711,863	10,225,220	9,045,861	8,537,288	6,050,826	3,298,593	1,762,453	56,052,467
Total Firm Sales (therms)	1,690,706	1,724,844	1,991,699	3,025,904	7,624,191	11,149,868	18,872,821	15,886,240	14,883,626	10,449,357	5,356,187	2,630,818	95,286,260

Interruptible Sales	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Small Interruptible	295,653	276,841	292,610	350,539	503,315	710,725	748,153	569,346	1,138,506	474,027	614,335	301,507	6,275,557
Large Interruptible	1,320,678	1,404,929	1,259,678	1,257,400	1,528,903	1,706,251	2,746,203	1,854,789	2,340,353	1,246,857	1,588,868	1,011,552	19,266,461
Total Interruptible Sales (therms)	1,616,331	1,681,770	1,552,288	1,607,939	2,032,218	2,416,976	3,494,356	2,424,135	3,478,859	1,720,884	2,203,203	1,313,059	25,542,018

Total North Dakota Sales (therms)	3,307,037	3,406,614	3,543,987	4,633,843	9,656,409	13,566,844	22,367,177	18,310,375	18,362,485	12,170,241	7,559,390	3,943,877	120,828,279
ND Transportation	659,060	631,390	374,740	614,440	719,370	764,190	805,330	966,840	847,970	847,820	795,630	691,860	8,718,640

State of MN	Total Dekatherms
Residential	36,985,166
Commercial/Industrial	21,451,240
Demand Billed	<u>2,965,357</u>
Total Firm	61,401,763
Small Interruptible	2,143,610
Medium and Large Interruptible	<u>8,480,044</u>
Total Interruptible	10,623,654
Total MN Sales (Dekatherms)	72,025,417
Demand Billed Demand	313,551

State of ND	Total Dekatherms
Residential	3,782,617
Commercial & Industrial	<u>5,488,983</u>
Total Firm	9,271,600
Small Interruptible	610,083
Large Interruptible	<u>2,017,717</u>
Total Interruptible	2,627,800
Total ND Sales (Dekatherms)	11,899,400

Class	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	431,335	462,484	461,070	1,091,719	3,190,373	4,438,005	8,647,601	6,840,379	6,346,338	4,398,531	2,057,594	868,365	39,233,794
	\$0.00651	\$0.00651	\$0.00517	\$0.00384	\$0.00384	\$0.00384	\$0.00384	\$0.00384	\$0.00384	\$0.00384	\$0.00384	\$0.00384	
	\$2,808	\$3,011	\$2,384	\$4,192	\$12,251	\$17,042	\$33,207	\$26,267	\$24,370	\$16,890	\$7,901	\$3,335	\$153,658
Commercial/Industrial	1,259,371	1,262,360	1,530,629	1,934,185	4,433,818	6,711,863	10,225,220	9,045,861	8,537,288	6,050,826	3,298,593	1,762,453	56,052,467
	\$0.01048	\$0.01048	\$0.00895	\$0.00743	\$0.00743	\$0.00743	\$0.00743	\$0.00743	\$0.00743	\$0.00743	\$0.00743	\$0.00743	
	\$13,198	\$13,230	\$13,699	\$14,371	\$32,943	\$49,869	\$75,973	\$67,211	\$63,432	\$44,958	\$24,509	\$13,095	\$426,488
Small Interruptible	295,653	276,841	292,610	350,539	503,315	710,725	748,153	569,346	1,138,506	474,027	614,335	301,507	6,275,557
	\$0.00960	\$0.00960	\$0.01243	\$0.01524	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	
	\$2,838	\$2,658	\$3,637	\$5,342	\$7,676	\$10,839	\$11,409	\$8,683	\$17,362	\$7,229	\$9,369	\$4,598	\$91,640
Large Interruptible	1,320,678	1,404,929	1,259,678	1,257,400	1,528,903	1,706,251	2,746,203	1,854,789	2,340,353	1,246,857	1,588,868	1,011,552	19,266,461
	\$0.00960	\$0.00960	\$0.01243	\$0.01524	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	\$0.01525	
	\$12,679	\$13,487	\$15,658	\$19,163	\$23,316	\$26,020	\$41,880	\$28,286	\$35,690	\$19,015	\$24,230	\$15,426	\$274,850
Total True-Up Revenue	\$31,523	\$32,386	\$35,378	\$43,068	\$76,186	\$103,770	\$162,469	\$130,447	\$140,854	\$88,092	\$66,009	\$36,454	\$946,636
Total Volume	3,307,037	3,406,614	3,543,987	4,633,843	9,656,409	13,566,844	22,367,177	18,310,375	18,362,485	12,170,241	7,559,390	3,943,877	120,828,279

Demand Expense	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Total
Total Demand	\$3,022,845	\$2,858,210	\$2,843,757	\$2,956,663	\$2,981,652	\$6,971,008	\$6,977,459	\$7,015,476	\$6,961,052	\$6,991,870	\$3,163,294	\$3,176,624	\$55,919,909
less Shared Transport Costs	\$213	\$0	\$0	\$0	\$0	\$0	\$21,634	\$44,486	\$19,501	\$0	\$15,920	\$0	\$101,754
General System Demand	\$3,022,632	\$2,858,210	\$2,843,757	\$2,956,663	\$2,981,652	\$6,971,008	\$6,955,826	\$6,970,989	\$6,941,551	\$6,991,870	\$3,147,374	\$3,176,624	\$55,818,156
<u>General System Demand Allocation</u>													
MN Design Day Allocator	87.98%	87.98%	87.98%	87.98%	87.98%	87.57%	87.57%	87.57%	87.57%	87.57%	87.57%	87.57%	87.57%
ND Design Day Allocator	12.02%	12.02%	12.02%	12.02%	12.02%	12.43%	12.43%	12.43%	12.43%	12.43%	12.43%	12.43%	12.43%
MN General System Demand Exp	\$2,659,312	\$2,514,653	\$2,501,937	\$2,601,272	\$2,623,257	\$6,104,512	\$6,091,217	\$6,104,495	\$6,078,717	\$6,122,781	\$2,756,156	\$2,781,769	\$48,940,077
ND General System Demand Exp	\$363,320	\$343,557	\$341,820	\$355,391	\$358,395	\$866,496	\$864,609	\$866,494	\$862,835	\$869,089	\$391,219	\$394,854	\$6,878,079
<u>Penalty Credit Allocation</u>													
Curtailment Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$877,080	\$607,816	(\$39,112)	\$0	\$0	\$0	\$1,445,784
Curtailment Penalty - Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Balancing Penalty	\$6,674	\$3,262	\$3,248	\$4,082	\$8,283	\$11,861	\$11,354	\$22,241	\$16,671	\$6,996	\$12,064	\$7,475	\$114,211
Total Penalty Credit	\$6,674	\$3,262	\$3,248	\$4,082	\$8,283	\$11,861	\$888,434	\$630,057	(\$22,441)	\$6,996	\$12,064	\$7,475	\$1,559,995
MN Penalty Credit (Design Day Alloc)	\$5,872	\$2,870	\$2,857	\$3,592	\$7,287	\$10,387	\$778,002	\$551,741	(\$19,652)	\$6,126	\$10,565	\$6,546	\$1,366,192
ND Penalty Credit (Design Day Alloc)	\$802	\$392	\$390	\$491	\$996	\$1,474	\$110,432	\$78,316	(\$2,789)	\$870	\$1,500	\$929	\$193,803
<u>Total Demand Expense by State</u>													
Total MN Demand Exp	\$2,659,312	\$2,514,653	\$2,501,937	\$2,601,272	\$2,623,257	\$6,104,512	\$6,091,217	\$6,104,495	\$6,078,717	\$6,122,781	\$2,756,156	\$2,781,769	\$48,940,077
less Penalty Credit - MN	\$5,872	\$2,870	\$2,857	\$3,592	\$7,287	\$10,387	\$778,002	\$551,741	(\$19,652)	\$6,126	\$10,565	\$6,546	\$1,366,192
Total MN Adjusted	\$2,653,440	\$2,511,783	\$2,499,080	\$2,597,681	\$2,615,970	\$6,094,125	\$5,313,215	\$5,552,754	\$6,098,368	\$6,116,654	\$2,745,591	\$2,775,224	\$47,573,885
Total ND Demand Exp	\$363,320	\$343,557	\$341,820	\$355,391	\$358,395	\$866,496	\$864,609	\$866,494	\$862,835	\$869,089	\$391,219	\$394,854	\$6,878,079
less Penalty Credit - ND	\$802	\$392	\$390	\$491	\$996	\$1,474	\$110,432	\$78,316	(\$2,789)	\$870	\$1,500	\$929	\$193,803
Total ND Adjusted	\$362,518	\$343,165	\$341,429	\$354,900	\$357,399	\$865,022	\$754,177	\$788,178	\$865,624	\$868,220	\$389,719	\$393,925	\$6,684,276
<u>Commodity & Peakshaving Expense</u>													
Comm & Pkg w/o Interruptible Cap Purch	\$7,863,193	\$7,082,490	\$7,495,921	\$7,187,301	\$14,490,598	\$27,270,328	\$42,237,575	\$50,314,189	\$41,098,329	\$27,618,850	\$22,145,949	\$6,305,002	\$261,109,726
Interruptible Capacity Purchases	\$0	\$0	\$57	\$0	\$27,027	\$795	\$34,177	\$59,728	\$10,275	\$876	\$267,902	\$508	\$401,346
Interruptible Shared Transport costs	\$213	\$0	\$0	\$0	\$0	\$0	\$21,634	\$44,486	\$19,501	\$0	\$15,920	\$0	\$101,754
Kansas Tax (2009-2014)	\$30,052	\$25,887	\$25,556	\$29,338	\$58,012	\$104,812	\$153,018	\$178,152	\$153,597	\$126,436	\$71,815	\$43,664	\$1,000,338
Kansas Tax (Current Year)	\$15,603	\$13,490	\$13,368	\$15,481	\$30,522	\$55,299	\$80,566	\$144,804	\$123,951	\$103,047	\$58,156	\$36,315	\$690,603
Kansas Tax (Adjustment for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	\$290,379	\$0	\$0	\$0	\$0	\$0	\$290,379
Total Commodity & Peaking	\$7,909,061	\$7,121,867	\$7,534,903	\$7,232,120	\$14,606,159	\$27,431,233	\$42,817,349	\$50,741,360	\$41,405,653	\$27,849,209	\$22,559,743	\$6,385,489	\$263,594,145
MN Sales Allocator	84.45%	84.07%	84.04%	83.85%	85.68%	86.44%	86.86%	86.33%	86.05%	87.35%	86.56%	84.25%	
ND Sales Allocator	15.55%	15.93%	15.96%	16.15%	14.32%	13.56%	13.14%	13.67%	13.95%	12.65%	13.44%	15.75%	
MN Comm & Pkg w/o Interruptible Cap Purc	\$6,640,467	\$5,954,249	\$6,299,572	\$6,026,552	\$12,415,544	\$23,572,471	\$36,687,558	\$43,436,240	\$35,365,112	\$24,125,066	\$19,169,534	\$5,311,964	\$225,004,328
MN Interruptible Capacity Purchases	\$0	\$0	\$48	\$0	\$23,157	\$687	\$29,686	\$51,563	\$8,842	\$765	\$231,896	\$428	\$347,073
MN Interruptible Shared Transport costs	\$180	\$0	\$0	\$0	\$0	\$0	\$18,791	\$38,405	\$16,780.44	\$0	\$13,781	\$0	\$87,937
MN Kansas Tax (2009-2014)	\$30,052	\$25,887	\$25,556	\$29,338	\$58,012	\$104,812	\$153,018	\$178,152	\$153,597	\$126,436	\$71,815	\$43,664	\$1,000,338
MN Kansas Tax (Current Year)	\$13,638	\$11,748	\$11,598	\$13,232	\$26,164	\$47,271	\$69,013	\$124,551	\$107,384	\$88,395	\$50,208	\$30,922	\$594,125
MN Kansas Tax (Adjustment to Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	\$252,223	\$0	\$0	\$0	\$0	\$0	\$252,223
MN Comm. & Peaking Expense	\$6,684,337	\$5,991,884	\$6,336,774	\$6,069,121	\$12,522,877	\$23,725,242	\$37,210,289	\$43,828,912	\$35,651,715	\$24,340,662	\$19,537,234	\$5,386,978	\$227,286,024
ND Comm & Pkg w/o Interruptible Cap Purcl	\$1,222,727	\$1,128,241	\$1,196,349	\$1,160,749	\$2,075,054	\$3,697,856	\$5,550,017	\$6,877,950	\$5,733,217	\$3,493,785	\$2,976,416	\$993,038	\$36,105,397
ND Interruptible Capacity Purchases	\$0	\$0	\$9	\$0	\$3,870	\$108	\$4,491	\$8,165	\$1,433	\$111	\$306,006	\$80	\$54,273
ND Interruptible Shared Transport costs	\$33	\$0	\$0	\$0	\$0	\$0	\$2,843	\$6,081	\$2,720.36	\$0	\$2,140	\$0	\$13,817
ND Kansas Tax	\$1,965	\$1,742	\$1,770	\$2,250	\$4,358	\$8,028	\$49,709	\$20,252	\$16,567	\$14,652	\$7,948	\$5,393	\$134,634
ND Comm. & Peaking Expense	\$1,224,724	\$1,129,983	\$1,198,129	\$1,162,999	\$2,083,281	\$3,705,992	\$5,607,060	\$6,912,448	\$5,753,938	\$3,508,547	\$3,022,510	\$998,511	\$36,308,121

Expense	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Total
Commodity & Peaking	\$1,224,724	\$1,129,983	\$1,198,129	\$1,162,999	\$2,083,281	\$3,705,992	\$5,607,060	\$6,912,448	\$5,753,938	\$3,508,547	\$3,022,510	\$998,511	\$36,308,121
Demand	\$362,518	\$343,165	\$341,429	\$354,900	\$357,399	\$865,022	\$754,177	\$788,178	\$865,624	\$868,220	\$389,719	\$393,925	\$6,684,276
Total	\$1,587,242	\$1,473,147	\$1,539,558	\$1,517,899	\$2,440,680	\$4,571,014	\$6,361,237	\$7,700,626	\$6,619,562	\$4,376,767	\$3,412,229	\$1,392,436	\$42,992,397

Revenue	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Commodity & Peaking	\$945,940	\$931,521	\$974,394	\$1,241,010	\$2,680,672	\$3,931,811	\$6,750,376	\$5,721,300	\$5,723,514	\$3,178,171	\$1,840,963	\$836,445	\$34,756,118
Demand	\$73,326	\$74,772	\$85,393	\$128,272	\$489,231	\$1,005,089	\$1,722,755	\$1,450,255	\$1,355,989	\$722,182	\$245,153	\$120,412	\$7,472,829
Total	\$1,019,266	\$1,006,293	\$1,059,787	\$1,369,282	\$3,169,903	\$4,936,900	\$8,473,131	\$7,171,555	\$7,079,503	\$3,900,353	\$2,086,116	\$956,857	\$42,228,947

Over/(Under)	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Commodity & Peaking	(\$278,784)	(\$198,462)	(\$223,734)	\$78,011	\$597,391	\$225,819	\$1,143,316	(\$1,191,148)	(\$30,424)	(\$330,376)	(\$1,181,546)	(\$162,066)	(\$1,552,003)
Demand	(\$289,192)	(\$268,393)	(\$256,036)	(\$226,628)	\$131,832	\$140,067	\$968,578	\$662,077	\$490,365	(\$146,038)	(\$144,566)	(\$273,513)	\$788,553
Total	(\$567,976)	(\$466,855)	(\$479,770)	(\$148,617)	\$729,223	\$365,886	\$2,111,894	(\$529,071)	\$459,941	(\$476,414)	(\$1,326,112)	(\$435,579)	(\$763,450)

	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Total
Demand Expense	\$362,518	\$343,165	\$341,429	\$354,900	\$357,399	\$865,022	\$754,177	\$788,178	\$865,624	\$868,220	\$389,719	\$393,925	\$6,684,276

Annual Firm Billed Sales Allocator

Residential	39,233,794	41.17%
Commercial/Industrial	56,052,467	58.83%
Total	95,286,260	100.00%

Demand Expense Allocation to Class

Residential	\$149,249	\$141,281	\$140,566	\$146,112	\$147,141	\$356,130	\$310,495	\$324,493	\$356,378	\$357,446	\$160,447	\$162,179	\$2,751,917
Commercial/Industrial	\$213,269	\$201,884	\$200,863	\$208,788	\$210,258	\$508,892	\$443,682	\$463,685	\$509,247	\$510,774	\$229,272	\$231,746	\$3,932,360
Total Demand Expense	\$362,518	\$343,165	\$341,429	\$354,900	\$357,399	\$865,022	\$754,177	\$788,178	\$865,624	\$868,220	\$389,719	\$393,925	\$6,684,276

Demand Revenue

	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	\$18,707	\$20,049	\$19,768	\$46,279	\$204,721	\$400,058	\$789,373	\$624,458	\$578,190	\$303,994	\$94,176	\$39,745	\$3,139,518
Commercial/Industrial	\$54,619	\$54,723	\$65,625	\$81,993	\$284,510	\$605,031	\$933,382	\$825,797	\$777,799	\$418,188	\$150,977	\$80,667	\$4,333,311
Total Demand Revenue	\$73,326	\$74,772	\$85,393	\$128,272	\$489,231	\$1,005,089	\$1,722,755	\$1,450,255	\$1,355,989	\$722,182	\$245,153	\$120,412	\$7,472,829

Demand Over/(Under)

	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	(\$130,542)	(\$121,232)	(\$120,798)	(\$99,833)	\$57,580	\$43,928	\$478,878	\$299,965	\$221,812	(\$53,452)	(\$66,271)	(\$122,434)	\$387,601
Commercial/Industrial	(\$158,650)	(\$147,161)	(\$135,238)	(\$126,795)	\$74,252	\$96,139	\$489,700	\$362,112	\$268,552	(\$92,586)	(\$78,295)	(\$151,079)	\$400,951
Total Demand Over/(Under)	(\$289,192)	(\$268,393)	(\$256,036)	(\$226,628)	\$131,832	\$140,067	\$968,578	\$662,077	\$490,365	(\$146,038)	(\$144,566)	(\$273,513)	\$788,553

	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Total
<u>Expense</u>													
ND Comm. & Peaking Expense	\$1,224,724	\$1,129,983	\$1,198,129	\$1,162,999	\$2,083,281	\$3,705,992	\$5,607,060	\$6,912,448	\$5,753,938	\$3,508,547	\$3,022,510	\$998,511	\$36,308,121
less ND Interruptible Capacity Purch	\$0	\$0	(\$9)	\$0	(\$3,870)	(\$108)	(\$4,491)	(\$8,165)	(\$1,433)	(\$111)	(\$36,006)	(\$80)	(\$54,273)
less ND Int. Shared Transport costs	(\$33)	\$0	\$0	\$0	\$0	\$0	(\$2,843)	(\$6,081)	(\$2,720)	\$0	(\$2,140)	\$0	(\$13,817)
ND Comm & Pkg w/o Int Cap Purch	\$1,224,691	\$1,129,983	\$1,198,119	\$1,162,999	\$2,079,411	\$3,705,884	\$5,599,726	\$6,898,202	\$5,749,784	\$3,508,436	\$2,984,364	\$998,431	\$36,240,031

Sales Allocator

Residential	13.04%	13.58%	13.01%	23.56%	33.04%	32.71%	38.66%	37.36%	34.56%	36.14%	27.22%	22.02%
Commercial/Industrial	38.08%	37.06%	43.19%	41.74%	45.92%	49.47%	45.72%	49.40%	46.49%	49.72%	43.64%	44.69%
Small Interruptible	8.94%	8.13%	8.26%	7.56%	5.21%	5.24%	3.34%	3.11%	6.20%	3.89%	8.13%	7.64%
Large Interruptible	39.94%	41.24%	35.54%	27.14%	15.83%	12.58%	12.28%	10.13%	12.75%	10.25%	21.02%	25.65%
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	\$159,736	\$153,407	\$155,874	\$273,999	\$687,015	\$1,212,274	\$2,164,967	\$2,577,026	\$1,987,208	\$1,268,008	\$812,315	\$219,835	\$11,671,665
Commercial/Industrial	\$466,381	\$418,728	\$517,461	\$485,440	\$954,778	\$1,833,395	\$2,559,931	\$3,407,914	\$2,673,253	\$1,744,332	\$1,302,248	\$446,182	\$16,810,044
Small Interruptible	\$109,489	\$91,829	\$98,923	\$87,978	\$108,384	\$194,140	\$187,304	\$214,494	\$356,497	\$136,652	\$242,533	\$76,329	\$1,904,551
Large Interruptible	\$489,085	\$466,019	\$425,861	\$315,581	\$329,234	\$466,075	\$687,525	\$698,768	\$732,827	\$359,444	\$627,268	\$256,084	\$5,853,770
Total Comm & Peakshaving Exp	\$1,224,691	\$1,129,983	\$1,198,119	\$1,162,999	\$2,079,411	\$3,705,884	\$5,599,726	\$6,898,202	\$5,749,784	\$3,508,436	\$2,984,364	\$998,431	\$36,240,031

Sales Allocator

Small Interruptible	18.29%	16.46%	18.85%	21.80%	24.77%	29.41%	21.41%	23.49%	32.73%	27.55%	27.88%	22.96%
Large Interruptible	81.71%	83.54%	81.15%	78.20%	75.23%	70.59%	78.59%	76.51%	67.27%	72.45%	72.12%	77.04%
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	\$6	\$0	\$2	\$0	\$959	\$32	\$1,570	\$3,346	\$1,359	\$31	\$10,636	\$18	\$17,959
Large Interruptible	\$27	\$0	\$7	\$0	\$2,912	\$76	\$5,763	\$10,900	\$2,794	\$80	\$27,509	\$62	\$50,131
Total Comm & Peakshaving Exp	\$33	\$0	\$9	\$0	\$3,870	\$108	\$7,334	\$14,246	\$4,154	\$111	\$38,146	\$80	\$68,090

Total Commodity & Peakshaving Expense

Residential	\$159,736	\$153,407	\$155,874	\$273,999	\$687,015	\$1,212,274	\$2,164,967	\$2,577,026	\$1,987,208	\$1,268,008	\$812,315	\$219,835	\$11,671,665
Commercial/Industrial	\$466,381	\$418,728	\$517,461	\$485,440	\$954,778	\$1,833,395	\$2,559,931	\$3,407,914	\$2,673,253	\$1,744,332	\$1,302,248	\$446,182	\$16,810,044
Small Interruptible	\$109,495	\$91,829	\$98,925	\$87,978	\$109,342	\$194,171	\$188,874	\$217,840	\$357,856	\$136,683	\$253,169	\$76,348	\$1,922,510
Large Interruptible	\$489,112	\$466,019	\$425,868	\$315,581	\$332,146	\$466,151	\$693,288	\$709,668	\$735,621	\$359,524	\$654,777	\$256,146	\$5,903,902
Total Comm & Peakshaving Exp	\$1,224,724	\$1,129,983	\$1,198,129	\$1,162,999	\$2,083,281	\$3,705,992	\$5,607,060	\$6,912,448	\$5,753,938	\$3,508,547	\$3,022,510	\$998,511	\$36,308,121

Commodity & Peakshaving Revenue

	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	\$123,030	\$126,145	\$124,276	\$291,623	\$899,109	\$1,290,776	\$2,613,748	\$2,136,108	\$1,984,927	\$1,153,246	\$497,480	\$141,804	\$11,382,271
Commercial/Industrial	\$357,873	\$344,812	\$432,758	\$517,612	\$1,233,322	\$1,947,925	\$3,110,238	\$2,844,303	\$2,636,497	\$1,568,940	\$808,031	\$364,784	\$16,167,095
Small Interruptible	\$84,468	\$75,451	\$79,063	\$93,765	\$137,509	\$205,842	\$223,118	\$174,209	\$355,835	\$124,191	\$150,551	\$76,641	\$1,780,643
Large Interruptible	\$380,570	\$385,112	\$338,296	\$338,010	\$410,732	\$487,268	\$803,273	\$566,680	\$746,256	\$331,795	\$384,901	\$253,217	\$5,426,109
Total Comm & Peakshaving Rev	\$945,940	\$931,521	\$974,394	\$1,241,010	\$2,680,672	\$3,931,811	\$6,750,376	\$5,721,300	\$5,723,514	\$3,178,171	\$1,840,963	\$836,445	\$34,756,118

Commodity & Peakshaving - Over/(Under)

	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	(\$36,706)	(\$27,262)	(\$31,598)	\$17,624	\$212,094	\$78,502	\$448,781	(\$440,919)	(\$2,281)	(\$114,763)	(\$314,835)	(\$78,031)	(\$289,394)
Commercial/Industrial	(\$108,508)	(\$73,916)	(\$84,703)	\$32,172	\$278,544	\$114,530	\$550,307	(\$563,611)	(\$36,756)	(\$175,391)	(\$494,217)	(\$81,399)	(\$642,950)
Small Interruptible	(\$25,027)	(\$16,378)	(\$19,861)	\$5,787	\$28,166	\$11,670	\$34,244	(\$43,631)	(\$2,021)	(\$12,492)	(\$102,618)	\$293	(\$141,867)
Large Interruptible	(\$108,543)	(\$80,906)	(\$87,572)	\$22,429	\$78,587	\$21,117	\$109,984	(\$142,988)	\$10,634	(\$27,730)	(\$269,875)	(\$2,929)	(\$477,793)
Total Comm & Peak Over/(Under)	(\$278,784)	(\$198,462)	(\$223,734)	\$78,011	\$597,391	\$225,819	\$1,143,316	(\$1,191,148)	(\$30,424)	(\$330,376)	(\$1,181,546)	(\$162,066)	(\$1,552,003)

	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	\$141,737	\$146,194	\$144,044	\$337,902	\$1,103,830	\$1,690,834	\$3,403,121	\$2,760,566	\$2,563,117	\$1,457,240	\$591,656	\$181,549	\$14,521,789
Sm Commercial/Industrial	\$412,492	\$399,535	\$498,383	\$599,605	\$1,517,832	\$2,552,956	\$4,043,620	\$3,670,100	\$3,414,296	\$1,987,128	\$959,008	\$445,451	\$20,500,406
Small Interruptible	\$84,468	\$75,451	\$79,063	\$93,765	\$137,509	\$205,842	\$223,118	\$174,209	\$355,835	\$124,191	\$150,551	\$76,641	\$1,780,643
Large Interruptible	\$380,570	\$385,112	\$338,296	\$338,010	\$410,732	\$487,268	\$803,273	\$566,680	\$746,256	\$331,795	\$384,901	\$253,217	\$5,426,109
Total	\$1,019,266	\$1,006,293	\$1,059,787	\$1,369,282	\$3,169,903	\$4,936,900	\$8,473,131	\$7,171,555	\$7,079,503	\$3,900,353	\$2,086,116	\$956,857	\$42,228,947

Class	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential	431,335	462,484	461,070	1,091,719	3,190,373	4,438,005	8,647,601	6,840,379	6,346,338	4,398,531	2,057,594	868,365	39,233,794
	\$0.04337	\$0.04335	\$0.04287	\$0.04239	\$0.06417	\$0.09014	\$0.09128	\$0.09129	\$0.09111	\$0.06911	\$0.04577	\$0.04577	
	\$18,707	\$20,049	\$19,768	\$46,279	\$204,721	\$400,058	\$789,373	\$624,458	\$578,190	\$303,994	\$94,176	\$39,745	\$3,139,518
Commercial/Industrial	1,259,371	1,262,360	1,530,629	1,934,185	4,433,818	6,711,863	10,225,220	9,045,861	8,537,288	6,050,826	3,298,593	1,762,453	56,052,467
	\$0.04337	\$0.04335	\$0.04287	\$0.04239	\$0.06417	\$0.09014	\$0.09128	\$0.09129	\$0.09111	\$0.06911	\$0.04577	\$0.04577	
	\$54,619	\$54,723	\$65,625	\$81,993	\$284,510	\$605,031	\$933,382	\$825,797	\$777,799	\$418,188	\$150,977	\$80,667	\$4,333,311
Demand Revenue	\$73,326	\$74,772	\$85,393	\$128,272	\$489,231	\$1,005,089	\$1,722,755	\$1,450,255	\$1,355,989	\$722,182	\$245,153	\$120,412	\$7,472,829
Total Demand Revenue	\$73,326	\$74,772	\$85,393	\$128,272	\$489,231	\$1,005,089	\$1,722,755	\$1,450,255	\$1,355,989	\$722,182	\$245,153	\$120,412	\$7,472,829

Class	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	Total
Residential													
Total Revenue	\$141,737	\$146,194	\$144,044	\$337,902	\$1,103,830	\$1,690,834	\$3,403,121	\$2,760,566	\$2,563,117	\$1,457,240	\$591,656	\$181,549	\$14,521,789
less Demand Revenue	\$18,707	\$20,049	\$19,768	\$46,279	\$204,721	\$400,058	\$789,373	\$624,458	\$578,190	\$303,994	\$94,176	\$39,745	\$3,139,518
Commodity & Peakshaving Revenue	\$123,030	\$126,145	\$124,276	\$291,623	\$899,109	\$1,290,776	\$2,613,748	\$2,136,108	\$1,984,927	\$1,153,246	\$497,480	\$141,804	\$11,382,271
Commercial/Industrial													
Total Revenue	\$412,492	\$399,535	\$498,383	\$599,605	\$1,517,832	\$2,552,956	\$4,043,620	\$3,670,100	\$3,414,296	\$1,987,128	\$959,008	\$445,451	\$20,500,406
less Demand Revenue	\$54,619	\$54,723	\$65,625	\$81,993	\$284,510	\$605,031	\$933,382	\$825,797	\$777,799	\$418,188	\$150,977	\$80,667	\$4,333,311
Commodity & Peakshaving Revenue	\$357,873	\$344,812	\$432,758	\$517,612	\$1,233,322	\$1,947,925	\$3,110,238	\$2,844,303	\$2,636,497	\$1,568,940	\$808,031	\$364,784	\$16,167,095
Small Interruptible													
Commodity & Peakshaving Revenue	\$84,468	\$75,451	\$79,063	\$93,765	\$137,509	\$205,842	\$223,118	\$174,209	\$355,835	\$124,191	\$150,551	\$76,641	\$1,780,643
Large Interruptible													
Commodity & Peakshaving Revenue	\$380,570	\$385,112	\$338,296	\$338,010	\$410,732	\$487,268	\$803,273	\$566,680	\$746,256	\$331,795	\$384,901	\$253,217	\$5,426,109
Commodity & Peakshaving Revenue	\$945,940	\$931,521	\$974,394	\$1,241,010	\$2,680,672	\$3,931,811	\$6,750,376	\$5,721,300	\$5,723,514	\$3,178,171	\$1,840,963	\$836,445	\$34,756,118
Demand Revenue	\$73,326	\$74,772	\$85,393	\$128,272	\$489,231	\$1,005,089	\$1,722,755	\$1,450,255	\$1,355,989	\$722,182	\$245,153	\$120,412	\$7,472,829
Total Revenue	\$1,019,266	\$1,006,293	\$1,059,787	\$1,369,282	\$3,169,903	\$4,936,900	\$8,473,131	\$7,171,555	\$7,079,503	\$3,900,353	\$2,086,116	\$956,857	\$42,228,947

JUL					AUG				SEP			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1					1-Aug	0	32					
2	3-Jul	2	31		2-Aug	1	30					
3	5-Jul	4	30		3-Aug	2	29		1-Sep	0	29	
4	6-Jul	5	30		4-Aug	3	29		5-Sep	4	32	
5	7-Jul	6	30		7-Aug	6	31		6-Sep	5	30	
6	10-Jul	9	32		8-Aug	7	29		7-Sep	6	30	
7	11-Jul	10	32		9-Aug	8	29		8-Sep	7	30	
8	12-Jul	11	30		10-Aug	9	29		11-Sep	10	32	
9	13-Jul	12	30		11-Aug	10	29		12-Sep	11	32	
10	14-Jul	13	30		14-Aug	13	31		13-Sep	12	30	
11	17-Jul	16	32		15-Aug	14	29		14-Sep	13	30	
12	18-Jul	17	32		16-Aug	15	29		15-Sep	14	30	
13	19-Jul	18	30		17-Aug	16	29		18-Sep	17	32	
14	20-Jul	19	30		18-Aug	17	29		19-Sep	18	32	
15	21-Jul	20	30		21-Aug	20	31		20-Sep	19	30	
16	24-Jul	23	32		22-Aug	21	29		21-Sep	20	30	
17	25-Jul	24	32		23-Aug	22	29		22-Sep	21	30	
18	26-Jul	25	30		24-Aug	23	29		25-Sep	24	32	
19	27-Jul	26	30		25-Aug	24	29		26-Sep	25	32	
20	28-Jul	27	30		28-Aug	27	31		27-Sep	26	30	
21	31-Jul	30	32		29-Aug	28	29		28-Sep	27	30	
1					30-Aug	29	29		29-Sep	28	30	
2					31-Aug	29	29					
Total		317	615	0.5154		344	679	0.5066		307	613	0.5008

OCT					NOV				DEC			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1												
2	2-Oct	1	32						1-Dec	0	31	
3	3-Oct	2	32		1-Nov	0	29		4-Dec	3	33	
4	4-Oct	3	29		2-Nov	1	29		5-Dec	4	33	
5	5-Oct	4	29		3-Nov	2	29		6-Dec	5	33	
6	6-Oct	5	29		6-Nov	5	31		7-Dec	6	31	
7	9-Oct	8	31		7-Nov	6	29		8-Dec	7	31	
8	10-Oct	9	29		8-Nov	7	29		11-Dec	10	33	
9	11-Oct	10	29		9-Nov	8	29		12-Dec	11	33	
10	12-Oct	11	29		10-Nov	9	29		13-Dec	12	33	
11	13-Oct	12	29		13-Nov	12	31		14-Dec	13	31	
12	16-Oct	15	31		14-Nov	13	29		15-Dec	14	31	
13	17-Oct	16	29		15-Nov	14	29		18-Dec	17	33	
14	18-Oct	17	29		16-Nov	15	29		19-Dec	18	33	
15	19-Oct	18	29		17-Nov	16	29		20-Dec	19	33	
16	20-Oct	19	29		20-Nov	19	31		21-Dec	20	31	
17	23-Oct	22	31		21-Nov	20	29		22-Dec	21	31	
18	24-Oct	23	29		22-Nov	21	29		27-Dec	26	35	
19	25-Oct	24	29		27-Nov	26	33		28-Dec	27	31	
20	26-Oct	25	29		28-Nov	27	33		29-Dec	28	31	
21	27-Oct	26	29		29-Nov	28	33					
1	30-Oct	29	31		30-Nov	29	31					
2	31-Oct	29	29									
Total		328	652	0.5031		278	600	0.4633		261	611	0.4272

Mo	Description	Multiplier	Demand
JUL	Previous	0.0000	\$0.04341
	Old	0.4846	\$0.04338
	New	0.5154	\$0.04336
	Weighted	1.0000	\$0.04337
AUG	Previous	0.0015	\$0.04338
	Old	0.4919	\$0.04336
	New	0.5066	\$0.04334
	Weighted	1.0000	\$0.04335
SEP	Previous	0.0000	\$0.04336
	Old	0.4992	\$0.04334
	New	0.5008	\$0.04241
	Weighted	1.0000	\$0.04287
OCT	Previous	0.0015	\$0.04334
	Old	0.4954	\$0.04241
	New	0.5031	\$0.04237
	Weighted	1.0000	\$0.04239
NOV	Previous	0.0000	\$0.04241
	Old	0.5367	\$0.04237
	New	0.4633	\$0.08942
	Weighted	1.0000	\$0.06417
DEC	Previous	0.0016	\$0.04237
	Old	0.5712	\$0.08942
	New	0.4272	\$0.09129
	Weighted	1.0000	\$0.09014
JAN	Previous	0.0041	\$0.08942
	Old	0.5350	\$0.09129
	New	0.4609	\$0.09129
	Weighted	1.0000	\$0.09128
FEB	Previous	0.0000	\$0.09129
	Old	0.5493	\$0.09129
	New	0.4507	\$0.09129
	Weighted	1.0000	\$0.09129
MAR	Previous	0.0045	\$0.09129
	Old	0.4985	\$0.09129
	New	0.4970	\$0.09092
	Weighted	1.0000	\$0.09111
APR	Previous	0.0000	\$0.09129
	Old	0.5170	\$0.09092
	New	0.4830	\$0.04577
	Weighted	1.0000	\$0.06911
MAY	Previous	0.0000	\$0.09092
	Old	0.5100	\$0.04577
	New	0.4900	\$0.04577
	Weighted	1.0000	\$0.04577
JUN	Previous	0.0000	\$0.04577
	Old	0.5179	\$0.04577
	New	0.4821	\$0.04577
	Weighted	1.0000	\$0.04577

Filed September 1, 2018

Schedule F intentionally left blank

	<u>Jun '17</u>	<u>Jul '17</u>	<u>Aug '17</u>	<u>Sep '17</u>	<u>Oct '17</u>	<u>Nov '17</u>	<u>Dec '17</u>	<u>Jan '18</u>	<u>Feb '18</u>	<u>Mar '18</u>	<u>Apr '18</u>	<u>May '18</u>	<u>Total</u>
Demand Expense	\$3,022,845	\$2,858,210	\$2,843,757	\$2,956,663	\$2,981,652	\$6,971,008	\$6,977,459	\$7,015,476	\$6,961,052	\$6,991,870	\$3,163,294	\$3,176,624	\$55,919,909
Commodity Expense	\$7,768,157	\$7,133,154	\$7,437,930	\$7,144,913	\$14,496,847	\$27,314,687	\$42,187,791	\$49,261,506	\$41,269,184	\$27,740,520	\$22,332,055	\$6,206,114	\$260,292,858
LNG													
LPG													
<u>Boiloff</u>													
Peakshaving Exp	\$140,691	(\$11,287)	\$96,973	\$87,207	\$109,311	\$116,547	\$607,924	\$1,435,367	\$116,968	\$108,689	\$211,768	\$179,375	\$3,199,533
Total	\$10,931,693	\$9,980,077	\$10,378,659	\$10,188,783	\$17,587,810	\$34,402,242	\$49,773,175	\$57,712,349	\$48,347,204	\$34,841,079	\$25,707,118	\$9,562,113	\$319,412,301

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, 2017 to June 30, 2018, and Independent Accountants' Report



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INDEPENDENT ACCOUNTANTS' 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, 2017 to June 30, 2018. This Schedule is the responsibility of the Company's management. 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 presented fairly, in all material respects, with the accounting for the Purchased Gas Adjustment (PGA) in accordance with North Dakota Public Service Commission (the "Commission") rules governing automatic adjustment of energy charges, and with the PGA Riders as defined in the North Dakota Gas Rate Book. 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 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, 2017 to June 30, 2018, is presented in accordance with the criteria established by the North Dakota Administrative Code Chapter 69-09-01-30 governing automatic adjustment of energy charges, and with the PGA 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 these specified parties.

Deloitte & Touche LLP

August 31, 2018

**NORTHERN STATES POWER COMPANY, A MINNESOTA CORPORATION
SCHEDULE OF MONTHLY AND ANNUAL COST OF GAS RIDER FACTORS
FOR THE PERIOD FROM JULY 1, 2017 TO JUNE 30, 2018
(DOLLARS PER THERM)**

	State of North Dakota		
	Residential	Commercial Industrial	Small & Large Interruptible
July 1, 2017	\$0.32482	\$0.32879	\$0.28455
August 1, 2017	\$0.31986	\$0.32383	\$0.27961
September 1, 2017	\$0.31593	\$0.31952	\$0.28493
October 1, 2017	\$0.31198	\$0.31557	\$0.28102
November 1, 2017	\$0.37394	\$0.37753	\$0.29593
December 1, 2017	\$0.40166	\$0.40525	\$0.32178
January 1, 2018	\$0.39145	\$0.39504	\$0.31157
February 1, 2018	\$0.42986	\$0.43345	\$0.34998
March 1, 2018	\$0.36704	\$0.37063	\$0.28753
April 1, 2018	\$0.28967	\$0.29326	\$0.25531
May 1, 2018	\$0.29467	\$0.29826	\$0.26031
June 1, 2018	\$0.31795	\$0.32154	\$0.28359
Annual true-up filing June 30, 2018 *	(\$0.00723)	(0.00090)	\$0.01672

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.

*During the examination of the Schedule of Monthly and Annual Purchased Gas Cost Adjustment Factors of Northern States Power Company, a Minnesota Corporation (the "Company"), for the period from July 1, 2017 to June 30, 2018, approximately \$6 million of estimated costs (\$4.2 million for the four years ended June 30, 2017, and \$1.4 million for the year ended June 30, 2018) were overcollected from customers as a result of an overallocation of gas volumes and costs between the Company's Local Distribution Company and gas used for the Company's generation. The Company has included a credit of \$6 million in the 2017-2018 gas true-up filing, which will be applied to customer bills over the next 12 months.