



414 Nicollet Mall
Minneapolis, MN 55401

September 1, 2016

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

Re: 2016 ANNUAL COST OF GAS ADJUSTMENT (COG) TRUE-UP FILING

Dear Mr. Nitschke:

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

Please contact Hui Chen at (612) 330-6749 or hui.chen@xcelenergy.com or me at (612) 330-6613 or amy.a.liberkowski@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

AMY LIBERKOWSKI
DIRECTOR, REGULATORY PRICING & ANALYSIS

Enclosure

Northern States Power Company
 Gas Operations - State of ND
 SUMMARY OF COST OF GAS (COG) OVER/(UNDER) RECOVERY
 Filed September 1, 2016

	<u>Residential</u>	<u>C&I</u>	<u>Interruptible</u>	<u>Total</u>	<u>Ref.</u>
<u>Cost of Gas Recovery Period: July 2015 - June 2016</u>					
1 COG Expense	\$10,474,559	\$15,190,909	\$5,583,645	\$31,249,112	Sch D2
2 COG Revenue	<u>\$10,204,967</u>	<u>\$14,533,023</u>	<u>\$5,320,096</u>	<u>\$30,058,085</u>	Sch E1
3 Subtotal: Excess(Deficient) COG Recovery	<u>(\$269,592)</u>	<u>(\$657,886)</u>	<u>(\$263,549)</u>	<u>(\$1,191,027)</u>	Line 1 + Line 2
4 Excess(Deficient) COG Recovery in Prior Period (Jul-2014 - Jun-2015)	(\$195,030)	(\$308,545)	(\$628,756)	(\$1,132,331)	True-Up*
5 Net True-up Charges/Credits Related to Prior Period	<u>\$221,953</u>	<u>\$440,887</u>	<u>\$684,467</u>	<u>\$1,347,307</u>	Sch C
6 Subtotal: Excess (Deficient) True-Up of Prior Period	<u>\$26,923</u>	<u>\$132,342</u>	<u>\$55,711</u>	<u>\$214,976</u>	Line 4 + Line 5
7 Net Excess (Deficient) COG Recovery (Jul-2015 - Jun-2016)	(\$242,669)	(\$525,544)	(\$207,838)	(\$976,051)	Line 3 + Line 6
8 Carrying Charges	<u>(\$73)</u>	<u>(\$178)</u>	<u>(\$71)</u>	<u>(\$322)</u>	Sch G
9 Total Excess (Deficient) COG Recovery (Jul-2015 - Jun-2016)	<u>(\$242,741)</u>	<u>(\$525,722)</u>	<u>(\$207,909)</u>	<u>(\$976,373)</u>	Line 7 + Line 8
10 Forecasted Therms for Next True-Up Period (Sept-2016 - Aug-2017)	37,285,627	50,178,530	21,647,409	109,111,566	Sch B
True-Up Factor (\$/therm) effective 9/1/2016 - 8/31/2017	\$0.00651	\$0.01048	\$0.00960		Line 9 / Line 10

* Previous True-Up filing submitted 9/1/15

Firm Sales	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Residential	493,806	406,000	450,410	868,432	1,734,029	4,237,790	6,165,835	5,919,478	4,872,195	3,003,019	1,617,742	694,274	30,463,011
Commercial/Industrial	1,163,149	1,065,160	1,124,438	1,534,478	2,706,758	5,656,596	8,217,894	7,523,421	6,371,748	4,257,776	2,619,655	1,505,380	43,746,453
Interdepartmental	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Firm	1,163,149	1,065,160	1,124,438	1,534,478	2,706,758	5,656,596	8,217,894	7,523,421	6,371,748	4,257,776	2,619,655	1,505,380	43,746,453
Total Firm Sales (therms)	1,656,955	1,471,160	1,574,848	2,402,910	4,440,787	9,894,386	14,383,729	13,442,899	11,243,943	7,260,795	4,237,397	2,199,654	74,209,463
Interruptible Sales	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Small Interruptible	269,550	249,640	253,514	287,354	349,137	721,823	774,211	869,348	825,731	555,594	412,291	314,288	5,882,481
Large Interruptible	682,531	702,180	868,539	1,166,033	1,210,220	1,344,360	1,869,940	1,431,207	1,638,796	1,190,728	1,297,195	1,410,822	14,812,551
Total Interruptible Sales (therms)	952,081	951,820	1,122,053	1,453,387	1,559,357	2,066,183	2,644,151	2,300,555	2,464,527	1,746,322	1,709,486	1,725,110	20,695,032
Total North Dakota Sales (therms)	2,609,036	2,422,980	2,696,901	3,856,297	6,000,144	11,960,569	17,027,880	15,743,454	13,708,470	9,007,117	5,946,883	3,924,764	94,904,495
ND Transportation	497,740	343,430	518,290	603,360	503,450	642,270	623,950	835,320	656,810	611,040	561,140	617,650	7,014,450

State of MN	Total Dekatherms
Residential	35,894,669
Commercial/Industrial	20,542,445
Demand Billed	2,767,907
<hr/> Total Firm	<hr/> 59,205,021
Small Interruptible	2,293,711
Medium and Large Interruptible	7,917,831
<hr/> Total Interruptible	<hr/> 10,211,542
Total MN Sales (Dekatherms)	69,416,563
Demand Billed Demand	284,424
 State of ND	
Residential	3,728,563
Commercial & Industrial	5,017,853
<hr/> Total Firm	<hr/> 8,746,416
Small Interruptible	654,154
Large Interruptible	1,510,587
<hr/> Total Interruptible	<hr/> 2,164,741
Total ND Sales (Dekatherms)	10,911,157

Class	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Residential	493,806	406,000	450,410	868,432	1,734,029	4,237,790	6,165,835	5,919,478	4,872,195	3,003,019	1,617,742	694,274	30,463,011
	\$0.06285	\$0.06285	\$0.03499	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	
	\$31,036	\$25,517	\$15,760	\$4,464	\$8,913	\$21,782	\$31,692	\$30,426	\$25,043	\$15,436	\$8,315	\$3,569	\$221,953
Commercial/Industrial	1,163,149	1,065,160	1,124,438	1,534,478	2,706,758	5,656,596	8,217,894	7,523,421	6,371,748	4,257,776	2,619,655	1,505,380	43,746,453
	\$0.06527	\$0.06527	\$0.03679	\$0.00629	\$0.00629	\$0.00629	\$0.00629	\$0.00629	\$0.00629	\$0.00629	\$0.00629	\$0.00629	
	\$75,919	\$69,523	\$41,368	\$9,652	\$17,026	\$35,580	\$51,691	\$47,322	\$40,078	\$26,781	\$16,478	\$9,469	\$440,887
Small Interruptible	269,550	249,640	253,514	287,354	349,137	721,823	774,211	869,348	825,731	555,594	412,291	314,288	5,882,481
	\$0.07577	\$0.07577	\$0.05234	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	
	\$20,424	\$18,915	\$13,269	\$7,830	\$9,514	\$19,670	\$21,097	\$23,690	\$22,501	\$15,140	\$11,235	\$8,564	\$191,849
Large Interruptible	682,531	702,180	868,539	1,166,033	1,210,220	1,344,360	1,869,940	1,431,207	1,638,796	1,190,728	1,297,195	1,410,822	14,812,551
	\$0.07577	\$0.07577	\$0.05234	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	\$0.02725	
	\$51,715	\$53,204	\$45,459	\$31,774	\$32,978	\$36,634	\$50,956	\$39,000	\$44,657	\$32,447	\$35,349	\$38,445	\$492,618
Total True-Up Revenue	\$179,094	\$167,159	\$115,856	\$53,720	\$68,431	\$113,666	\$155,436	\$140,438	\$132,279	\$89,804	\$71,377	\$60,047	\$1,347,307
Total Volume	2,609,036	2,422,980	2,696,901	3,856,297	6,000,144	11,960,569	17,027,880	15,743,454	13,708,470	9,007,117	5,946,883	3,924,764	94,904,495

Demand Expense	Jun '15	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Total
Total Demand	\$3,072,226	\$2,897,552	\$2,913,002	\$3,035,081	\$3,018,442	\$6,691,730	\$6,760,568	\$6,806,245	\$6,733,775	\$6,613,855	\$3,003,148	\$3,027,563	\$54,573,187
less Shared Transport Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,316	\$0	\$0	\$0	\$0	\$42,316
General System Demand	\$3,072,226	\$2,897,552	\$2,913,002	\$3,035,081	\$3,018,442	\$6,691,730	\$6,760,568	\$6,763,930	\$6,733,775	\$6,613,855	\$3,003,148	\$3,027,563	\$54,530,871
General System Demand Allocation													
MN Design Day Allocator	88.42%	88.42%	88.42%	88.42%	88.42%	87.99%	87.99%	87.99%	87.99%	87.99%	87.99%	87.99%	
ND Design Day Allocator	11.58%	11.58%	11.58%	11.58%	11.58%	12.01%	12.01%	12.01%	12.01%	12.01%	12.01%	12.01%	
MN General System Demand Exp	\$2,716,462	\$2,562,015	\$2,575,677	\$2,683,619	\$2,668,906	\$5,888,053	\$5,948,623	\$5,951,582	\$5,925,048	\$5,819,531	\$2,642,470	\$2,663,953	\$48,045,940
ND General System Demand Exp	\$355,764	\$335,536	\$337,326	\$351,462	\$349,536	\$803,677	\$811,944	\$812,348	\$808,726	\$794,324	\$360,678	\$363,610	\$6,484,932
Penalty Credit Allocation													
Curtailment Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Curtailment Penalty - Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Balancing Penalty	\$12,793	\$10,128	\$5,853	\$3,988	\$10,497	\$11,357	\$15,672	\$11,538	\$11,175	\$7,987	\$12,317	\$10,634	\$123,939
Total Penalty Credit	\$12,793	\$10,128	\$5,853	\$3,988	\$10,497	\$11,357	\$15,672	\$11,538	\$11,175	\$7,987	\$12,317	\$10,634	\$123,939
MN Penalty Credit (Design Day Alloc)	\$11,312	\$8,955	\$5,175	\$3,526	\$9,282	\$9,993	\$13,790	\$10,152	\$9,833	\$7,028	\$10,838	\$9,357	\$109,240
ND Penalty Credit (Design Day Alloc)	\$1,481	\$1,173	\$678	\$462	\$1,216	\$1,364	\$1,882	\$1,386	\$1,342	\$959	\$1,479	\$1,277	\$14,699
Total Demand Expense by State													
Total MN Demand Exp	\$2,716,462	\$2,562,015	\$2,575,677	\$2,683,619	\$2,668,906	\$5,888,053	\$5,948,623	\$5,951,582	\$5,925,048	\$5,819,531	\$2,642,470	\$2,663,953	\$48,045,940
less Penalty Credit - MN	\$11,312	\$8,955	\$5,175	\$3,526	\$9,282	\$9,993	\$13,790	\$10,152	\$9,833	\$7,028	\$10,838	\$9,357	\$109,240
Total MN Adjusted	\$2,705,150	\$2,553,060	\$2,570,502	\$2,680,092	\$2,659,625	\$5,878,061	\$5,934,834	\$5,941,430	\$5,915,216	\$5,812,503	\$2,631,632	\$2,654,596	\$47,936,700
Total ND Demand Exp	\$355,764	\$335,536	\$337,326	\$351,462	\$349,536	\$803,677	\$811,944	\$812,348	\$808,726	\$794,324	\$360,678	\$363,610	\$6,484,932
less Penalty Credit - ND	\$1,481	\$1,173	\$678	\$462	\$1,216	\$1,364	\$1,882	\$1,386	\$1,342	\$959	\$1,479	\$1,277	\$14,699
Total ND Adjusted	\$354,282	\$334,364	\$336,648	\$351,001	\$348,320	\$802,313	\$810,062	\$810,962	\$807,384	\$793,365	\$359,199	\$362,333	\$6,470,232
Commodity & Peakshaving Expense													
Commodity & Peakshaving Expense	Jun '15	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Total
Comm & Pkg w/o Interruptible Cap Purch	\$7,506,048	\$7,090,450	\$7,539,882	\$6,825,728	\$11,882,818	\$18,161,126	\$26,733,631	\$38,247,051	\$29,300,659	\$17,009,352	\$12,160,623	\$5,925,383	\$188,382,751
Interruptible Capacity Purchases	\$0	\$0	\$0	\$297	\$1,580	\$401	\$1,793	\$210,575	\$14,687	\$4,185	\$40,540	\$1,033	\$275,091
Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,316	\$0	\$0	\$0	\$0	\$42,316
Kansas Tax (2009-2014)	\$26,522	\$26,680	\$29,485	\$56,847	\$107,718	\$154,296	\$175,386	\$146,756	\$123,402	\$73,405	\$47,894	\$31,908	\$1,000,299
Kansas Tax (Current Year)	\$15,831	\$16,621	\$19,130	\$36,736	\$70,151	\$100,382	\$110,526	\$81,638	\$78,079	\$46,364	\$30,307	\$20,054	\$625,818
Total Commodity & Peaking	\$7,548,401	\$7,133,751	\$7,588,496	\$6,919,607	\$12,062,268	\$18,416,205	\$27,021,336	\$38,728,336	\$29,516,827	\$17,133,306	\$12,279,363	\$5,978,377	\$190,326,274
MN Sales Allocator	87.71%	87.41%	86.56%	86.12%	86.45%	86.51%	86.14%	87.94%	87.35%	86.73%	86.29%	85.15%	
ND Sales Allocator	12.29%	12.59%	13.44%	13.88%	13.55%	13.49%	13.86%	12.06%	12.65%	13.27%	13.71%	14.85%	
MN Comm & Pkg w/o Interruptible Cap P	\$6,583,555	\$6,197,762	\$6,526,522	\$5,878,317	\$10,272,696	\$15,711,191	\$23,028,350	\$33,634,457	\$25,594,126	\$14,752,211	\$10,493,402	\$5,045,463	\$163,718,050
MN Interruptible Capacity Purchases	\$0	\$0	\$0	\$255	\$1,366	\$347	\$1,545	\$185,180	\$12,829	\$3,630	\$34,982	\$880	\$241,013
MN Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,212	\$0.00	\$0	\$0	\$0	\$37,212
MN Kansas Tax (2009-2014)	\$26,522	\$26,680	\$29,485	\$56,847	\$107,718	\$154,296	\$175,386	\$146,756	\$123,402	\$73,405	\$47,894	\$31,908	\$1,000,299
MN Kansas Tax (Current Year)	\$13,538	\$14,431	\$16,597	\$31,912	\$60,647	\$86,871	\$95,733	\$80,106	\$67,358	\$40,068	\$26,142	\$17,417	\$550,820
MN Comm. & Peaking Expense	\$6,623,615	\$6,238,873	\$6,572,603	\$5,967,331	\$10,442,428	\$15,952,705	\$23,301,013	\$34,083,711	\$25,797,715	\$14,869,313	\$10,602,420	\$5,095,667	\$165,547,394
ND Comm & Pkg w/o Interruptible Cap P	\$922,493	\$892,688	\$1,013,360	\$947,411	\$1,610,122	\$2,449,936	\$3,705,281	\$4,612,594	\$3,706,533	\$2,257,141	\$1,667,221	\$879,919	\$24,664,701
ND Interruptible Capacity Purchases	\$0	\$0	\$0	\$41	\$214	\$54	\$249	\$25,395	\$1,858	\$555	\$5,558	\$153	\$34,078
ND Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,103	\$0.00	\$0	\$0	\$0	\$5,103
ND Kansas Tax	\$2,293	\$2,190	\$2,533	\$4,824	\$9,504	\$13,510	\$14,793	\$1,533	\$10,721	\$6,296	\$4,164	\$2,637	\$74,998
ND Comm. & Peaking Expense	\$924,786	\$894,878	\$1,015,893	\$952,276	\$1,619,840	\$2,463,500	\$3,720,323	\$4,644,626	\$3,719,112	\$2,263,992	\$1,676,944	\$882,710	\$24,778,880

Expense	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Commodity & Peaking	\$924,786	\$894,878	\$1,015,893	\$952,276	\$1,619,840	\$2,463,500	\$3,720,323	\$4,644,626	\$3,719,112	\$2,263,992	\$1,676,944	\$882,710	\$24,778,880
Demand	\$354,282	\$334,364	\$336,648	\$351,001	\$348,320	\$802,313	\$810,062	\$810,962	\$807,384	\$793,365	\$359,199	\$362,333	\$6,470,232
Total	\$1,279,069	\$1,229,241	\$1,352,541	\$1,303,277	\$1,968,160	\$3,265,813	\$4,530,385	\$5,455,588	\$4,526,496	\$3,057,357	\$2,036,143	\$1,245,043	\$31,249,112

Revenue	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Commodity & Peaking	\$762,628	\$714,660	\$806,598	\$1,088,284	\$1,639,230	\$3,156,407	\$4,606,589	\$4,304,361	\$3,491,336	\$1,928,216	\$1,157,947	\$786,536	\$24,442,792
Demand	\$75,276	\$66,835	\$69,021	\$101,187	\$273,523	\$855,735	\$1,257,425	\$1,175,178	\$982,945	\$475,839	\$185,852	\$96,477	\$5,615,293
Total	\$837,904	\$781,495	\$875,619	\$1,189,471	\$1,912,753	\$4,012,142	\$5,864,014	\$5,479,539	\$4,474,281	\$2,404,055	\$1,343,799	\$883,013	\$30,058,085

Over/(Under)	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Commodity & Peaking	(\$162,158)	(\$180,218)	(\$209,295)	\$136,007	\$19,390	\$692,906	\$886,266	(\$340,265)	(\$227,775)	(\$335,776)	(\$518,997)	(\$96,174)	(\$336,087)
Demand	(\$279,006)	(\$267,529)	(\$267,627)	(\$249,814)	(\$74,797)	\$53,422	\$447,363	\$364,216	\$175,561	(\$317,526)	(\$173,347)	(\$265,856)	(\$854,939)
Total	(\$441,164)	(\$447,746)	(\$476,922)	(\$113,806)	(\$55,407)	\$746,328	\$1,333,630	\$23,951	(\$52,215)	(\$653,302)	(\$692,344)	(\$362,030)	(\$1,191,027)

	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Demand Expense	\$354,282	\$334,364	\$336,648	\$351,001	\$348,320	\$802,313	\$810,062	\$810,962	\$807,384	\$793,365	\$359,199	\$362,333	\$6,470,232
<u>Annual Firm Billed Sales Allocator</u>													
Residential	30,463,011	41.05%											
Commercial/Industrial	43,746,453	58.95%											
Total	74,209,463	100.00%											
<u>Demand Expense Allocation to Class</u>													
Residential	\$145,433	\$137,256	\$138,194	\$144,086	\$142,985	\$329,349	\$332,530	\$332,900	\$331,431	\$325,676	\$147,451	\$148,738	\$2,656,030
Commercial/Industrial	\$208,849	\$197,107	\$198,454	\$206,915	\$205,335	\$472,963	\$477,532	\$478,062	\$475,953	\$467,689	\$211,748	\$213,595	\$3,814,202
Total Demand Expense	\$354,282	\$334,364	\$336,648	\$351,001	\$348,320	\$802,313	\$810,062	\$810,962	\$807,384	\$793,365	\$359,199	\$362,333	\$6,470,232
<u>Demand Revenue</u>													
Residential	\$22,434	\$18,445	\$19,740	\$36,570	\$106,805	\$366,513	\$539,017	\$517,481	\$425,927	\$196,804	\$70,954	\$30,451	\$2,351,141
Commercial/Industrial	\$52,842	\$48,390	\$49,281	\$64,617	\$166,718	\$489,222	\$718,408	\$657,697	\$557,018	\$279,035	\$114,898	\$66,026	\$3,264,152
Total Demand Revenue	\$75,276	\$66,835	\$69,021	\$101,187	\$273,523	\$855,735	\$1,257,425	\$1,175,178	\$982,945	\$475,839	\$185,852	\$96,477	\$5,615,293
<u>Demand Over/(Under)</u>													
Residential	(\$122,999)	(\$118,811)	(\$118,454)	(\$107,516)	(\$36,180)	\$37,164	\$206,487	\$184,581	\$94,496	(\$128,872)	(\$76,497)	(\$118,287)	(\$304,889)
Commercial/Industrial	(\$156,007)	(\$148,717)	(\$149,173)	(\$142,298)	(\$38,617)	\$16,259	\$240,876	\$179,635	\$81,065	(\$188,654)	(\$96,850)	(\$147,569)	(\$550,050)
Total Demand Over/(Under)	(\$279,006)	(\$267,529)	(\$267,627)	(\$249,814)	(\$74,797)	\$53,422	\$447,363	\$364,216	\$175,561	(\$317,526)	(\$173,347)	(\$265,856)	(\$854,939)

	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Expense													
ND Comm. & Peaking Expense	\$924,786	\$894,878	\$1,015,893	\$952,276	\$1,619,840	\$2,463,500	\$3,720,323	\$4,644,626	\$3,719,112	\$2,263,992	\$1,676,944	\$882,710	\$24,778,880
less ND Interruptible Capacity Purc	\$0	\$0	\$0	(\$41)	(\$214)	(\$54)	(\$249)	(\$25,395)	(\$1,858)	(\$555)	(\$5,558)	(\$153)	(\$34,078)
less ND Int. Shared Transport cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,103)	\$0	\$0	\$0	\$0	(\$5,103)
ND Comm & Pkg w/o Int Cap Purcl	\$924,786	\$894,878	\$1,015,893	\$952,235	\$1,619,626	\$2,463,446	\$3,720,074	\$4,614,127	\$3,717,254	\$2,263,437	\$1,671,386	\$882,556	\$24,739,698
Sales Allocator													
Residential	18.93%	16.76%	16.70%	22.52%	28.90%	35.43%	36.21%	37.60%	35.54%	33.34%	27.20%	17.69%	
Commercial/Industrial	44.58%	43.96%	41.69%	39.79%	45.11%	47.29%	48.26%	47.79%	46.48%	47.27%	44.05%	38.36%	
Small Interruptible	10.33%	10.30%	9.40%	7.45%	5.82%	6.04%	4.55%	5.52%	6.02%	6.17%	6.93%	8.01%	
Large Interruptible	26.16%	28.98%	32.21%	30.24%	20.17%	11.24%	10.98%	9.09%	11.95%	13.22%	21.81%	35.95%	
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	\$175,032	\$149,948	\$169,664	\$214,442	\$468,068	\$872,832	\$1,347,048	\$1,734,894	\$1,321,168	\$754,641	\$454,670	\$156,120	\$7,818,528
Commercial/Industrial	\$412,284	\$393,395	\$423,563	\$378,909	\$730,638	\$1,165,055	\$1,795,360	\$2,204,981	\$1,727,794	\$1,069,955	\$736,260	\$338,513	\$11,376,707
Small Interruptible	\$95,543	\$92,199	\$95,496	\$70,956	\$94,243	\$148,670	\$169,142	\$254,790	\$223,909	\$139,618	\$115,875	\$70,674	\$1,571,115
Large Interruptible	\$241,927	\$259,336	\$327,169	\$287,928	\$326,676	\$276,890	\$408,525	\$419,461	\$444,384	\$299,223	\$364,580	\$317,250	\$3,973,348
Total Comm & Peakshaving Exp	\$924,786	\$894,878	\$1,015,893	\$952,235	\$1,619,626	\$2,463,446	\$3,720,074	\$4,614,127	\$3,717,254	\$2,263,437	\$1,671,386	\$882,556	\$24,739,698
Sales Allocator													
Small Interruptible	28.31%	26.23%	22.59%	19.77%	22.39%	34.94%	29.28%	37.79%	33.50%	31.82%	24.12%	18.22%	
Large Interruptible	71.69%	73.77%	77.41%	80.23%	77.61%	65.06%	70.72%	62.21%	66.50%	68.18%	75.88%	81.78%	
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	\$8	\$48	\$19	\$73	\$11,525	\$622	\$177	\$1,340	\$28	\$13,840
Large Interruptible	\$0	\$0	\$0	\$33	\$166	\$35	\$176	\$18,974	\$1,235	\$379	\$4,218	\$125	\$25,341
Total Comm & Peakshaving Exp	\$0	\$0	\$0	\$41	\$214	\$54	\$249	\$30,499	\$1,858	\$555	\$5,558	\$153	\$39,181
Total Commodity & Peakshaving Expense													
Residential	\$175,032	\$149,948	\$169,664	\$214,442	\$468,068	\$872,832	\$1,347,048	\$1,734,894	\$1,321,168	\$754,641	\$454,670	\$156,120	\$7,818,528
Commercial/Industrial	\$412,284	\$393,395	\$423,563	\$378,909	\$730,638	\$1,165,055	\$1,795,360	\$2,204,981	\$1,727,794	\$1,069,955	\$736,260	\$338,513	\$11,376,707
Small Interruptible	\$95,543	\$92,199	\$95,496	\$70,964	\$94,291	\$148,688	\$169,214	\$266,315	\$224,532	\$139,794	\$117,216	\$70,701	\$1,584,956
Large Interruptible	\$241,927	\$259,336	\$327,169	\$287,961	\$326,842	\$276,925	\$408,701	\$438,435	\$445,619	\$299,602	\$368,797	\$317,375	\$3,998,689
Total Comm & Peakshaving Exp	\$924,786	\$894,878	\$1,015,893	\$952,276	\$1,619,840	\$2,463,500	\$3,720,323	\$4,644,626	\$3,719,112	\$2,263,992	\$1,676,944	\$882,710	\$24,778,880
Commodity & Peakshaving Revenue													
Residential	\$144,566	\$119,899	\$132,320	\$243,849	\$473,990	\$1,119,087	\$1,668,741	\$1,619,270	\$1,239,777	\$639,620	\$313,316	\$139,389	\$7,853,826
Commercial/Industrial	\$339,287	\$314,304	\$331,714	\$433,492	\$737,126	\$1,492,911	\$2,226,566	\$2,054,465	\$1,612,734	\$910,819	\$514,419	\$301,036	\$11,268,871
Small Interruptible	\$78,668	\$73,798	\$72,927	\$80,974	\$95,080	\$190,968	\$208,828	\$237,694	\$212,071	\$118,820	\$80,399	\$62,841	\$1,513,068
Large Interruptible	\$200,107	\$206,659	\$269,638	\$329,969	\$333,034	\$353,441	\$502,454	\$392,931	\$426,754	\$258,957	\$249,813	\$283,270	\$3,807,028
Total Comm & Peakshaving Rev	\$762,628	\$714,660	\$806,598	\$1,088,284	\$1,639,230	\$3,156,407	\$4,606,589	\$4,304,361	\$3,491,336	\$1,928,216	\$1,157,947	\$786,536	\$24,442,792
Commodity & Peakshaving - Over/(Under)													
Residential	(\$30,466)	(\$30,049)	(\$37,345)	\$29,407	\$5,922	\$246,255	\$321,694	(\$115,624)	(\$81,390)	(\$115,021)	(\$141,354)	(\$16,731)	\$35,298
Commercial/Industrial	(\$72,997)	(\$79,090)	(\$91,850)	\$54,583	\$6,487	\$327,856	\$431,206	(\$150,517)	(\$115,060)	(\$159,136)	(\$221,842)	(\$37,477)	(\$107,836)
Small Interruptible	(\$16,875)	(\$18,402)	(\$22,569)	\$10,009	\$789	\$42,280	\$39,614	(\$28,621)	(\$12,460)	(\$20,974)	(\$36,817)	(\$7,861)	(\$71,888)
Large Interruptible	(\$41,819)	(\$52,677)	(\$57,531)	\$42,007	\$6,192	\$76,516	\$93,753	(\$45,503)	(\$18,865)	(\$40,644)	(\$118,984)	(\$34,105)	(\$191,662)
Total Comm & Peak Over/(Under)	(\$162,158)	(\$180,218)	(\$209,295)	\$136,007	\$19,390	\$692,906	\$886,266	(\$340,265)	(\$227,775)	(\$335,776)	(\$518,997)	(\$96,174)	(\$336,087)

	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Residential	\$167,000	\$138,344	\$152,060	\$280,419	\$580,795	\$1,485,600	\$2,207,758	\$2,136,751	\$1,665,704	\$836,424	\$384,270	\$169,840	\$10,204,967
Sm Commercial/Industrial	\$392,129	\$362,694	\$380,995	\$498,109	\$903,844	\$1,982,133	\$2,944,974	\$2,712,162	\$2,169,752	\$1,189,854	\$629,317	\$367,062	\$14,533,023
Small Interruptible	\$78,668	\$73,798	\$72,927	\$80,974	\$95,080	\$190,968	\$208,828	\$237,694	\$212,071	\$118,820	\$80,399	\$62,841	\$1,513,068
Large Interruptible	\$200,107	\$206,659	\$269,638	\$329,969	\$333,034	\$353,441	\$502,454	\$392,931	\$426,754	\$258,957	\$249,813	\$283,270	\$3,807,028
Total	\$837,904	\$781,495	\$875,619	\$1,189,471	\$1,912,753	\$4,012,142	\$5,864,014	\$5,479,539	\$4,474,281	\$2,404,055	\$1,343,799	\$883,013	\$30,058,085

Class	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Residential	493,806	406,000	450,410	868,432	1,734,029	4,237,790	6,165,835	5,919,478	4,872,195	3,003,019	1,617,742	694,274	30,463,011
	\$0.04543	\$0.04543	\$0.04383	\$0.04211	\$0.06159	\$0.08649	\$0.08742	\$0.08742	\$0.08742	\$0.06554	\$0.04386	\$0.04386	
	\$22,434	\$18,445	\$19,740	\$36,570	\$106,805	\$366,513	\$539,017	\$517,481	\$425,927	\$196,804	\$70,954	\$30,451	\$2,351,141
Commercial/Industrial	1,163,149	1,065,160	1,124,438	1,534,478	2,706,758	5,656,596	8,217,894	7,523,421	6,371,748	4,257,776	2,619,655	1,505,380	43,746,453
	\$0.04543	\$0.04543	\$0.04383	\$0.04211	\$0.06159	\$0.08649	\$0.08742	\$0.08742	\$0.08742	\$0.06554	\$0.04386	\$0.04386	
	\$52,842	\$48,390	\$49,281	\$64,617	\$166,718	\$489,222	\$718,408	\$657,697	\$557,018	\$279,035	\$114,898	\$66,026	\$3,264,152
Demand Revenue	\$75,276	\$66,835	\$69,021	\$101,187	\$273,523	\$855,735	\$1,257,425	\$1,175,178	\$982,945	\$475,839	\$185,852	\$96,477	\$5,615,293
Total Demand Revenue	\$75,276	\$66,835	\$69,021	\$101,187	\$273,523	\$855,735	\$1,257,425	\$1,175,178	\$982,945	\$475,839	\$185,852	\$96,477	\$5,615,293

Class	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Residential													
Total Revenue	\$167,000	\$138,344	\$152,060	\$280,419	\$580,795	\$1,485,600	\$2,207,758	\$2,136,751	\$1,665,704	\$836,424	\$384,270	\$169,840	\$10,204,967
less Demand Revenue	\$22,434	\$18,445	\$19,740	\$36,570	\$106,805	\$366,513	\$539,017	\$517,481	\$425,927	\$196,804	\$70,954	\$30,451	\$2,351,141
Commodity & Peakshaving Revenue	\$144,566	\$119,899	\$132,320	\$243,849	\$473,990	\$1,119,087	\$1,668,741	\$1,619,270	\$1,239,777	\$639,620	\$313,316	\$139,389	\$7,853,826
Commercial/Industrial													
Total Revenue	\$392,129	\$362,694	\$380,995	\$498,109	\$903,844	\$1,982,133	\$2,944,974	\$2,712,162	\$2,169,752	\$1,189,854	\$629,317	\$367,062	\$14,533,023
less Demand Revenue	\$52,842	\$48,390	\$49,281	\$64,617	\$166,718	\$489,222	\$718,408	\$657,697	\$557,018	\$279,035	\$114,898	\$66,026	\$3,264,152
Commodity & Peakshaving Revenue	\$339,287	\$314,304	\$331,714	\$433,492	\$737,126	\$1,492,911	\$2,226,566	\$2,054,465	\$1,612,734	\$910,819	\$514,419	\$301,036	\$11,268,871
Small Interruptible													
Commodity & Peakshaving Revenue	\$78,668	\$73,798	\$72,927	\$80,974	\$95,080	\$190,968	\$208,828	\$237,694	\$212,071	\$118,820	\$80,399	\$62,841	\$1,513,068
Large Interruptible													
Commodity & Peakshaving Revenue	\$200,107	\$206,659	\$269,638	\$329,969	\$333,034	\$353,441	\$502,454	\$392,931	\$426,754	\$258,957	\$249,813	\$283,270	\$3,807,028
Commodity & Peakshaving Revenue	\$762,628	\$714,660	\$806,598	\$1,088,284	\$1,639,230	\$3,156,407	\$4,606,589	\$4,304,361	\$3,491,336	\$1,928,216	\$1,157,947	\$786,536	\$24,442,792
Demand Revenue	\$75,276	\$66,835	\$69,021	\$101,187	\$273,523	\$855,735	\$1,257,425	\$1,175,178	\$982,945	\$475,839	\$185,852	\$96,477	\$5,615,293
Total Revenue	\$837,904	\$781,495	\$875,619	\$1,189,471	\$1,912,753	\$4,012,142	\$5,864,014	\$5,479,539	\$4,474,281	\$2,404,055	\$1,343,799	\$883,013	\$30,058,085

JUL					AUG				SEP			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1	1-Jul	0	29									
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	32		5-Aug	4	29		3-Sep	2	29	
5	8-Jul	7	30		6-Aug	5	29		4-Sep	3	29	
6	9-Jul	8	30		7-Aug	6	29		8-Sep	7	32	
7	10-Jul	9	30		10-Aug	9	31		9-Sep	8	30	
8	13-Jul	12	32		11-Aug	10	29		10-Sep	9	30	
9	14-Jul	13	32		12-Aug	11	29		11-Sep	10	30	
10	15-Jul	14	30		13-Aug	12	29		14-Sep	13	32	
11	16-Jul	15	30		14-Aug	13	29		15-Sep	14	32	
12	17-Jul	16	30		17-Aug	16	31		16-Sep	15	30	
13	20-Jul	19	32		18-Aug	17	29		17-Sep	16	30	
14	21-Jul	20	32		19-Aug	18	29		18-Sep	17	30	
15	22-Jul	21	30		20-Aug	19	29		21-Sep	20	32	
16	23-Jul	22	30		21-Aug	20	29		22-Sep	21	32	
17	24-Jul	23	30		24-Aug	23	31		23-Sep	22	30	
18	27-Jul	26	32		25-Aug	24	29		24-Sep	23	30	
19	28-Jul	27	32		26-Aug	25	29		25-Sep	24	30	
20	29-Jul	28	30		27-Aug	26	29		28-Sep	27	32	
21	30-Jul	29	30		28-Aug	27	29		29-Sep	28	32	
1	31-Jul	30	30		31-Aug	30	31		30-Sep	29	30	
2												
Total		351	674	0.5208		320	620	0.5161		309	640	0.4828

OCT					NOV				DEC			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1									1-Dec	0	33	
2	1-Oct	0	30						2-Dec	1	33	
3	2-Oct	1	30		2-Nov	1	31		3-Dec	2	31	
4	5-Oct	4	32		3-Nov	2	29		4-Dec	3	31	
5	6-Oct	5	32		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		6-Nov	5	29		9-Dec	8	33	
8	9-Oct	8	29		9-Nov	8	31		10-Dec	9	31	
9	12-Oct	11	31		10-Nov	9	29		11-Dec	10	31	
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		13-Nov	12	29		16-Dec	15	33	
13	16-Oct	15	29		16-Nov	15	31		17-Dec	16	31	
14	19-Oct	18	31		17-Nov	16	29		18-Dec	17	31	
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		20-Nov	19	29		23-Dec	22	33	
18	23-Oct	22	29		23-Nov	22	31		28-Dec	27	35	
19	26-Oct	25	31		24-Nov	23	29		29-Dec	28	35	
20	27-Oct	26	29		25-Nov	24	29		30-Dec	29	35	
21	28-Oct	27	29		30-Nov	29	33		31-Dec	30	31	
1	29-Oct	28	29									
2	30-Oct	29	29									
Total		331	652	0.5077		248	563	0.4405		298	685	0.4350

Cycle	JAN				FEB				MAR			
	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
20									1-Mar	0	32	
21					1-Feb	0	32		2-Mar	1	30	
1	4-Jan	3	34		2-Feb	1	29		3-Mar	2	30	
2	5-Jan	4	34		3-Feb	2	29		4-Mar	3	30	
3	6-Jan	5	34		4-Feb	3	29		7-Mar	6	32	
4	7-Jan	6	34		5-Feb	4	29		8-Mar	7	32	
5	8-Jan	7	32		8-Feb	7	31		9-Mar	8	30	
6	11-Jan	10	34		9-Feb	8	29		10-Mar	9	30	
7	12-Jan	11	34		10-Feb	9	29		11-Mar	10	30	
8	13-Jan	12	34		11-Feb	10	29		14-Mar	13	32	
9	14-Jan	13	34		12-Feb	11	29		15-Mar	14	32	
10	15-Jan	14	32		16-Feb	15	32		16-Mar	15	29	
11	18-Jan	17	34		17-Feb	16	30		17-Mar	16	29	
12	19-Jan	18	34		18-Feb	17	30		18-Mar	17	29	
13	20-Jan	19	34		19-Feb	18	30		21-Mar	20	31	
14	21-Jan	20	34		22-Feb	21	32		22-Mar	21	29	
15	22-Jan	21	32		23-Feb	22	32		23-Mar	22	29	
16	25-Jan	24	34		24-Feb	23	30		24-Mar	23	29	
17	26-Jan	25	34		25-Feb	24	30		25-Mar	24	29	
18	27-Jan	26	30		26-Feb	25	30		28-Mar	27	31	
19	28-Jan	27	30		29-Feb	28	32		29-Mar	28	29	
20	29-Jan	28	30						30-Mar	29	29	
21									31-Mar	29	29	
Total		310	662	0.4683		264	603	0.4378		344	692	0.4971

Cycle	APR				MAY				JUN			
	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1	1-Apr	0	29		2-May	1	31		1-Jun	0	30	
2	4-Apr	3	31		3-May	2	29		2-Jun	1	30	
3	5-Apr	4	29		4-May	3	29		3-Jun	2	30	
4	6-Apr	5	29		5-May	4	29		6-Jun	5	32	
5	7-Apr	6	29		6-May	5	29		7-Jun	6	32	
6	8-Apr	7	29		9-May	8	31		8-Jun	7	30	
7	11-Apr	10	31		10-May	9	29		9-Jun	8	30	
8	12-Apr	11	29		11-May	10	29		10-Jun	9	30	
9	13-Apr	12	29		12-May	11	29		13-Jun	12	32	
10	14-Apr	13	29		13-May	12	29		14-Jun	13	32	
11	15-Apr	14	29		16-May	15	31		15-Jun	14	30	
12	18-Apr	17	31		17-May	16	29		16-Jun	15	30	
13	19-Apr	18	29		18-May	17	29		17-Jun	16	30	
14	20-Apr	19	29		19-May	18	29		20-Jun	19	32	
15	21-Apr	20	29		20-May	19	29		21-Jun	20	32	
16	22-Apr	21	29		23-May	22	31		22-Jun	21	30	
17	25-Apr	24	31		24-May	23	29		23-Jun	22	30	
18	26-Apr	25	29		25-May	24	29		24-Jun	23	30	
19	27-Apr	26	29		26-May	25	29		27-Jun	26	32	
20	28-Apr	27	29		27-May	26	29		28-Jun	27	32	
21	29-Apr	28	29		31-May	30	32		29-Jun	28	29	
Total		310	617	0.5024		300	620	0.4839		294	645	0.4558

Mo	Description	Multiplier	Demand
JUL	Previous	0.0000	\$0.04543
	Old	0.4792	\$0.04543
	New	0.5208	\$0.04543
	Weighted	1.0000	\$0.04543
AUG	Previous	0.0000	\$0.04543
	Old	0.4839	\$0.04543
	New	0.5161	\$0.04543
	Weighted	1.0000	\$0.04543
SEP	Previous	0.0000	\$0.04543
	Old	0.5172	\$0.04543
	New	0.4828	\$0.04211
	Weighted	1.0000	\$0.04383
OCT	Previous	0.0000	\$0.04543
	Old	0.4923	\$0.04211
	New	0.5077	\$0.04211
	Weighted	1.0000	\$0.04211
NOV	Previous	0.0000	\$0.04211
	Old	0.5595	\$0.04211
	New	0.4405	\$0.08634
	Weighted	1.0000	\$0.06159
DEC	Previous	0.0073	\$0.04211
	Old	0.5577	\$0.08634
	New	0.4350	\$0.08742
	Weighted	1.0000	\$0.08649
JAN	Previous	0.0000	\$0.08634
	Old	0.5317	\$0.08742
	New	0.4683	\$0.08742
	Weighted	1.0000	\$0.08742
FEB	Previous	0.0017	\$0.08742
	Old	0.5605	\$0.08742
	New	0.4378	\$0.08742
	Weighted	1.0000	\$0.08742
MAR	Previous	0.0043	\$0.08742
	Old	0.4986	\$0.08742
	New	0.4971	\$0.08742
	Weighted	1.0000	\$0.08742
APR	Previous	0.0000	\$0.08742
	Old	0.4976	\$0.08742
	New	0.5024	\$0.04386
	Weighted	1.0000	\$0.06554
MAY	Previous	0.0000	\$0.08742
	Old	0.5161	\$0.04386
	New	0.4839	\$0.04386
	Weighted	1.0000	\$0.04386
JUN	Previous	0.0000	\$0.04386
	Old	0.5442	\$0.04386
	New	0.4558	\$0.04386
	Weighted	1.0000	\$0.04386

Filed September 1, 2016

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	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Total
Gas Cost Recovery	\$837,904	\$781,495	\$875,619	\$1,189,471	\$1,912,753	\$4,012,142	\$5,864,014	\$5,479,539	\$4,474,281	\$2,404,055	\$1,343,799	\$883,013	\$30,058,085
Gas Expenses (actual)	\$1,279,069	\$1,229,241	\$1,352,541	\$1,303,277	\$1,968,160	\$3,265,813	\$4,530,385	\$5,455,588	\$4,526,496	\$3,057,357	\$2,036,143	\$1,245,043	\$31,249,112
(Over) Under Recovery	\$441,164	\$447,746	\$476,922	\$113,806	\$55,407	(\$746,328)	(\$1,333,630)	(\$23,951)	\$52,215	\$653,302	\$692,344	\$362,030	\$1,191,027
Related Deferred Tax (@ 37.9445%)	\$167,398	\$169,895	\$180,966	\$43,183	\$21,024	(\$283,191)	(\$504,132)	(\$9,054)	\$19,738	\$246,958	\$261,716	\$136,853	\$451,354
Net Balance	\$273,767	\$277,851	\$295,956	\$70,623	\$34,383	(\$463,138)	(\$829,498)	(\$14,897)	\$32,477	\$406,344	\$430,627	\$225,177	\$739,673
Cumulative Net Balance	\$273,767	\$551,618	\$847,591	\$918,223	\$952,620	\$489,573	(\$339,739)	(\$354,528)	(\$322,140)	\$84,116	\$514,681	\$739,877	\$1,479,668
3 Month Treasury Bill Rate	0.03%	0.07%	0.02%	0.02%	0.12%	0.23%	0.26%	0.31%	0.29%	0.23%	0.27%	0.27%	
Carrying Charge (previous month * rate)		\$16	\$9	\$14	\$91	\$186	\$108	(\$89)	(\$87)	(\$63)	\$19	\$118	\$322

	Residential	Commercial/ Industrial	Small & Large Interruptible	Total
(Over) Under Recovery (7/2015-6/2016)	269,592	657,886	263,549	1,191,027
Allocation of Carrying Charge	22.6%	55.2%	22.1%	100.0%
Carrying Charge by Class	\$73	\$178	\$71	\$322

	<u>Jun '15</u>	<u>Jul '15</u>	<u>Aug '15</u>	<u>Sep '15</u>	<u>Oct '15</u>	<u>Nov '15</u>	<u>Dec '15</u>	<u>Jan '16</u>	<u>Feb '16</u>	<u>Mar '16</u>	<u>Apr '16</u>	<u>May '16</u>	<u>Total</u>
Demand Expense	\$3,072,226	\$2,897,552	\$2,913,002	\$3,035,081	\$3,018,442	\$6,691,730	\$6,760,568	\$6,806,245	\$6,733,775	\$6,613,855	\$3,003,148	\$3,027,563	\$54,573,187
Commodity Expense	\$7,545,932	\$7,091,929	\$7,476,110	\$6,876,972	\$11,996,626	\$18,332,775	\$26,909,956	\$38,552,739	\$29,423,064	\$17,027,568	\$12,138,115	\$5,975,397	\$189,347,183
LNG													
LPG													
<u>Boiloff</u>													
Peakshaving Exp	\$2,469	\$41,822	\$112,386	\$42,635	\$65,642	\$83,430	\$111,380	\$133,282	\$93,764	\$105,737	\$141,248	\$2,980	\$936,775
Total	\$10,620,627	\$10,031,303	\$10,501,499	\$9,954,688	\$15,080,709	\$25,107,935	\$33,781,904	\$45,492,266	\$36,250,602	\$23,747,161	\$15,282,512	\$9,005,940	\$244,857,146

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, 2015 to June 30,
2016, and Independent Accountants' Report

INDEPENDENT ACCOUNTANTS' REPORT

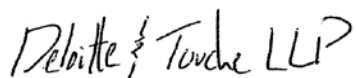
Northern States Power Company, a Minnesota corporation

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, 2015 to June 30, 2016. 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 and, accordingly, included examining, on a test basis, evidence supporting the Schedule and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion.

In our opinion, such Schedule presents, in all material respects, the cost of gas rider factors of the Company for the period from July 1, 2015 to June 30, 2016, as calculated 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 Cost of Gas Rider as defined on Sheet Nos. 5-19, 5-20, and 5-20.1 of the North Dakota Gas Rate Book, filed by the Company with the North Dakota Public Service Commission (the “Commission”).

This report is intended solely for the information and use of management and 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.



August 26, 2016

NORTHERN STATES POWER COMPANY, A MINNESOTA CORPORATION

SCHEDULE OF MONTHLY AND ANNUAL COST OF GAS RIDER FACTORS

FOR THE PERIOD FROM JULY 1, 2015 TO JUNE 30, 2016

(DOLLARS PER THERM)

	State of North Dakota		
	Residential	Commercial Industrial	Small & Large Interruptible
July 1, 2015	\$0.39828	\$0.40070	\$0.36577
August 1, 2015	\$0.40888	\$0.41130	\$0.37637
September 1, 2015	\$0.33157	\$0.33272	\$0.31157
October 1, 2015	\$0.32632	\$0.32747	\$0.30632
November 1, 2015	\$0.35335	\$0.35450	\$0.28912
December 1, 2015	\$0.35949	\$0.36064	\$0.29418
January 1, 2016	\$0.36782	\$0.36897	\$0.30251
February 1, 2016	\$0.36310	\$0.36425	\$0.29779
March 1, 2016	\$0.31881	\$0.31996	\$0.25350
April 1, 2016	\$0.23934	\$0.24049	\$0.21759
May 1, 2016	\$0.25006	\$0.25121	\$0.22831
June 1, 2016	\$0.24829	\$0.24944	\$0.22654
Annual true-up filing June 30, 2016	\$0.00651	\$0.01048	\$0.00960

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 the 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.