



414 Nicollet Mall
Minneapolis, MN 55401

PUBLIC DOCUMENT
NOT PUBLIC DATA HAS BEEN EXCISED

August 30, 2019

—Via Electronic Filing—

Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: Northern States Power Company
Natural Gas Operation – State of Minnesota
2019 Annual Purchased Gas Adjustment True-Up Filing
Docket No. G002/AA-19-____

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission its natural gas true-up report for the gas year ended June 30, 2019. Our true-up report includes several schedules showing the true-up calculations consistent with prior annual true-up filings.

In working with our auditors to put together this year's Gas Annual Automatic Adjustment report (Docket No. G999/AA-19-401), we discovered an error in our calculation of the Monthly Demand True-up calculation in the monthly PGA calculations during the course of this year. The impact of this error was that the Company credited back to customers an additional \$876,013 in demand cost over-recovery through this mechanism than would have otherwise been. (\$3,772,919 of demand over-recovery was credited back to customers through the mechanism instead of \$2,896,906.) For purposes of the Monthly Demand True-up mechanism, we inadvertently used Minnesota Company sales (including both MN and ND sales) instead of Minnesota state sales to allocate the PGA year sales to month. In other words, the "calculated sales" were incorrect, with more sales allocated to commercial and less to residential than should have been. This error produced incorrect sales differences and corresponding monthly demand true-up rates for credit or recovery. The Monthly Demand True-up rate caps were not affected by this error. No other monthly PGA calculations were affected by this error. The "as filed" and corrected

versions of the calculation can be found in the Appendix 1. We apologize for this error and note that we have put measures in place to eliminate this error in future PGA calculations.

The Company does not intend to rebill customers at this time. Essentially the error accelerated a credit of \$876,013, which was expected in the 2019-20 PGA true-up, to the 2018-19 year. The alternative-rebiling customers to remove the credit at this time only to provide the credit over the next twelve months could lead to customer confusion and serves no practical purpose. We have disclosed this issue in the September Purchased Gas Adjustment filing (filed August 29, 2019) and the AAA filing (filed concurrently in Docket No. G999/AA-19-401) in addition to this PGA True-up report. The Company is available for questions on this matter.

Xcel Energy requests that information marked as protected data in the attached schedules be protected as trade secret information pursuant to Minn. Rule 7829.0500. Under Minnesota Statute § 13.37, trade-secret information is defined in part as government data, including a compilation that: 1) was supplied by the affected individual or organization, 2) is subject to efforts by the individual or organization that are reasonable under the circumstances to maintain secrecy, and 3) derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use. The information on gas supplies, designated as trade secret, meets this definition for the following reasons:

1. Xcel Energy, the affected organization, is supplying the information.
2. Xcel Energy makes extensive efforts to maintain the secrecy of this information. This information is not available outside the Company except to other parties involved in contracts and to regulatory agencies under the confidentiality provisions of state or federal law, as evidenced by the non-disclosure provisions in the contracts. Xcel Energy also provides this information to state regulatory agencies in the AAA Reports and in the monthly PGA filings only in the confidential trade secret versions of these reports.
3. The supply information has economic value to Xcel Energy, its customers, suppliers, and competitors in at least three ways. First, if suppliers know the terms of the Company's supply and transportation contracts, they may be able to use this knowledge to fashion bids to the Company. These bids maybe competitive with existing contracts, but at a price higher than the best price the

supplier can offer. Second, suppliers will be reluctant to offer special favorable terms to Xcel Energy if they know other competitors or customers will gain knowledge of the terms and demand similar terms in the future. Third, competitors of Xcel Energy such as other Local Distribution Company's also purchase their services. These competitors may be able to leverage knowledge of the Company's costs to gain similar terms or may offer slightly better prices to the supplier, denying Xcel Energy access to this gas or other service. In the alternative, knowledge of such things as the Company's capacity- release revenues from agency, off-system, or standby service sales could be used by competing suppliers to undercut Xcel Energy's prices and take the market away from the Company. Any of these results would harm Xcel Energy and its natural gas customers in Minnesota.

Because the Company competes for supplies, transportation, storage and other services in the wholesale market, disclosure would directly harm Xcel Energy by making its delivered supply cost less competitive. To the extent that the Company's supply costs rise, our retail natural gas customers would have to pay higher rates. This result would not serve the public interest. For all of these reasons, the designated data included in this filing must be treated as Trade Secret information.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. 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
c: Service List

Northern States Power Company
Gas Operations - State of MN
SUMMARY OF GAS COST OVER/(UNDER) RECOVERY: July 2018 - June 2019
Filed August 30, 2019

Schedule A
Page 1 of 2

Description	Residential	Small & Large Commercial Firm	Sm & Lg Demand Billed Commodity	Sm & Lg Demand Billed Demand	Small Interruptible	Medium & Large Interruptible	Total	Schedule
<u>Previous Year 2017 - 2018</u>								
2017 - 2018 Gas Cost True-up Balance	\$1,971,317	\$208,479	(\$354,444)	\$71,989	(\$339,408)	(\$1,802,974)	(\$245,041)	True Up filing 9/1/18
Actual Recovery (2018 - 2019)	(\$2,062,792)	(\$156,002)	\$392,455	(\$66,572)	\$364,149	\$1,830,990	\$302,228	C1
Net 1 - Over/(Under) Recovery	(\$91,475)	\$52,477	\$38,011	\$5,417	\$24,741	\$28,016	\$57,187	
<u>Current Year 2018 - 2019</u>								
General Sales Expense	\$170,370,138	\$98,863,392	\$10,488,704	\$1,815,300	\$8,101,909	\$30,110,245	\$319,749,687	D2
General Sales Recovery	\$169,995,090	\$97,752,840	\$9,941,192	\$1,859,049	\$7,817,889	\$28,094,280	\$315,460,340	D2 or E1
Net 2 - Over/(Under) Recovery	(\$375,048)	(\$1,110,552)	(\$547,512)	\$43,749	(\$284,020)	(\$2,015,965)	(\$4,289,348)	
<u>True-Up Factors</u>								
Total Over/(Under) Recovery	(\$466,523)	(\$1,058,075)	(\$509,501)	\$49,167	(\$259,279)	(\$1,987,948)	(\$4,232,161)	Net 1 + Net 2
Therms Forecast (9/1/2019 - 8/31/2020)	381,713,095	228,502,168	31,075,202	3,291,318	20,588,002	82,415,415	744,293,882	B2
True-Up Factor (\$/therm)	\$0.00122	\$0.00463	\$0.01640	(\$0.01494)	\$0.01259	\$0.02412		

Northern States Power Company
Gas Operations - State of MN
SUMMARY OF KANSAS TAX OVER/(UNDER) RECOVERY: July 2018 - June 2019
--- included in General Sales Expense/Recovery in Schedule A, Page 1
Filed August 30, 2019

Schedule A
Page 2 of 2

Description	Residential	Small & Large Commercial	Sm & Lg Demand Billed	Sm & Lg Demand Billed	Small Interruptible	Medium & Large Interruptible	Total	Schedule
Previous Year 2017 - 2018								
Kansas Tax Expenses								
2009-2014 Kansas Tax	(\$67,408)	(\$39,039)	(\$5,225)	\$0	(\$3,426)	(\$14,561)	(\$129,659)	True Up filing 9/1/18
2017-2018 Kansas Tax	\$102,642	\$55,416	\$4,420	\$0	\$3,560	\$9,682	\$175,720	
2017-2018 Kansas Tax True-up Balance	\$35,234	\$16,377	(\$805)	\$0	\$134	(\$4,879)	\$46,062	
Actual Kansas Tax Recovery								
Actual 2009-2014 Kansas Tax Recovery	(68,986.00)	(39,356.00)	(4,030.00)	0.00	(3,256.00)	(10,032.00)	(125,660.00)	C3
Actual 2017-2018 Kansas Tax Recovery	109,708.00	58,615.00	4,271.00	0.00	3,750.00	9,176.00	185,520.00	C3
Actual Recovery (2018 - 2019)	40,722.00	19,259.00	241.00	0.00	494.00	(856.00)	59,860.00	
2009-2014 Kansas Tax Over/(Under) Recovery	(1,578.35)	(316.96)	1,194.98	0.00	170.13	4,528.79	3,998.59	
2017-2018 Kansas Tax Over/(Under) Recovery	7,066.09	3,198.54	(148.95)	0.00	189.96	(506.04)	9,799.59	
Net 1 - Over/(Under) Recovery	\$5,488	\$2,882	\$1,046	\$0	\$360	\$4,023	\$13,798	
Current Year 2018 - 2019								
Kansas Tax								
2009-2014 Kansas Tax	\$516,203	\$300,823	\$39,701	\$0	\$29,924	\$113,813	\$1,000,465	D5
Current Year Kansas Tax	\$267,781	\$157,875	\$22,261	\$0	\$16,127	\$64,878	\$528,922	D6
Total Kansas Tax	\$783,985	\$458,697	\$61,962	\$0	\$46,051	\$178,692	\$1,529,387	
Actual Kansas Tax Recovery								
Actual 2009-2014 Kansas Tax Recovery	\$570,892	\$331,065	\$43,459	\$0	\$33,062	\$124,000	\$1,102,478	D5
Actual Current Year Kansas Tax Recovery	\$363,611	\$210,757	\$28,038	\$0	\$21,173	\$80,058	\$703,637	D6
Actual Total Kansas Tax Recovery	\$934,503	\$541,822	\$71,497	\$0	\$54,235	\$204,058	\$1,806,115	
2009-2014 Kansas Tax Over/(Under) Recovery	\$54,689	\$30,242	\$3,758	\$0	\$3,138	\$10,187	\$102,013	D5
Current Year Kansas Tax Over/(Under) Recovery	\$95,830	\$52,882	\$5,777	\$0	\$5,046	\$15,180	\$174,715	D6
Net 2 - Over/(Under) Recovery	\$150,518	\$83,125	\$9,535	\$0	\$8,184	\$25,366	\$276,728	
Total Kansas Tax Over/(Under) Recovery	\$156,006	\$86,006	\$10,581	\$0	\$8,544	\$29,389	\$290,526	

Firm Sales	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential Firm	6,624,344	6,714,443	6,186,105	18,117,998	34,660,032	53,393,993	69,390,323	71,487,985	70,594,177	40,217,341	23,571,499	11,505,958	412,464,198
Small Commercial Firm	935,185	817,337	756,248	2,253,723	4,434,704	8,013,326	10,395,400	11,113,002	11,219,874	6,681,339	3,429,708	1,634,958	61,684,803
Interdepartmental	1,850	1,900	1,960	2,800	6,270	12,300	13,670	14,320	14,160	8,730	6,300	3,520	87,780
Small Commercial Firm	937,035	819,237	758,208	2,256,523	4,440,974	8,025,626	10,409,070	11,127,322	11,234,034	6,690,069	3,436,008	1,638,478	61,772,583
Large Commercial Firm	3,502,334	3,620,348	3,659,474	7,660,669	14,491,515	23,030,116	27,775,930	28,621,667	30,157,958	17,964,269	11,029,005	5,805,022	177,318,307
Small & Large Commercial Firm	4,439,369	4,439,585	4,417,682	9,917,192	18,932,489	31,055,742	38,185,000	39,748,989	41,391,992	24,654,338	14,465,013	7,443,500	239,090,891
Small Commercial Demand Billed	53,163	64,886	37,549	72,838	61,090	111,780	109,012	120,613	136,394	95,188	72,381	56,314	991,208
Large Commercial Demand Billed	1,441,259	1,328,094	1,503,681	1,785,809	2,659,260	3,535,694	3,620,724	3,704,559	3,802,550	2,767,514	2,315,347	1,605,041	30,069,532
Large Commercial Demand Billed - Gen	13,016	12,069	12,416	16,170	12,680	18,184	13,660	11,290	15,494	16,062	16,110	12,724	169,875
Commercial Demand Billed - Small & Large	1,507,438	1,405,049	1,553,646	1,874,817	2,733,030	3,665,658	3,743,396	3,836,462	3,954,438	2,878,764	2,403,838	1,674,079	31,230,615
Total Firm Sales (therms)	12,571,151	12,559,077	12,157,433	29,910,007	56,325,551	88,115,393	111,318,719	115,073,436	115,940,608	67,750,443	40,440,349	20,623,537	682,785,703
Interruptible Sales	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Small Interruptible	620,788	668,817	595,808	1,225,562	2,112,973	3,123,375	3,415,166	3,264,364	3,793,031	2,474,841	1,673,332	875,342	23,843,399
Medium and Large Interruptible	4,254,955	4,654,450	5,444,755	4,876,989	7,747,942	9,716,805	9,472,624	10,454,723	11,044,857	8,601,124	6,648,397	4,639,008	87,556,629
Interruptible Generation	115,502	57,365	150,446	82,140	89,960	51,346	60,910	168,550	297,846	140,948	159,340	94,916	1,469,269
Total Interruptible Sales (therms)	4,991,245	5,380,632	6,191,009	6,184,691	9,950,875	12,891,526	12,948,700	13,887,637	15,135,734	11,216,913	8,481,069	5,609,266	112,869,297
Total Minnesota Sales (therms)	17,562,396	17,939,709	18,348,442	36,094,698	66,276,426	101,006,919	124,267,419	128,961,073	131,076,341	78,967,356	48,921,418	26,232,803	795,655,000
Demand Billed Demand Volumes	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Small Demand Billed - Demand	9,030	10,215	7,844	10,215	7,900	9,086	9,088	8,516	8,909	10,395	9,273	9,273	109,745
Large Demand Billed - Demand	261,275	275,634	232,833	266,842	253,680	255,396	354,434	161,847	265,627	273,249	270,341	254,020	3,125,176
Small & Large Demand Billed - Demand	270,304	285,849	240,677	277,058	261,580	264,482	363,521	170,362	274,536	283,644	279,614	263,293	3,234,921
Demand Billed - Demand - Generation	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
Total Demand Billed - Demand	271,304	286,849	241,677	278,058	262,580	265,482	364,521	171,362	275,536	284,644	280,614	264,293	3,246,921
MN Design Day Therms	7,301,470	7,301,470	7,301,470	7,301,470	7,301,470	7,357,410	7,357,410	7,357,410	7,357,410	7,357,410	7,357,410	7,357,410	
Demand Billed Design Day %	3.72%	3.93%	3.31%	3.81%	3.60%	3.61%	4.95%	2.33%	3.75%	3.87%	3.81%	3.59%	

Northern States Power Company
Gas Operations - States of MN and ND
BUDGETED RETAIL DEKATHERM SALES: Sept. 2019 - Aug. 2020
Filed August 30, 2019

Schedule B
Page 2 of 2

State of MN	Total Dekatherms
Residential	38,171,309
Commercial/Industrial	22,850,217
Demand Billed	3,107,520
Total Firm	64,129,046
Small Interruptible	2,058,800
Medium and Large Interruptible	8,241,542
Total Interruptible	10,300,342
Total MN Sales (Dekatherms)	74,429,388
Demand Billed Demand	329,132

State of ND	
Residential	3,857,116
Commercial & Industrial	5,692,462
Total Firm	9,549,578
Small Interruptible	593,751
Medium and Large Interruptible	2,093,284
Total Interruptible	2,687,035
Total ND Sales (Dekatherms)	12,236,613

Class	Jul '18	Aug '18	Sep '18*	Oct '18*	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	6,624,344	6,714,443	6,186,105	18,117,998	34,660,032	53,393,993	69,390,323	71,487,985	70,594,177	40,217,341	23,571,499	11,505,958	412,464,198
	\$0.00286	\$0.00286	(\$0.00118)	(\$0.00529)	(\$0.00533)	(\$0.00533)	(\$0.00533)	(\$0.00533)	(\$0.00533)	(\$0.00533)	(\$0.00533)	(\$0.00533)	
	\$18,946	\$19,203	(\$7,300)	(\$95,844)	(\$184,738)	(\$284,590)	(\$369,850)	(\$381,031)	(\$376,267)	(\$214,358)	(\$125,636)	(\$61,327)	(\$2,062,792)
Commercial Firm	4,439,369	4,439,585	4,417,682	9,917,192	18,932,489	31,055,742	38,185,000	39,748,989	41,391,992	24,654,338	14,465,013	7,443,500	239,090,891
	\$0.00583	\$0.00583	\$0.00248	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	
	\$25,882	\$25,883	\$10,956	(9,322.00)	(18,365.00)	(30,124.00)	(37,039.00)	(38,557.00)	(40,150.00)	(23,915.00)	(14,031.00)	(7,220.00)	(156,002.00)
Demand Billed - Commodity	1,494,422	1,392,980	1,541,230	1,858,647.00	2,720,350.00	3,647,474.00	3,729,736.00	3,825,172.00	3,938,944.00	2,862,702.00	2,387,728.00	1,661,354.99	31,060,739.99
	\$0.01715	\$0.01715	\$0.01459	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	\$25,629	\$23,890	\$22,487	22,248.00	32,508.00	43,587.00	44,570.00	45,711.00	47,070.00	34,209.00	28,533.00	19,853.00	390,295.00
Demand Billed - Commodity Generation	13,016	12,069	12,416	16,170.00	12,680.00	18,183.60	13,660.00	11,290.00	15,494.40	16,061.80	16,109.80	12,724.00	169,874.70
	\$0.01715	\$0.01715	\$0.01195	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	\$223	\$207	\$148	193.00	152.00	217.00	163.00	135.00	185.00	192.00	193.00	152.00	2,160.00
Demand Billed - Demand	270,304	285,849	240,677	277,057.61	261,580.29	264,482.39	363,521.22	170,362.45	274,535.74	283,644.03	279,614.01	263,292.92	3,234,920.74
	(\$0.01125)	(\$0.01125)	(\$0.01703)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	
	(\$3,041)	(\$3,216)	(\$4,099)	(6,347.00)	(6,006.00)	(6,073.00)	(8,346.00)	(3,912.00)	(6,303.00)	(6,512.00)	(6,420.00)	(6,045.00)	(66,320.00)
Demand Billed - Demand Generation	1,000	1,000	1,000	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	12,000.00
	(\$0.01125)	(\$0.01125)	(\$0.02296)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	
	(\$11)	(\$11)	(\$23)	(23.00)	(23.00)	(23.00)	(23.00)	(23.00)	(23.00)	(23.00)	(23.00)	(23.00)	(252.00)
Small Interruptible	620,788	668,817	595,808	1,225,562.00	2,112,973.00	3,123,375.00	3,415,166.00	3,264,364.00	3,793,031.00	2,474,841.00	1,673,332.00	875,341.99	23,843,398.99
	\$0.00751	\$0.00751	\$0.01161	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
	\$4,662	\$5,023	\$6,917	19,352.00	33,448.00	49,443.00	54,062.00	51,675.00	60,044.00	39,177.00	26,489.00	13,857.00	364,149.00
Medium & Large Interruptible	4,254,955	4,654,450	5,444,755	4,876,989.00	7,747,942.00	9,716,805.00	9,472,624.00	10,454,723.00	11,044,857.00	8,601,124.00	6,648,397.00	4,639,007.97	87,556,628.97
	\$0.01606	\$0.01606	\$0.01862	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
	\$68,335	\$74,750	\$101,381	103,587.00	164,721.00	206,579.00	201,388.00	222,267.00	234,814.00	182,860.00	141,345.00	98,625.00	1,800,652.00
Medium & Large Interruptible Generation	115,502	57,365	150,446	82,140.00	89,960.00	51,346.40	60,910.00	168,550.00	297,845.60	140,948.20	159,340.20	94,916.00	1,469,269.30
	\$0.01606	\$0.01606	\$0.02126	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
	\$1,855	\$921	\$3,198	1,746.00	1,913.00	1,092.00	1,295.00	3,583.00	6,332.00	2,997.00	3,388.00	2,018.00	30,338.00
Total Volume (1)	17,562,396	17,939,709	18,348,442	36,094,697.54	66,276,426.12	101,006,919.00	124,267,419.01	128,961,072.67	131,076,341.11	78,967,356.42	48,921,418.19	26,232,802.98	795,655,000.42
Total True-Up Revenue	142,480	\$146,650	\$133,665	35,590.00	23,610.00	(19,892.00)	(113,780.00)	(100,152.00)	(74,298.00)	14,627.00	53,838.00	59,890.00	302,228.00

* Denotes Prorated Calendar Month Rate

(1) Excludes Demand Billed Demand Volumes

Class	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	6,624,344	6,714,443	6,186,105	18,117,998	34,660,032	53,393,993	69,390,323	71,487,985	70,594,177	40,217,341	23,571,499	11,505,958	412,464,198
2009-2014 factor	\$0.00147	\$0.00147	\$0.00143	\$0.00139	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00100	\$0.00097	\$0.00097	\$0.00097	\$0.00090	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$9,738	\$9,870	\$8,846	\$25,184	\$47,831	\$73,684	\$95,759	\$98,653	\$97,420	\$55,500	\$32,529	\$15,878	\$570,892
Current Year Tax Revenue	\$6,823	\$6,916	\$6,186	\$17,574	\$33,620	\$51,792	\$62,451	\$58,620	\$57,887	\$32,978	\$19,329	\$9,435	\$363,611
Total Tax Revenue	\$16,561	\$16,786	\$15,032	\$42,758	\$81,451	\$125,476	\$158,210	\$157,273	\$155,307	\$88,478	\$51,858	\$25,313	\$934,503
Commercial Firm	4,439,369	4,439,585	4,417,682	9,917,192	18,932,489	31,055,742	38,185,000	39,748,989	41,391,992	24,654,338	14,465,013	7,443,500	239,090,891
2009-2014 factor	\$0.00147	\$0.00147	\$0.00143	\$0.00139	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00100	\$0.00097	\$0.00097	\$0.00097	\$0.00090	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$6,526	\$6,526	\$6,317	\$13,785	\$26,127	\$42,857	\$52,695	\$54,854	\$57,121	\$34,023	\$19,962	\$10,272	\$331,065
Current Year Tax Revenue	\$4,573	\$4,573	\$4,418	\$9,620	\$18,365	\$30,124	\$34,367	\$32,594	\$33,941	\$20,217	\$11,861	\$6,104	\$210,757
Total Tax Revenue	\$11,099	\$11,099	\$10,735	\$23,405	\$44,492	\$72,981	\$87,062	\$87,448	\$91,062	\$54,240	\$31,823	\$16,376	\$541,822
Demand Billed - Commodity	1,494,422	1,392,980	1,541,230	1,858,647	2,720,350	3,647,474	3,729,736	3,825,172	3,938,944	2,862,702	2,387,728	1,661,355	31,060,740
2009-2014 factor	\$0.00147	\$0.00147	\$0.00143	\$0.00139	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00100	\$0.00097	\$0.00097	\$0.00097	\$0.00090	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$2,197	\$2,048	\$2,204	\$2,584	\$3,754	\$5,034	\$5,147	\$5,279	\$5,436	\$3,951	\$3,295	\$2,293	\$43,222
Current Year Tax Revenue	\$1,539	\$1,435	\$1,541	\$1,803	\$2,639	\$3,538	\$3,357	\$3,137	\$3,230	\$2,347	\$1,958	\$1,362	\$27,886
Total Tax Revenue	\$3,736	\$3,483	\$3,745	\$4,387	\$6,393	\$8,572	\$8,504	\$8,416	\$8,666	\$5,253	\$3,655	\$2,108	\$71,108
Demand Billed - Commodity Generation	13,016	12,069	12,416	16,170	12,680	18,184	13,660	11,290	15,494	16,062	16,110	12,724	169,875
2009-2014 factor	\$0.00147	\$0.00147	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00097	\$0.00097	\$0.00097	\$0.00097	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$19	\$18	\$17	\$22	\$18	\$25	\$19	\$16	\$21	\$22	\$22	\$18	\$237
Current Year Tax Revenue	\$13	\$12	\$12	\$16	\$12	\$18	\$11	\$9	\$13	\$13	\$13	\$10	\$152
Total Tax Revenue	\$32	\$30	\$29	\$38	\$30	\$43	\$30	\$25	\$34	\$35	\$35	\$28	\$389
Small Interruptible	620,788	668,817	595,808	1,225,562	2,112,973	3,123,375	3,415,166	3,264,364	3,793,031	2,474,841	1,673,332	875,342	23,843,399
2009-2014 factor	\$0.00147	\$0.00147	\$0.00143	\$0.00139	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00100	\$0.00097	\$0.00097	\$0.00097	\$0.00090	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$913	\$983	\$852	\$1,704	\$2,916	\$4,310	\$4,713	\$4,505	\$5,234	\$3,415	\$2,309	\$1,208	\$33,062
Current Year Tax Revenue	\$639	\$689	\$596	\$1,189	\$2,050	\$3,030	\$3,074	\$2,677	\$3,110	\$2,029	\$1,372	\$718	\$21,173
Total Tax Revenue	\$1,552	\$1,672	\$1,448	\$2,893	\$4,966	\$7,340	\$7,787	\$7,182	\$8,344	\$5,444	\$3,681	\$1,926	\$54,235
Medium & Large Interruptible	4,254,955	4,654,450	5,444,755	4,876,989	7,747,942	9,716,805	9,472,624	10,454,723	11,044,857	8,601,124	6,648,397	4,639,008	87,556,629
2009-2014 factor	\$0.00147	\$0.00147	\$0.00143	\$0.00139	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00100	\$0.00097	\$0.00097	\$0.00097	\$0.00090	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$6,255	\$6,842	\$7,786	\$6,779	\$10,692	\$13,409	\$13,072	\$14,428	\$15,242	\$11,870	\$9,175	\$6,402	\$121,952
Current Year Tax Revenue	\$4,383	\$4,794	\$5,445	\$4,731	\$7,516	\$9,425	\$8,525	\$8,573	\$9,057	\$7,053	\$5,452	\$3,804	\$78,758
Total Tax Revenue	\$10,638	\$11,636	\$13,231	\$11,510	\$18,208	\$22,834	\$21,597	\$23,001	\$24,299	\$18,923	\$14,627	\$10,206	\$200,710
Medium & Large Interruptible Generation	115,502	57,365	150,446	82,140	89,960	51,346	60,910	168,550	297,846	140,948	159,340	94,916	1,469,269
2009-2014 factor	\$0.00147	\$0.00147	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	\$0.00138	
Current Year factor	\$0.00103	\$0.00103	\$0.00097	\$0.00097	\$0.00097	\$0.00097	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	\$0.00082	
2009-2014 Tax Revenue	\$170	\$84	\$208	\$114	\$125	\$71	\$84	\$233	\$412	\$195	\$221	\$131	\$2,048
Current Year Tax Revenue	\$119	\$59	\$146	\$80	\$87	\$50	\$50	\$139	\$245	\$116	\$131	\$78	\$1,300
Total Tax Revenue	\$289	\$143	\$354	\$194	\$212	\$121	\$134	\$372	\$657	\$311	\$352	\$209	\$3,348
Total KS Tax Revenue	\$43,907	\$44,849	\$44,574	\$85,185	\$155,752	\$237,367	\$283,324	\$283,717	\$288,369	\$173,729	\$107,629	\$57,713	\$1,806,115
Total Volume (1)	17,562,396	17,939,709	18,348,442	36,094,698	66,276,426	101,006,919	124,267,419	128,961,073	131,076,341	78,967,356	48,921,418	26,232,803	795,655,000

Class	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	6,624,344	6,714,443	6,186,105	18,117,998	34,660,032	53,393,993	69,390,323	71,487,985	70,594,177	40,217,341	23,571,499	11,505,958	412,464,198
2009-2014 factor	\$0.00014	\$0.00014	(\$0.00002)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	
2017-2018 factor	(\$0.00007)	(\$0.00007)	\$0.00010	\$0.00028	\$0.00028	\$0.00028	\$0.00028	\$0.00028	\$0.00028	\$0.00028	\$0.00028	\$0.00028	
2009-2014 Tax Revenue	\$927	\$940	(\$124)	(\$3,261)	(\$6,239)	(\$9,611)	(\$12,490)	(\$12,868)	(\$12,707)	(\$7,239)	(\$4,243)	(\$2,071)	(\$68,986)
2017-2018 Tax Revenue	(\$464)	(\$470)	\$619	\$5,073	\$9,705	\$14,950	\$19,429	\$20,017	\$19,766	\$11,261	\$6,600	\$3,222	\$109,708
Total Tax Revenue	\$463	\$470	\$495	\$1,812	\$3,466	\$5,339	\$6,939	\$7,149	\$7,059	\$4,022	\$2,357	\$1,151	\$40,722
Commercial Firm	4,439,369	4,439,585	4,417,682	9,917,192	18,932,489	31,055,742	38,185,000	39,748,989	41,391,992	24,654,338	14,465,013	7,443,500	239,090,891
2009-2014 factor	\$0.00015	\$0.00015	(\$0.00001)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	
2017-2018 factor	(\$0.00006)	(\$0.00006)	\$0.00010	\$0.00026	\$0.00026	\$0.00026	\$0.00026	\$0.00026	\$0.00026	\$0.00026	\$0.00026	\$0.00026	
2009-2014 Tax Revenue	\$666	\$666	(\$44)	(\$1,785)	(\$3,408)	(\$5,590)	(\$6,873)	(\$7,155)	(\$7,451)	(\$4,438)	(\$2,604)	(\$1,340)	(\$39,356)
2017-2018 Tax Revenue	(\$266)	(\$266)	\$442	\$2,578	\$4,922	\$8,074	\$9,928	\$10,335	\$10,762	\$6,410	\$3,761	\$1,935	\$58,615
Total Tax Revenue	\$400	\$400	\$398	\$793	\$1,514	\$2,484	\$3,055	\$3,180	\$3,311	\$1,972	\$1,157	\$595	\$19,259
Demand Billed - Commodity	1,494,422	1,392,980	1,541,230	1,858,647	2,720,350	3,647,474	3,729,736	3,825,172	3,938,944	2,862,702	2,387,728	1,661,355	31,060,740
2009-2014 factor	\$0.00025	\$0.00025	\$0.00004	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	
2017-2018 factor	\$0.00004	\$0.00004	\$0.00009	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	
2009-2014 Tax Revenue	\$374	\$348	\$62	(\$335)	(\$490)	(\$657)	(\$671)	(\$689)	(\$709)	(\$515)	(\$430)	(\$299)	(\$4,011)
2017-2018 Tax Revenue	\$60	\$56	\$139	\$279	\$408	\$547	\$559	\$574	\$591	\$429	\$358	\$249	\$4,249
Total Tax Revenue	\$434	\$404	\$201	(\$56)	(\$82)	(\$110)	(\$112)	(\$115)	(\$118)	(\$86)	(\$72)	(\$50)	\$238
Demand Billed - Commodity Generation	13,016	12,069	12,416	16,170	12,680	18,184	13,660	11,290	15,494	16,062	16,110	12,724	169,875
2009-2014 factor	\$0.00025	\$0.00025	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	(\$0.00018)	
2017-2018 factor	\$0.00004	\$0.00004	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	\$0.00015	
2009-2014 Tax Revenue	\$3	\$3	(\$2)	(\$3)	(\$2)	(\$3)	(\$2)	(\$2)	(\$3)	(\$3)	(\$3)	(\$2)	(\$19)
2017-2018 Tax Revenue	\$1	\$0	\$2	\$2	\$2	\$3	\$2	\$2	\$2	\$2	\$2	\$2	\$22
Total Tax Revenue	\$4	\$3	\$0	(\$1)	\$0	\$0	\$0	\$0	(\$1)	(\$1)	(\$1)	\$0	\$3
Small Interruptible	620,788	668,817	595,808	1,225,562	2,112,973	3,123,375	3,415,166	3,264,364	3,793,031	2,474,841	1,673,332	875,342	23,843,399
2009-2014 factor	\$0.00019	\$0.00019	\$0.00002	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	(\$0.00016)	
2017-2018 factor	(\$0.00002)	(\$0.00002)	\$0.00007	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	
2009-2014 Tax Revenue	\$118	\$127	\$12	(\$196)	(\$338)	(\$500)	(\$546)	(\$522)	(\$607)	(\$396)	(\$268)	(\$140)	(\$3,256)
2017-2018 Tax Revenue	(\$12)	(\$13)	\$42	\$208	\$359	\$531	\$581	\$555	\$645	\$421	\$284	\$149	\$3,750
Total Tax Revenue	\$106	\$114	\$54	\$12	\$21	\$31	\$35	\$33	\$38	\$25	\$16	\$9	\$494
Medium & Large Interruptible	4,254,955	4,654,450	5,444,755	4,876,989	7,747,942	9,716,805	9,472,624	10,454,723	11,044,857	8,601,124	6,648,397	4,639,008	87,556,629
2009-2014 factor	\$0.00026	\$0.00026	\$0.00005	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	
2017-2018 factor	\$0.00006	\$0.00006	\$0.00008	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	
2009-2014 Tax Revenue	\$1,106	\$1,210	\$272	(\$829)	(\$1,317)	(\$1,652)	(\$1,610)	(\$1,777)	(\$1,878)	(\$1,462)	(\$1,130)	(\$789)	(\$9,856)
2017-2018 Tax Revenue	\$255	\$279	\$436	\$536	\$852	\$1,069	\$1,042	\$1,150	\$1,215	\$946	\$731	\$510	\$9,021
Total Tax Revenue	\$1,361	\$1,489	\$708	(\$293)	(\$465)	(\$583)	(\$568)	(\$627)	(\$663)	(\$516)	(\$399)	(\$279)	(\$835)
Medium & Large Interruptible Generation	115,502	57,365	150,446	82,140	89,960	51,346	60,910	168,550	297,846	140,948	159,340	94,916	1,469,269
2009-2014 factor	\$0.00026	\$0.00026	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	(\$0.00017)	
2017-2018 factor	\$0.00006	\$0.00006	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	\$0.00011	
2009-2014 Tax Revenue	\$30	\$15	(\$26)	(\$14)	(\$15)	(\$9)	(\$10)	(\$29)	(\$51)	(\$24)	(\$27)	(\$16)	(\$176)
2017-2018 Tax Revenue	\$7	\$3	\$17	\$9	\$10	\$6	\$7	\$19	\$33	\$16	\$18	\$10	\$155
Total Tax Revenue	\$37	\$18	(\$9)	(\$5)	(\$5)	(\$3)	(\$3)	(\$10)	(\$18)	(\$8)	(\$9)	(\$6)	(\$21)
Total KS Tax Revenue	\$2,805	\$2,898	\$1,847	\$2,262	\$4,449	\$7,158	\$9,346	\$9,610	\$9,608	\$5,408	\$3,049	\$1,420	\$59,860
Total Volume (1)	17,562,396	17,939,709	18,348,442	36,094,698	66,276,426	101,006,919	124,267,419	128,961,073	131,076,341	78,967,356	48,921,418	26,232,803	795,655,000

Demand Expense	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
Total Demand	\$2,979,448	\$3,045,045	\$3,043,791	\$3,175,732	\$3,151,293	\$6,979,424	\$6,988,271	\$6,971,714	\$6,860,238	\$6,898,632	\$3,210,792	\$3,240,611	\$56,544,989
less Shared Transport Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General System Demand	\$2,979,448	\$3,045,045	\$3,043,791	\$3,175,732	\$3,151,293	\$6,979,424	\$6,988,271	\$6,971,714	\$6,860,238	\$6,898,632	\$3,210,792	\$3,240,611	\$56,544,989
<u>General System Demand Allocation</u>													
MN Design Day Allocator	87.57%	87.57%	87.57%	87.57%	87.57%	87.51%	87.51%	87.51%	87.51%	87.51%	87.51%	87.51%	
ND Design Day Allocator	12.43%	12.43%	12.43%	12.43%	12.43%	12.49%	12.49%	12.49%	12.49%	12.49%	12.49%	12.49%	
MN General System Demand Exp	\$2,609,103	\$2,666,546	\$2,665,447	\$2,780,988	\$2,759,587	\$6,107,694	\$6,115,436	\$6,100,947	\$6,003,394	\$6,036,993	\$2,809,764	\$2,835,859	\$49,491,757
ND General System Demand Exp	\$370,345	\$378,499	\$378,343	\$394,743	\$391,706	\$871,730	\$872,835	\$870,767	\$856,844	\$861,639	\$401,028	\$404,752	\$7,053,232
<u>Penalty Credit Allocation</u>													
Curtailment Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,669,664	(\$785,229)	\$0	\$0	\$0	\$884,434
Curtailment Penalty - Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Balancing Penalty	\$10,836	\$6,522	\$8,463	\$7,532	\$20,053	\$13,326	\$7,055	\$10,070	\$11,644	\$21,049	\$11,443	\$8,520	\$136,513
Total Penalty Credit	\$10,836	\$6,522	\$8,463	\$7,532	\$20,053	\$13,326	\$7,055	\$1,679,733	(\$773,585)	\$21,049	\$11,443	\$8,520	\$1,020,947
MN Penalty Credit (Design Day Alloc)	\$9,489	\$5,711	\$7,411	\$6,595	\$17,561	\$11,662	\$6,174	\$1,469,935	(\$676,964)	\$18,420	\$10,014	\$7,456	\$893,463
ND Penalty Credit (Design Day Alloc)	\$1,347	\$811	\$1,052	\$936	\$2,493	\$1,664	\$881	\$209,799	(\$96,621)	\$2,629	\$1,429	\$1,064	\$127,484
<u>Total Demand Expense by State</u>													
Total MN Demand Exp	\$2,609,103	\$2,666,546	\$2,665,447	\$2,780,988	\$2,759,587	\$6,107,694	\$6,115,436	\$6,100,947	\$6,003,394	\$6,036,993	\$2,809,764	\$2,835,859	\$49,491,757
less Penalty Credit - MN	\$9,489	\$5,711	\$7,411	\$6,595	\$17,561	\$11,662	\$6,174	\$1,469,935	(\$676,964)	\$18,420	\$10,014	\$7,456	\$893,463
Total MN Adjusted	\$2,599,614	\$2,660,835	\$2,658,036	\$2,774,393	\$2,742,026	\$6,096,032	\$6,109,262	\$4,631,012	\$6,680,358	\$6,018,573	\$2,799,750	\$2,828,403	\$48,598,294
Total ND Demand Exp	\$370,345	\$378,499	\$378,343	\$394,743	\$391,706	\$871,730	\$872,835	\$870,767	\$856,844	\$861,639	\$401,028	\$404,752	\$7,053,232
less Penalty Credit - ND	\$1,347	\$811	\$1,052	\$936	\$2,493	\$1,664	\$881	\$209,799	(\$96,621)	\$2,629	\$1,429	\$1,064	\$127,484
Total ND Adjusted	\$368,999	\$377,688	\$377,291	\$393,807	\$389,213	\$870,066	\$871,954	\$660,968	\$953,464	\$859,010	\$399,599	\$403,688	\$6,925,748
<u>Commodity & Peakshaving Expense</u>													
Comm & Pkg w/o Interruptible Cap Purch	\$6,974,920	\$7,512,172	\$7,834,573	\$8,508,961	\$20,900,269	\$39,635,274	\$54,097,464	\$57,127,228	\$44,853,532	\$40,105,383	\$17,621,409	\$8,914,454	\$314,085,639
Interruptible Capacity Purchases	\$0	\$0	\$0	\$0	\$3,551	\$7,649	\$771	\$68,983	\$37,717	\$12,791	\$47,664	\$524	\$179,650
Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Kansas Tax (2009-2014)	\$29,487	\$24,212	\$25,864	\$29,753	\$56,541	\$106,451	\$159,864	\$179,266	\$153,546	\$125,830	\$69,633	\$40,018	\$1,000,465
Kansas Tax (Current Year)	\$24,162	\$19,890	\$21,012	\$24,625	\$46,561	\$87,054	\$129,769	\$123,382	\$105,253	\$87,252	\$48,005	\$27,812	\$744,778
Kansas Tax (Adjustment for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	(\$129,406)	\$0	\$0	\$0	\$0	\$0	(\$129,406)
Total Commodity & Peaking	\$7,028,570	\$7,556,274	\$7,881,449	\$8,563,339	\$21,006,923	\$39,836,427	\$54,258,462	\$57,498,859	\$45,150,047	\$40,331,256	\$17,786,712	\$8,982,809	\$315,881,126
MN Sales Allocator	85.43%	84.20%	84.45%	83.45%	85.91%	86.22%	85.65%	85.64%	86.06%	86.48%	86.83%	84.07%	
ND Sales Allocator	14.57%	15.80%	15.55%	16.55%	14.09%	13.78%	14.35%	14.36%	13.94%	13.52%	13.17%	15.93%	
MN Comm & Pkg w/o Interruptible Cap Purc	\$5,958,675	\$6,325,249	\$6,616,297	\$7,100,728	\$17,955,421	\$34,173,533	\$46,334,478	\$48,923,758	\$38,600,949	\$34,683,136	\$15,300,670	\$7,494,382	\$269,467,274
MN Interruptible Capacity Purchases	\$0	\$0	\$0	\$0	\$3,051	\$6,595	\$660	\$59,077	\$32,459	\$11,062	\$41,387	\$441	\$154,731
MN Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0
MN Kansas Tax (2009-2014)	\$29,487	\$24,212	\$25,864	\$29,753	\$56,541	\$106,451	\$159,864	\$179,266	\$153,546	\$125,830	\$69,633	\$40,018	\$1,000,465
MN Kansas Tax (Current Year)	\$20,615	\$16,927	\$18,083	\$20,821	\$39,567	\$74,493	\$111,871	\$106,426	\$91,157	\$74,702	\$41,340	\$23,758	\$639,759
MN Kansas Tax (Adjustment to Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	(\$110,836)	\$0	\$0	\$0	\$0	\$0	(\$110,836)
MN Comm. & Peaking Expense	\$6,008,776	\$6,366,388	\$6,660,244	\$7,151,302	\$18,054,580	\$34,361,071	\$46,496,037	\$49,268,526	\$38,878,111	\$34,894,729	\$15,453,029	\$7,558,598	\$271,151,393
ND Comm & Pkg w/o Interruptible Cap Purc	\$1,016,246	\$1,186,923	\$1,218,276	\$1,408,233	\$2,944,848	\$5,461,741	\$7,762,986	\$8,203,470	\$6,252,582	\$5,422,248	\$2,320,740	\$1,420,073	\$44,618,365
ND Interruptible Capacity Purchases	\$0	\$0	\$0	\$0	\$500	\$1,054	\$111	\$9,906	\$5,258	\$1,729	\$6,277	\$83	\$24,919
ND Interruptible Shared Transport costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0
ND Kansas Tax	\$3,547	\$2,963	\$2,929	\$3,804	\$6,994	\$12,561	(\$672)	\$16,956	\$14,096	\$12,549	\$6,666	\$4,055	\$86,449
ND Comm. & Peaking Expense	\$1,019,793	\$1,189,886	\$1,221,205	\$1,412,037	\$2,952,343	\$5,475,356	\$7,762,425	\$8,230,332	\$6,271,936	\$5,436,527	\$2,333,683	\$1,424,211	\$44,729,733

Expense	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
Commodity & Peaking w/o KS Tax	\$5,958,675	\$6,325,249	\$6,616,297	\$7,100,728	\$17,958,472	\$34,180,128	\$46,335,138	\$48,982,835	\$38,633,409	\$34,694,197	\$15,342,056	\$7,494,822	\$269,622,005
Kansas Tax (2009-2014)	\$29,487	\$24,212	\$25,864	\$29,753	\$56,541	\$106,451	\$159,864	\$179,266	\$153,546	\$125,830	\$69,633	\$40,018	\$1,000,465
Kansas Tax (Current Year)	\$20,615	\$16,927	\$18,083	\$20,821	\$39,567	\$74,493	\$111,871	\$106,426	\$91,157	\$74,702	\$41,340	\$23,758	\$639,759
Kansas Tax (Adj for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	(\$110,836)	\$0	\$0	\$0	\$0	\$0	(\$110,836)
Demand	\$2,599,614	\$2,660,835	\$2,658,036	\$2,774,393	\$2,742,026	\$6,096,032	\$6,109,262	\$4,631,012	\$6,680,358	\$6,018,573	\$2,799,750	\$2,828,403	\$48,598,294
Total	\$8,608,390	\$9,027,223	\$9,318,280	\$9,925,695	\$20,796,606	\$40,457,104	\$52,605,299	\$53,899,538	\$45,558,470	\$40,913,303	\$18,252,779	\$10,387,000	\$319,749,687

Revenue	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Commodity & Peaking w/o KS Tax	\$4,723,681	\$4,869,066	\$4,959,398	\$10,107,215	\$21,290,325	\$38,705,682	\$50,431,434	\$45,082,429	\$41,281,164	\$23,137,432	\$11,651,726	\$5,717,918	\$261,957,470
Kansas Tax (2009-2014)	\$25,818	\$26,371	\$26,230	\$50,172	\$91,463	\$139,390	\$171,489	\$177,968	\$180,886	\$108,976	\$67,513	\$36,202	\$1,102,478
Kansas Tax (Current Year)	\$18,089	\$18,478	\$18,344	\$35,013	\$64,289	\$97,977	\$111,835	\$105,749	\$107,483	\$64,753	\$40,116	\$21,511	\$703,637
Kansas Tax (Ad for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Demand	\$712,892	\$726,371	\$658,735	\$1,498,694	\$3,865,757	\$7,797,082	\$9,520,486	\$9,938,769	\$10,090,621	\$4,303,151	\$1,626,859	\$957,339	\$51,696,755
Total	\$5,480,480	\$5,640,286	\$5,662,707	\$11,691,093	\$25,311,834	\$46,740,130	\$60,235,244	\$55,304,915	\$51,660,154	\$27,614,312	\$13,386,214	\$6,732,971	\$315,460,340

Over/(Under)	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Commodity & Peaking w/o KS Tax	(\$1,234,994)	(\$1,456,182)	(\$1,656,899)	\$3,006,487	\$3,331,853	\$4,525,554	\$4,096,296	(\$3,900,406)	\$2,647,755	(\$11,556,765)	(\$3,690,331)	(\$1,776,904)	(\$7,664,536)
Kansas Tax (2009-2014)	(\$3,669)	\$2,159	\$366	\$20,419	\$34,922	\$32,939	\$11,625	(\$1,298)	\$27,340	(\$16,854)	(\$2,120)	(\$3,816)	\$102,013
Kansas Tax (Current Year)	(\$2,526)	\$1,551	\$261	\$14,192	\$24,722	\$23,484	(\$36)	(\$677)	\$16,326	(\$9,949)	(\$1,224)	(\$2,247)	\$63,878
Kansas Tax (Adj for Actual Bill)	\$0	\$0	\$0	\$0	\$0	\$0	\$110,836	\$0	\$0	\$0	\$0	\$0	\$110,836
Demand	(\$1,886,721)	(\$1,934,464)	(\$1,999,301)	(\$1,275,699)	\$1,123,731	\$1,701,050	\$3,411,223	\$5,307,757	\$3,410,262	(\$1,715,422)	(\$1,172,890)	(\$1,871,064)	\$3,098,460
Total	(\$3,127,910)	(\$3,386,937)	(\$3,655,573)	\$1,765,399	\$4,515,227	\$6,283,027	\$7,629,945	\$1,405,376	\$6,101,684	(\$13,298,990)	(\$4,866,565)	(\$3,654,030)	(\$4,289,348)

Expense	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
Dmd (w/ Demand Billed)	\$2,599,614	\$2,660,835	\$2,658,036	\$2,774,393	\$2,742,026	\$6,096,032	\$6,109,262	\$4,631,012	\$6,680,358	\$6,018,573	\$2,799,750	\$2,828,403	\$48,598,294
Demand Billed %	3.72%	3.93%	3.31%	3.81%	3.60%	3.61%	4.95%	2.33%	3.75%	3.87%	3.81%	3.59%	
Expense	\$96,595	\$104,535	\$87,980	\$105,656	\$98,611	\$219,967	\$302,682	\$107,862	\$250,180	\$232,847	\$106,783	\$101,602	\$1,815,300
Revenue	\$155,281	\$164,208	\$138,372	\$159,202	\$149,510	\$151,197	\$209,176	\$98,340	\$158,099	\$163,058	\$160,824	\$151,783	\$1,859,049
Over/(Under)	\$58,686	\$59,673	\$50,391	\$53,546	\$50,899	(\$68,770)	(\$93,506)	(\$9,522)	(\$92,081)	(\$69,789)	\$54,041	\$50,181	\$43,749
Dmd Exp w/o Dmd. Billed	\$2,503,019	\$2,556,300	\$2,570,056	\$2,668,737	\$2,643,416	\$5,876,065	\$5,806,580	\$4,523,151	\$6,430,178	\$5,785,726	\$2,692,966	\$2,726,801	\$46,782,995

Annual Firm Non-Demand Billed Sales Allocator

Residential	412,464,198	63.30%
Comm/Industrial	239,090,891	36.70%
Total	651,555,088	100.00%

Non-Demand Billed Demand Expense

Residential	\$1,584,525	\$1,618,255	\$1,626,963	\$1,689,433	\$1,673,403	\$3,719,818	\$3,675,831	\$2,863,361	\$4,070,597	\$3,662,630	\$1,704,771	\$1,726,190	\$29,615,777
Comm/Industrial	\$918,493	\$938,045	\$943,093	\$979,304	\$970,013	\$2,156,247	\$2,130,749	\$1,659,789	\$2,359,581	\$2,123,097	\$988,195	\$1,000,611	\$17,167,217
Total	\$2,503,019	\$2,556,300	\$2,570,056	\$2,668,737	\$2,643,416	\$5,876,065	\$5,806,580	\$4,523,151	\$6,430,178	\$5,785,726	\$2,692,966	\$2,726,801	\$46,782,995

	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
<u>Non-Demand Billed Demand Revenue</u>													
Residential	\$333,867	\$338,408	\$303,573	\$838,432	\$2,360,086	\$4,896,436	\$6,066,466	\$6,463,752	\$6,416,878	\$2,491,852	\$862,500	\$489,127	\$31,861,377
Comm/Industrial	\$223,744	\$223,755	\$216,790	\$501,060	\$1,356,161	\$2,749,449	\$3,244,844	\$3,376,677	\$3,515,644	\$1,648,241	\$603,535	\$316,429	\$17,976,329
Total	\$557,611	\$562,163	\$520,363	\$1,339,492	\$3,716,247	\$7,645,885	\$9,311,310	\$9,840,429	\$9,932,522	\$4,140,093	\$1,466,035	\$805,556	\$49,837,706

	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
<u>Non-Demand Billed Demand Over/(Under)</u>													
Residential	(\$1,250,658)	(\$1,279,847)	(\$1,323,390)	(\$851,001)	\$686,683	\$1,176,618	\$2,390,635	\$3,600,391	\$2,346,281	(\$1,170,778)	(\$842,271)	(\$1,237,063)	\$2,245,600
Comm/Industrial	(\$694,749)	(\$714,290)	(\$726,303)	(\$478,244)	\$386,148	\$593,202	\$1,114,095	\$1,716,888	\$1,156,063	(\$474,856)	(\$384,660)	(\$684,182)	\$809,112
Total	(\$1,945,408)	(\$1,994,137)	(\$2,049,693)	(\$1,329,245)	\$1,072,831	\$1,769,820	\$3,504,730	\$5,317,278	\$3,502,344	(\$1,645,633)	(\$1,226,931)	(\$1,921,245)	\$3,054,711

	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
<u>Expense</u>													
MN Comm. & Peaking Expense	\$6,008,776	\$6,366,388	\$6,660,244	\$7,151,302	\$18,054,580	\$34,361,071	\$46,496,037	\$49,268,526	\$38,878,111	\$34,894,729	\$15,453,029	\$7,558,598	\$271,151,393
less MN Interruptible Capacity Purc	\$0	\$0	\$0	\$0	(\$3,051)	(\$6,595)	(\$660)	(\$59,077)	(\$32,459)	(\$11,062)	(\$41,387)	(\$441)	(\$154,731)
less MN Int. Shared Transport cost:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MN Comm & Pkg w/o Int Cap Purc	\$6,008,776	\$6,366,388	\$6,660,244	\$7,151,302	\$18,051,529	\$34,354,477	\$46,495,377	\$49,209,450	\$38,845,652	\$34,883,668	\$15,411,642	\$7,558,157	\$270,996,662
<u>Sales Allocator</u>													
Residential	37.72%	37.43%	33.71%	50.20%	52.30%	52.86%	55.84%	55.43%	53.86%	50.93%	48.18%	43.86%	
Commercial Firm	25.28%	24.75%	24.08%	27.48%	28.57%	30.75%	30.73%	30.82%	31.58%	31.22%	29.57%	28.37%	
Demand Billed	8.58%	7.83%	8.47%	5.19%	4.12%	3.63%	3.01%	2.97%	3.02%	3.65%	4.91%	6.38%	
Small Interruptible	3.53%	3.73%	3.25%	3.40%	3.19%	3.09%	2.75%	2.53%	2.89%	3.13%	3.42%	3.34%	
Medium & Large Interruptible	24.89%	26.26%	30.49%	13.74%	11.83%	9.67%	7.67%	8.24%	8.65%	11.07%	13.92%	18.05%	
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%	
<u>Commodity & Peakshaving Expense without Interruptible Capacity Purchases</u>													
Residential	\$2,266,445	\$2,382,801	\$2,245,475	\$3,589,648	\$9,440,258	\$18,160,367	\$25,962,792	\$27,278,653	\$20,921,219	\$17,765,928	\$7,425,694	\$3,315,080	\$140,754,361
Commercial Firm	\$1,518,880	\$1,575,506	\$1,603,561	\$1,964,855	\$5,156,590	\$10,562,680	\$14,287,140	\$15,167,568	\$12,266,889	\$10,891,003	\$4,556,892	\$2,144,610	\$81,696,174
Demand Billed	\$515,753	\$498,620	\$563,953	\$371,450	\$744,388	\$1,246,764	\$1,400,613	\$1,463,932	\$1,171,933	\$1,271,688	\$757,277	\$482,333	\$10,488,704
Small Interruptible	\$212,396	\$237,348	\$216,271	\$242,816	\$575,505	\$1,062,322	\$1,277,804	\$1,245,628	\$1,124,099	\$1,093,256	\$527,147	\$252,202	\$8,066,794
Medium & Large Interruptible	\$1,495,303	\$1,672,114	\$2,030,985	\$982,533	\$2,134,788	\$3,322,344	\$3,567,027	\$4,053,668	\$3,361,512	\$3,861,792	\$2,144,631	\$1,363,931	\$29,990,629
Total	\$6,008,776	\$6,366,388	\$6,660,244	\$7,151,302	\$18,051,529	\$34,354,477	\$46,495,377	\$49,209,450	\$38,845,652	\$34,883,668	\$15,411,642	\$7,558,157	\$270,996,662
<u>Sales Allocator</u>													
Small Interruptible	12.44%	12.43%	9.62%	19.82%	21.23%	24.23%	26.37%	23.51%	25.06%	22.06%	19.73%	15.61%	
Medium & Large Interruptible	87.56%	87.57%	90.38%	80.18%	78.77%	75.77%	73.63%	76.49%	74.94%	77.94%	80.27%	84.39%	
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%	
<u>Direct Assignment of Interruptible Capacity Purchase & Shared Transport Expenses</u>													
Small Interruptible	\$0	\$0	\$0	\$0	\$648	\$1,598	\$174	\$13,886	\$8,134	\$2,441	\$8,166	\$69	\$35,115
Medium & Large Interruptible	\$0	\$0	\$0	\$0	\$2,403	\$4,997	\$486	\$45,190	\$24,325	\$8,621	\$33,221	\$372	\$119,616
Total	\$0	\$0	\$0	\$0	\$3,051	\$6,595	\$660	\$59,077	\$32,459	\$11,062	\$41,387	\$441	\$154,731
<u>Total Commodity & Peakshaving Expense</u>													
Residential	\$2,266,445	\$2,382,801	\$2,245,475	\$3,589,648	\$9,440,258	\$18,160,367	\$25,962,792	\$27,278,653	\$20,921,219	\$17,765,928	\$7,425,694	\$3,315,080	\$140,754,361
Commercial Firm	\$1,518,880	\$1,575,506	\$1,603,561	\$1,964,855	\$5,156,590	\$10,562,680	\$14,287,140	\$15,167,568	\$12,266,889	\$10,891,003	\$4,556,892	\$2,144,610	\$81,696,174
Demand Billed	\$515,753	\$498,620	\$563,953	\$371,450	\$744,388	\$1,246,764	\$1,400,613	\$1,463,932	\$1,171,933	\$1,271,688	\$757,277	\$482,333	\$10,488,704
Small Interruptible	\$212,396	\$237,348	\$216,271	\$242,816	\$576,153	\$1,063,920	\$1,277,978	\$1,259,515	\$1,132,233	\$1,095,697	\$535,313	\$252,271	\$8,101,909
Medium & Large Interruptible	\$1,495,303	\$1,672,114	\$2,030,985	\$982,533	\$2,137,191	\$3,327,341	\$3,567,513	\$4,098,859	\$3,385,837	\$3,870,413	\$2,177,853	\$1,364,303	\$30,110,245
Total	\$6,008,776	\$6,366,388	\$6,660,244	\$7,151,302	\$18,054,580	\$34,361,071	\$46,496,037	\$49,268,526	\$38,878,111	\$34,894,729	\$15,453,029	\$7,558,598	\$271,151,393
<u>Commodity & Peakshaving Revenue</u>													
	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	\$1,804,973	\$1,835,038	\$1,695,644	\$5,128,845	\$11,522,667	\$20,843,600	\$28,124,636	\$24,965,584	\$22,360,757	\$11,735,789	\$5,596,296	\$2,519,883	\$138,133,713
Commercial Firm	\$1,202,217	\$1,214,343	\$1,212,245	\$2,815,307	\$6,094,316	\$11,951,208	\$15,548,982	\$14,055,939	\$13,156,526	\$7,360,791	\$3,523,687	\$1,640,950	\$79,776,511
Demand Billed	\$408,550	\$385,682	\$425,598	\$524,561	\$832,535	\$1,374,142	\$1,567,592	\$1,360,674	\$1,254,746	\$851,416	\$584,736	\$370,960	\$9,941,192
Small Interruptible	\$168,331	\$183,086	\$161,362	\$342,616	\$663,808	\$1,178,058	\$1,415,505	\$1,168,955	\$1,210,803	\$727,485	\$403,551	\$194,329	\$7,817,889
Medium & Large Interruptible	\$1,183,517	\$1,295,765	\$1,509,124	\$1,381,071	\$2,332,751	\$3,596,040	\$4,058,044	\$3,814,993	\$3,586,702	\$2,635,680	\$1,651,083	\$1,049,509	\$28,094,280
Total Comm & Peakshvg Revenue	\$4,767,588	\$4,913,915	\$5,003,972	\$10,192,400	\$21,446,077	\$38,943,049	\$50,714,758	\$45,366,146	\$41,569,533	\$23,311,161	\$11,759,595	\$5,775,631	\$263,763,585
<u>Commodity & Peakshaving Over/(L)</u>													
Residential	(\$461,472)	(\$547,762)	(\$549,831)	\$1,539,196	\$2,082,409	\$2,683,234	\$2,161,844	(\$2,313,069)	\$1,439,538	(\$6,030,139)	(\$1,829,398)	(\$795,197)	(\$2,620,648)
Commercial Firm	(\$316,663)	(\$361,163)	(\$391,316)	\$850,452	\$937,725	\$1,388,529	\$1,261,842	(\$1,111,629)	\$889,637	(\$3,530,212)	(\$1,033,205)	(\$503,661)	(\$1,919,663)
Demand Billed	(\$107,203)	(\$112,937)	(\$138,355)	\$153,111	\$88,147	\$127,378	\$166,978	(\$103,257)	\$82,812	(\$420,272)	(\$172,541)	(\$111,373)	(\$547,512)
Small Interruptible	(\$44,065)	(\$54,261)	(\$54,908)	\$99,800	\$87,655	\$114,138	\$137,526	(\$90,559)	\$78,569	(\$368,212)	(\$131,762)	(\$57,942)	(\$284,020)
Medium & Large Interruptible	(\$311,786)	(\$376,349)	(\$521,861)	\$398,538	\$195,560	\$268,699	\$490,530	(\$283,865)	\$200,865	(\$1,234,734)	(\$526,769)	(\$314,794)	(\$2,015,965)
Total Comm & Pksh Over/(Under)	(\$1,241,189)	(\$1,452,473)	(\$1,656,272)	\$3,041,098	\$3,391,497	\$4,581,977	\$4,218,721	(\$3,902,380)	\$2,691,422	(\$11,583,568)	(\$3,693,674)	(\$1,782,966)	(\$7,387,808)

	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
<u>Tax Expense</u>													
MN 2009-2014 Kansas Tax	\$29,487	\$24,212	\$25,864	\$29,753	\$56,541	\$106,451	\$159,864	\$179,266	\$153,546	\$125,830	\$69,633	\$40,018	\$1,000,465
<u>Sales Allocator</u>													
Residential	37.72%	37.43%	33.71%	50.20%	52.30%	52.86%	55.84%	55.43%	53.86%	50.93%	48.18%	43.86%	
Commercial Firm	25.28%	24.75%	24.08%	27.48%	28.57%	30.75%	30.73%	30.82%	31.58%	31.22%	29.57%	28.37%	
Demand Billed	8.58%	7.83%	8.47%	5.19%	4.12%	3.63%	3.01%	2.97%	3.02%	3.65%	4.91%	6.38%	
Small Interruptible	3.53%	3.73%	3.25%	3.40%	3.19%	3.09%	2.75%	2.53%	2.89%	3.13%	3.42%	3.34%	
Medium & Large Interruptible	24.89%	26.26%	30.49%	13.74%	11.83%	9.67%	7.67%	8.24%	8.65%	11.07%	13.92%	18.05%	
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%	
<u>Kansas Tax Expense</u>													
Residential	\$11,122	\$9,062	\$8,720	\$14,935	\$29,569	\$56,272	\$89,267	\$99,374	\$82,696	\$64,084	\$33,551	\$17,552	\$516,203
Commercial Firm	\$7,454	\$5,992	\$6,227	\$8,175	\$16,152	\$32,730	\$49,123	\$55,254	\$48,488	\$39,285	\$20,589	\$11,355	\$300,823
Demand Billed	\$2,531	\$1,896	\$2,190	\$1,545	\$2,332	\$3,863	\$4,816	\$5,333	\$4,632	\$4,587	\$3,422	\$2,554	\$39,701
Small Interruptible	\$1,042	\$903	\$840	\$1,010	\$1,803	\$3,292	\$4,393	\$4,538	\$4,443	\$3,944	\$2,382	\$1,335	\$29,924
Medium & Large Interruptible	\$7,338	\$6,359	\$7,887	\$4,088	\$6,687	\$10,295	\$12,264	\$14,767	\$13,287	\$13,930	\$9,690	\$7,222	\$113,813
Total	\$29,487	\$24,212	\$25,864	\$29,753	\$56,541	\$106,451	\$159,864	\$179,266	\$153,546	\$125,830	\$69,633	\$40,018	\$1,000,465
<u>Kansas Tax Revenue</u>													
Residential	\$9,738	\$9,870	\$8,846	\$25,184	\$47,831	\$73,684	\$95,759	\$98,653	\$97,420	\$55,500	\$32,529	\$15,878	\$570,892
Commercial Firm	\$6,526	\$6,526	\$6,317	\$13,785	\$26,127	\$42,857	\$52,695	\$54,854	\$57,121	\$34,023	\$19,962	\$10,272	\$331,065
Demand Billed	\$2,216	\$2,066	\$2,221	\$2,606	\$3,772	\$5,059	\$5,166	\$5,295	\$5,457	\$3,973	\$3,317	\$2,311	\$43,459
Small Interruptible	\$913	\$983	\$852	\$1,704	\$2,916	\$4,310	\$4,713	\$4,505	\$5,234	\$3,415	\$2,309	\$1,208	\$33,062
Medium & Large Interruptible	\$6,425	\$6,926	\$7,994	\$6,893	\$10,817	\$13,480	\$13,156	\$14,661	\$15,654	\$12,065	\$9,396	\$6,533	\$124,000
Total	\$25,818	\$26,371	\$26,230	\$50,172	\$91,463	\$139,390	\$171,489	\$177,968	\$180,886	\$108,976	\$67,513	\$36,202	\$1,102,478
<u>Kansas Tax Over/(Under)</u>													
Residential	(\$1,384)	\$808	\$126	\$10,249	\$18,262	\$17,412	\$6,492	(\$721)	\$14,724	(\$8,584)	(\$1,022)	(\$1,674)	\$54,689
Commercial Firm	(\$928)	\$534	\$90	\$5,610	\$9,975	\$10,127	\$3,572	(\$400)	\$8,633	(\$5,262)	(\$627)	(\$1,083)	\$30,242
Demand Billed	(\$315)	\$170	\$31	\$1,061	\$1,440	\$1,196	\$350	(\$38)	\$825	(\$614)	(\$105)	(\$243)	\$3,758
Small Interruptible	(\$129)	\$80	\$12	\$694	\$1,113	\$1,018	\$320	(\$33)	\$791	(\$529)	(\$73)	(\$127)	\$3,138
Medium & Large Interruptible	(\$913)	\$567	\$107	\$2,805	\$4,130	\$3,185	\$892	(\$106)	\$2,367	(\$1,865)	(\$294)	(\$689)	\$10,187
Total Kansas Tax Over/(Under)	(\$3,669)	\$2,159	\$366	\$20,419	\$34,922	\$32,939	\$11,625	(\$1,298)	\$27,340	(\$16,854)	(\$2,120)	(\$3,816)	\$102,013

	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Total
<u>Tax Expense</u>													
MN Current Year Kansas Tax *	\$20,615	\$16,927	\$18,083	\$20,821	\$39,567	\$74,493	\$1,035	\$106,426	\$91,157	\$74,702	\$41,340	\$23,758	\$528,922
<u>Sales Allocator</u>													
Residential	37.72%	37.43%	33.71%	50.20%	52.30%	52.86%	55.84%	55.43%	53.86%	50.93%	48.18%	43.86%	
Commercial Firm	25.28%	24.75%	24.08%	27.48%	28.57%	30.75%	30.73%	30.82%	31.58%	31.22%	29.57%	28.37%	
Demand Billed	8.58%	7.83%	8.47%	5.19%	4.12%	3.63%	3.01%	2.97%	3.02%	3.65%	4.91%	6.38%	
Small Interruptible	3.53%	3.73%	3.25%	3.40%	3.19%	3.09%	2.75%	2.53%	2.89%	3.13%	3.42%	3.34%	
Medium & Large Interruptible	24.89%	26.26%	30.49%	13.74%	11.83%	9.67%	7.67%	8.24%	8.65%	11.07%	13.92%	18.05%	
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%	
<u>Kansas Tax Expense</u>													
Residential	\$7,776	\$6,336	\$6,096	\$10,451	\$20,692	\$39,378	\$578	\$58,996	\$49,095	\$38,045	\$19,918	\$10,420	\$267,781
Commercial Firm	\$5,211	\$4,189	\$4,354	\$5,721	\$11,303	\$22,904	\$318	\$32,803	\$28,786	\$23,323	\$12,223	\$6,741	\$157,875
Demand Billed	\$1,769	\$1,326	\$1,531	\$1,081	\$1,632	\$2,703	\$31	\$3,166	\$2,750	\$2,723	\$2,031	\$1,516	\$22,261
Small Interruptible	\$729	\$631	\$587	\$707	\$1,261	\$2,303	\$28	\$2,694	\$2,638	\$2,341	\$1,414	\$793	\$16,127
Medium & Large Interruptible	\$5,130	\$4,446	\$5,514	\$2,861	\$4,679	\$7,204	\$79	\$8,767	\$7,888	\$8,270	\$5,753	\$4,287	\$64,878
Total	\$20,615	\$16,927	\$18,083	\$20,821	\$39,567	\$74,493	\$1,035	\$106,426	\$91,157	\$74,702	\$41,340	\$23,758	\$528,922
<u>Kansas Tax Revenue</u>													
Residential	\$6,823	\$6,916	\$6,186	\$17,574	\$33,620	\$51,792	\$62,451	\$58,620	\$57,887	\$32,978	\$19,329	\$9,435	\$363,611
Commercial Firm	\$4,573	\$4,573	\$4,418	\$9,620	\$18,365	\$30,124	\$34,367	\$32,594	\$33,941	\$20,217	\$11,861	\$6,104	\$210,757
Demand Billed	\$1,552	\$1,447	\$1,553	\$1,819	\$2,651	\$3,556	\$3,368	\$3,146	\$3,243	\$2,360	\$1,971	\$1,372	\$28,038
Small Interruptible	\$639	\$689	\$596	\$1,189	\$2,050	\$3,030	\$3,074	\$2,677	\$3,110	\$2,029	\$1,372	\$718	\$21,173
Medium & Large Interruptible	\$4,502	\$4,853	\$5,591	\$4,811	\$7,603	\$9,475	\$8,575	\$8,712	\$9,302	\$7,169	\$5,583	\$3,882	\$80,058
Total	\$18,089	\$18,478	\$18,344	\$35,013	\$64,289	\$97,977	\$111,835	\$105,749	\$107,483	\$64,753	\$40,116	\$21,511	\$703,637
<u>Kansas Tax Over/(Under)</u>													
Residential	(\$953)	\$580	\$90	\$7,123	\$12,928	\$12,414	\$61,873	(\$376)	\$8,792	(\$5,067)	(\$589)	(\$985)	\$95,830
Commercial Firm	(\$638)	\$384	\$64	\$3,899	\$7,062	\$7,220	\$34,049	(\$209)	\$5,155	(\$3,106)	(\$362)	(\$637)	\$52,882
Demand Billed	(\$217)	\$121	\$22	\$738	\$1,019	\$853	\$3,337	(\$20)	\$493	(\$363)	(\$60)	(\$144)	\$5,777
Small Interruptible	(\$90)	\$58	\$9	\$482	\$789	\$727	\$3,046	(\$17)	\$472	(\$312)	(\$42)	(\$75)	\$5,046
Medium & Large Interruptible	(\$628)	\$407	\$77	\$1,950	\$2,924	\$2,271	\$8,496	(\$55)	\$1,414	(\$1,101)	(\$170)	(\$405)	\$15,180
Total Comm & Pksh Over/(Under)	(\$2,526)	\$1,551	\$261	\$14,192	\$24,722	\$23,484	\$110,800	(\$677)	\$16,326	(\$9,949)	(\$1,224)	(\$2,247)	\$174,715

Note: The December 2018 Current year Kansas Tax number \$1,035 was a combination of Dec'18 tax \$111,871 and the difference -\$110,836 between 2018 estimated amount and the actual bill.

	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	\$2,138,840	\$2,173,446	\$1,999,217	\$5,967,277	\$13,882,753	\$25,740,036	\$34,191,102	\$31,429,336	\$28,777,635	\$14,227,641	\$6,458,796	\$3,009,010	\$169,995,090
Small Commercial	\$301,014	\$265,269	\$245,119	\$760,316	\$1,778,945	\$3,820,988	\$5,105,603	\$4,865,127	\$4,519,665	\$2,459,302	\$983,364	\$437,643	\$25,542,356
Large Commercial	\$1,124,946	\$1,172,829	\$1,183,916	\$2,556,051	\$5,671,531	\$10,879,669	\$13,688,223	\$12,567,489	\$12,152,505	\$6,549,730	\$3,143,858	\$1,519,736	\$72,210,484
Total Commercial	\$1,425,961	\$1,438,098	\$1,429,035	\$3,316,367	\$7,450,477	\$14,700,657	\$18,793,826	\$17,432,616	\$16,672,170	\$9,009,032	\$4,127,222	\$1,957,379	\$97,752,840
Small Demand Billed	\$19,619	\$23,572	\$14,779	\$26,415	\$23,873	\$47,460	\$50,025	\$47,127	\$48,710	\$33,796	\$22,616	\$17,799	\$375,792
Large Demand Billed	\$540,054	\$522,480	\$545,215	\$652,135	\$953,069	\$1,469,348	\$1,721,129	\$1,407,709	\$1,358,787	\$976,157	\$718,791	\$501,594	\$11,366,469
Large Dmd - Generation	\$4,159	\$3,837	\$3,975	\$5,212	\$5,102	\$8,531	\$5,612	\$4,178	\$5,348	\$4,521	\$4,154	\$3,351	\$57,980
Total Demand Billed	\$563,832	\$549,890	\$563,969	\$683,763	\$982,045	\$1,525,339	\$1,776,767	\$1,459,014	\$1,412,844	\$1,014,474	\$745,561	\$522,744	\$11,800,241
Small Interruptible	\$168,331	\$183,086	\$161,362	\$342,616	\$663,808	\$1,178,058	\$1,415,505	\$1,168,955	\$1,210,803	\$727,485	\$403,551	\$194,329	\$7,817,889
Medium Interruptible	\$706,430	\$809,202	\$899,690	\$986,516	\$1,728,485	\$2,540,615	\$2,895,385	\$2,605,016	\$2,407,979	\$1,795,769	\$1,094,952	\$768,384	\$19,238,424
Medium Int - Generation	\$31,831	\$15,517	\$41,904	\$23,568	\$32,182	\$22,470	\$22,467	\$53,803	\$91,766	\$34,654	\$35,404	\$20,710	\$426,276
Large Interruptible	\$445,256	\$471,046	\$567,529	\$370,987	\$572,083	\$1,032,956	\$1,140,191	\$1,156,174	\$1,086,957	\$805,257	\$520,727	\$260,416	\$8,429,580
Large Int - Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Interruptible	\$1,351,848	\$1,478,852	\$1,670,486	\$1,723,687	\$2,996,558	\$4,774,098	\$5,473,548	\$4,983,948	\$4,797,505	\$3,363,165	\$2,054,635	\$1,243,839	\$35,912,169
Total Gas Cost Revenue	\$5,480,480	\$5,640,286	\$5,662,707	\$11,691,093	\$25,311,834	\$46,740,130	\$60,235,244	\$55,304,915	\$51,660,154	\$27,614,312	\$13,386,214	\$6,732,971	\$315,460,340

Class	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential	6,624,344	6,714,443	6,186,105	18,117,998	34,660,032	53,393,993	69,390,323	71,487,985	70,594,177	40,217,341	23,571,499	11,505,958	412,464,198
	\$0.05040	\$0.05040	\$0.04907	\$0.04628	\$0.06809	\$0.09170	\$0.08743	\$0.09042	\$0.09090	\$0.06196	\$0.03659	\$0.04251	
	\$333,867	\$338,408	\$303,573	\$838,432	\$2,360,086	\$4,896,436	\$6,066,466	\$6,463,752	\$6,416,878	\$2,491,852	\$862,500	\$489,127	\$31,861,377
Commercial Firm	4,439,369	4,439,585	4,417,682	9,917,192	18,932,489	31,055,742	38,185,000	39,748,989	41,391,992	24,654,338	14,465,013	7,443,500	239,090,891
	\$0.05040	\$0.05040	\$0.04907	\$0.05052	\$0.07163	\$0.08853	\$0.08498	\$0.08495	\$0.08494	\$0.06685	\$0.04172	\$0.04251	
	\$223,744	\$223,755	\$216,790	\$501,060	\$1,356,161	\$2,749,449	\$3,244,844	\$3,376,677	\$3,515,644	\$1,648,241	\$603,535	\$316,429	\$17,976,329
Demand Billed	270,304	285,849	240,677	277,058	261,580	264,482	363,521	170,362	274,536	283,644	279,614	263,293	3,234,921
	\$0.57235	\$0.57245	\$0.57255	\$0.57255	\$0.56940	\$0.56950	\$0.57384	\$0.57387	\$0.57379	\$0.57285	\$0.57311	\$0.57430	
	\$154,709	\$163,635	\$137,799	\$158,629	\$148,944	\$150,623	\$208,602	\$97,766	\$157,525	\$162,486	\$160,250	\$151,209	\$1,852,177
Demand Billed Generation	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
	\$0.57235	\$0.57255	\$0.57255	\$0.57255	\$0.56597	\$0.57387	\$0.57387	\$0.57387	\$0.57370	\$0.57191	\$0.57430	\$0.57430	
	\$572	\$573	\$573	\$573	\$566	\$574	\$574	\$574	\$574	\$572	\$574	\$574	\$6,872
Demand Revenue	\$712,892	\$726,371	\$658,735	\$1,498,694	\$3,865,757	\$7,797,082	\$9,520,486	\$9,938,769	\$10,090,621	\$4,303,151	\$1,626,859	\$957,339	\$51,696,755
Total Demand Revenue	\$712,892	\$726,371	\$658,735	\$1,498,694	\$3,865,757	\$7,797,082	\$9,520,486	\$9,938,769	\$10,090,621	\$4,303,151	\$1,626,859	\$957,339	\$51,696,755

Class	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Total
Residential													
Total Revenue	\$2,138,840	\$2,173,446	\$1,999,217	\$5,967,277	\$13,882,753	\$25,740,036	\$34,191,102	\$31,429,336	\$28,777,635	\$14,227,641	\$6,458,796	\$3,009,010	\$169,995,090
less Demand Revenue	\$333,867	\$338,408	\$303,573	\$838,432	\$2,360,086	\$4,896,436	\$6,066,466	\$6,463,752	\$6,416,878	\$2,491,852	\$862,500	\$489,127	\$31,861,377
Commodity & Peakshaving Revenue	\$1,804,973	\$1,835,038	\$1,695,644	\$5,128,845	\$11,522,667	\$20,843,600	\$28,124,636	\$24,965,584	\$22,360,757	\$11,735,789	\$5,596,296	\$2,519,883	\$138,133,713
Commercial Firm													
Total Revenue	\$1,425,961	\$1,438,098	\$1,429,035	\$3,316,367	\$7,450,477	\$14,700,657	\$18,793,826	\$17,432,616	\$16,672,170	\$9,009,032	\$4,127,222	\$1,957,379	\$97,752,840
less Demand Revenue	\$223,744	\$223,755	\$216,790	\$501,060	\$1,356,161	\$2,749,449	\$3,244,844	\$3,376,677	\$3,515,644	\$1,648,241	\$603,535	\$316,429	\$17,976,329
Commodity & Peakshaving Revenue	\$1,202,217	\$1,214,343	\$1,212,245	\$2,815,307	\$6,094,316	\$11,951,208	\$15,548,982	\$14,055,939	\$13,156,526	\$7,360,791	\$3,523,687	\$1,640,950	\$79,776,511
Demand Billed													
Total Revenue	\$563,832	\$549,890	\$563,969	\$683,763	\$982,045	\$1,525,339	\$1,776,767	\$1,459,014	\$1,412,844	\$1,014,474	\$745,561	\$522,744	\$11,800,241
less Demand Revenue	\$155,281	\$164,208	\$138,372	\$159,202	\$149,510	\$151,197	\$209,176	\$98,340	\$158,099	\$163,058	\$160,824	\$151,783	\$1,859,049
Commodity & Peakshaving Revenue	\$408,550	\$385,682	\$425,598	\$524,561	\$832,535	\$1,374,142	\$1,567,592	\$1,360,674	\$1,254,746	\$851,416	\$584,736	\$370,960	\$9,941,192
Small Interruptible													
Commodity & Peakshaving Revenue	\$168,331	\$183,086	\$161,362	\$342,616	\$663,808	\$1,178,058	\$1,415,505	\$1,168,955	\$1,210,803	\$727,485	\$403,551	\$194,329	\$7,817,889
Medium & Large Interruptible													
Commodity & Peakshaving Revenue	\$1,183,517	\$1,295,765	\$1,509,124	\$1,381,071	\$2,332,751	\$3,596,040	\$4,058,044	\$3,814,993	\$3,586,702	\$2,635,680	\$1,651,083	\$1,049,509	\$28,094,280
Total Demand Revenue	\$712,892	\$726,371	\$658,735	\$1,498,694	\$3,865,757	\$7,797,082	\$9,520,486	\$9,938,769	\$10,090,621	\$4,303,151	\$1,626,859	\$957,339	\$51,696,755
Total Commodity & Peakshaving Revenue	\$4,767,588	\$4,913,915	\$5,003,972	\$10,192,400	\$21,446,077	\$38,943,049	\$50,714,758	\$45,366,146	\$41,569,533	\$23,311,161	\$11,759,355	\$5,775,631	\$263,763,585
Total Revenue	\$5,480,480	\$5,640,286	\$5,662,707	\$11,691,093	\$25,311,834	\$46,740,130	\$60,235,244	\$55,304,915	\$51,660,154	\$27,614,312	\$13,386,214	\$6,732,971	\$315,460,340

JUL					AUG				SEP			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1	2-Jul	1	31		1-Aug	0	30					
2	3-Jul	2	29		2-Aug	1	30					
3	5-Jul	4	30		3-Aug	2	29		4-Sep	3	32	
4	6-Jul	5	30		6-Aug	5	31		5-Sep	4	30	
5	9-Jul	8	32		7-Aug	6	29		6-Sep	5	30	
6	10-Jul	9	32		8-Aug	7	29		7-Sep	6	30	
7	11-Jul	10	30		9-Aug	8	29		10-Sep	9	32	
8	12-Jul	11	30		10-Aug	9	29		11-Sep	10	32	
9	13-Jul	12	30		13-Aug	12	31		12-Sep	11	30	
10	16-Jul	15	32		14-Aug	13	29		13-Sep	12	30	
11	17-Jul	16	32		15-Aug	14	29		14-Sep	13	30	
12	18-Jul	17	30		16-Aug	15	29		17-Sep	16	32	
13	19-Jul	18	30		17-Aug	16	29		18-Sep	17	32	
14	20-Jul	19	30		20-Aug	19	31		19-Sep	18	30	
15	23-Jul	22	32		21-Aug	20	29		20-Sep	19	30	
16	24-Jul	23	32		22-Aug	21	29		21-Sep	20	30	
17	25-Jul	24	30		23-Aug	22	29		24-Sep	23	32	
18	26-Jul	25	30		24-Aug	23	29		25-Sep	24	32	
19	27-Jul	26	30		27-Aug	26	31		26-Sep	25	30	
20	30-Jul	29	32		28-Aug	27	29		27-Sep	26	30	
21	31-Jul	30	32		29-Aug	28	29		28-Sep	27	30	
1					30-Aug	29	29					
2					31-Aug	29	29					
Total		326	646	0.5046		352	677	0.5199		288	584	0.4932

OCT					NOV				DEC			
Cycle	Date	On	Days	Factor	Date	On	Days	Factor	Date	On	Days	Factor
1	1-Oct	0	32									
2	2-Oct	1	32						3-Dec	2	33	
3	3-Oct	2	29		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		5-Nov	4	31		6-Dec	5	31	
6	8-Oct	7	31		6-Nov	5	29		7-Dec	6	31	
7	9-Oct	8	29		7-Nov	6	29		10-Dec	9	33	
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		12-Nov	11	31		13-Dec	12	31	
11	15-Oct	14	31		13-Nov	12	29		14-Dec	13	31	
12	16-Oct	15	29		14-Nov	13	29		17-Dec	16	33	
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		19-Nov	18	31		20-Dec	19	31	
16	22-Oct	21	31		20-Nov	19	29		21-Dec	20	31	
17	23-Oct	22	29		21-Nov	20	29		26-Dec	25	35	
18	24-Oct	23	29		26-Nov	25	33		27-Dec	26	31	
19	25-Oct	24	29		27-Nov	26	33		28-Dec	27	31	
20	26-Oct	25	29		28-Nov	27	33		31-Dec	30	33	
21	29-Oct	28	31		29-Nov	28	31					
1	30-Oct	29	29		30-Nov	29	31					
2	31-Oct	29	29									
Total		336	681	0.4934		288	602	0.4784		273	613	0.4454

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>
20									1-Mar	0	30	
21	2-Jan	1	34						4-Mar	3	32	
1	3-Jan	2	34		1-Feb	0	29		5-Mar	4	32	
2	4-Jan	3	32		4-Feb	3	31		6-Mar	5	30	
3	7-Jan	6	34		5-Feb	4	29		7-Mar	6	30	
4	8-Jan	7	34		6-Feb	5	29		8-Mar	7	30	
5	9-Jan	8	34		7-Feb	6	29		11-Mar	10	32	
6	10-Jan	9	34		8-Feb	7	29		12-Mar	11	32	
7	11-Jan	10	32		11-Feb	10	31		13-Mar	12	30	
8	14-Jan	13	34		12-Feb	11	29		14-Mar	13	30	
9	15-Jan	14	34		13-Feb	12	29		15-Mar	14	30	
10	16-Jan	15	34		14-Feb	13	29		18-Mar	17	32	
11	17-Jan	16	34		15-Feb	14	29		19-Mar	18	32	
12	18-Jan	17	32		19-Feb	18	32		20-Mar	19	29	
13	21-Jan	20	34		20-Feb	19	30		21-Mar	20	29	
14	22-Jan	21	34		21-Feb	20	30		22-Mar	21	29	
15	23-Jan	22	34		22-Feb	21	30		25-Mar	24	31	
16	24-Jan	23	34		25-Feb	24	32		26-Mar	25	29	
17	25-Jan	24	30		26-Feb	25	32		27-Mar	26	29	
18	28-Jan	27	32		27-Feb	26	30		28-Mar	27	29	
19	29-Jan	28	32		28-Feb	27	30		29-Mar	28	29	
20	30-Jan	29	30									
21	31-Jan	29	29									
Total		344	725	0.4745		265	569	0.4657		310	636	0.4874

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>
20	1-Apr	0	31									
21	2-Apr	1	29		1-May	0	29					
1	3-Apr	2	29		2-May	1	29		3-Jun	2	32	
2	4-Apr	3	29		3-May	2	29		4-Jun	3	32	
3	5-Apr	4	29		6-May	5	31		5-Jun	4	30	
4	8-Apr	7	31		7-May	6	29		6-Jun	5	30	
5	9-Apr	8	29		8-May	7	29		7-Jun	6	30	
6	10-Apr	9	29		9-May	8	29		10-Jun	9	32	
7	11-Apr	10	29		10-May	9	29		11-Jun	10	32	
8	12-Apr	11	29		13-May	12	31		12-Jun	11	30	
9	15-Apr	14	31		14-May	13	29		13-Jun	12	30	
10	16-Apr	15	29		15-May	14	29		14-Jun	13	30	
11	17-Apr	16	29		16-May	15	29		17-Jun	16	32	
12	18-Apr	17	29		17-May	16	29		18-Jun	17	32	
13	19-Apr	18	29		20-May	19	31		19-Jun	18	30	
14	22-Apr	21	31		21-May	20	29		20-Jun	19	30	
15	23-Apr	22	29		22-May	21	29		21-Jun	20	30	
16	24-Apr	23	29		23-May	22	29		24-Jun	23	32	
17	25-Apr	24	29		24-May	23	29		25-Jun	24	32	
18	26-Apr	25	29		28-May	27	32		26-Jun	25	29	
19	29-Apr	28	31		29-May	28	30		27-Jun	26	29	
20	30-Apr	29	29		30-May	29	30		28-Jun	27	29	
21					31-May	30	30					
1												
Total		307	648	0.4738		327	650	0.5031		290	613	0.4731

Month	Description	Multiplier	Residential	Commercial	Demand Billed Demand
JUL	Previous	0.0000	\$0.03780	\$0.03780	\$0.57235
	Old	0.4954	\$0.05040	\$0.05040	\$0.57235
	New	0.5046	\$0.05040	\$0.05040	\$0.57235
	Weighted	1.0000	\$0.05040	\$0.05040	\$0.57235
AUG	Previous	0.0000	\$0.05040	\$0.05040	\$0.57235
	Old	0.4801	\$0.05040	\$0.05040	\$0.57235
	New	0.5199	\$0.05040	\$0.05040	\$0.57255
	Weighted	1.0000	\$0.05040	\$0.05040	\$0.57245
SEP	Previous	0.0000	\$0.05040	\$0.05040	\$0.57235
	Old	0.5068	\$0.05040	\$0.05040	\$0.57255
	New	0.4932	\$0.04771	\$0.04771	\$0.57255
	Weighted	1.0000	\$0.04907	\$0.04907	\$0.57255
OCT	Previous	0.0044	\$0.05040	\$0.05040	\$0.57245
	Old	0.5022	\$0.04771	\$0.04771	\$0.57255
	New	0.4934	\$0.04478	\$0.05339	\$0.57255
	Weighted	1.0000	\$0.04628	\$0.05052	\$0.57255
NOV	Previous	0.0000	\$0.04771	\$0.04771	\$0.57255
	Old	0.5216	\$0.04478	\$0.05339	\$0.57255
	New	0.4784	\$0.09351	\$0.09152	\$0.56597
	Weighted	1.0000	\$0.06809	\$0.07163	\$0.56940
DEC	Previous	0.0016	\$0.04478	\$0.05339	\$0.57255
	Old	0.5530	\$0.09351	\$0.09152	\$0.56597
	New	0.4454	\$0.08963	\$0.08495	\$0.57387
	Weighted	1.0000	\$0.09170	\$0.08853	\$0.56950
JAN	Previous	0.0041	\$0.09351	\$0.09152	\$0.56597
	Old	0.5214	\$0.08963	\$0.08495	\$0.57387
	New	0.4745	\$0.08495	\$0.08495	\$0.57387
	Weighted	1.0000	\$0.08743	\$0.08498	\$0.57384
FEB	Previous	0.0000	\$0.08963	\$0.08495	\$0.57387
	Old	0.5343	\$0.08495	\$0.08495	\$0.57387
	New	0.4657	\$0.09669	\$0.08495	\$0.57387
	Weighted	1.0000	\$0.09042	\$0.08495	\$0.57387
MAR	Previous	0.0047	\$0.08495	\$0.08495	\$0.57387
	Old	0.5079	\$0.09669	\$0.08495	\$0.57387
	New	0.4874	\$0.08492	\$0.08492	\$0.57370
	Weighted	1.0000	\$0.09090	\$0.08494	\$0.57379
APR	Previous	0.0000	\$0.09669	\$0.08495	\$0.57387
	Old	0.5262	\$0.08492	\$0.08492	\$0.57370
	New	0.4738	\$0.03646	\$0.04679	\$0.57191
	Weighted	1.0000	\$0.06196	\$0.06685	\$0.57285
MAY	Previous	0.0000	\$0.08492	\$0.08492	\$0.57370
	Old	0.4969	\$0.03646	\$0.04679	\$0.57191
	New	0.5031	\$0.03672	\$0.03672	\$0.57430
	Weighted	1.0000	\$0.03659	\$0.04172	\$0.57311
JUN	Previous	0.0000	\$0.03646	\$0.04679	\$0.57191
	Old	0.5269	\$0.03672	\$0.03672	\$0.57430
	New	0.4731	\$0.04896	\$0.04896	\$0.57430
	Weighted	1.0000	\$0.04251	\$0.04251	\$0.57430

Northern States Power Company
Gas Operations - States of MN and ND

Schedule F
Page 1 of 1

Filed August 30, 2019

Schedule F intentionally left blank

Northern States Power Company
Gas Operations - State of MN

Filed August 30, 2019

Schedule G
Page 1 of 1

Schedule G intentionally left blank

Production Month	<u>Jun '18</u>	<u>Jul '18</u>	<u>Aug '18</u>	<u>Sep '18</u>	<u>Oct '18</u>	<u>Nov '18</u>	<u>Dec '18</u>	<u>Jan '19</u>	<u>Feb '19</u>	<u>Mar '19</u>	<u>Apr '19</u>	<u>May '19</u>	TOTAL
Billing Month	<u>Jul '18</u>	<u>Aug '18</u>	<u>Sep '18</u>	<u>Oct '18</u>	<u>Nov '18</u>	<u>Dec '18</u>	<u>Jan '19</u>	<u>Feb '19</u>	<u>Mar '19</u>	<u>Apr '19</u>	<u>May '19</u>	<u>Jun '19</u>	
<u>Demand Expenses</u>	[PROTECTED DATA BEGINS]												
Gas Supply Demand													
Storage Demand													
Pipeline Demand													
Shared Transport costs													
Demand Exp													
Supply Sales\Credits													
Adjustments													
Cap Rel - Shared Transport savings													
Capacity Release - General System													
Total Demand Adjustments													
Total Demand Expense	\$2,979,448	\$3,045,045	\$3,043,791	\$3,175,732	\$3,151,293	\$6,979,424	\$6,988,271	\$6,971,714	\$6,860,238	\$6,898,632	\$3,210,792	\$3,240,611	\$56,544,989
<u>Commodity Expenses</u>	[PROTECTED DATA BEGINS]												
System Gas Purchases													
Less Opportunity Sales													
Less Liquefaction													
Less Supply Sales to Others													
Commodity Gas Exp													
COGS - Opportunity Sales													
Distribution Fuel Loss													
Storage													
Storage Capacity Demand													
Kansas Tax (2009-2014)													
Kansas Tax Current Year													
Hedging													
Gas Lost Due to Contractor Main Strike													
Total Commodity Adjustments													
Total Commodity Expenses	\$6,820,135	\$7,485,832	\$8,103,676	\$8,561,863	\$20,843,542	\$39,793,967	\$54,182,561	\$57,409,165	\$44,677,890	\$40,104,369	\$17,713,496	\$8,908,031	\$314,604,527
<u>Peakshaving Expenses</u>	[PROTECTED DATA BEGINS]												
LNG													
LNG Credits													
LPG-System													
LPG Credits													
LNG Boiloff													
LFSS Propane Cost													
sub-total Peakshaving													
Less Limited Firm Service													
Less 'Higher of WACOG or Average													
Propane Inventory LFSS Expense Allocation													
Total Peakshaving Expense	\$208,435	\$70,442	(\$222,226)	\$1,477	\$163,381	\$42,460	\$75,900	\$89,694	\$472,158	\$226,886	\$73,216	\$74,777	\$1,276,599
Total Gas Expense	\$10,008,018	\$10,601,320	\$10,925,240	\$11,739,071	\$24,158,216	\$46,815,851	\$61,246,733	\$64,470,572	\$52,010,285	\$47,229,888	\$20,997,503	\$12,223,420	\$372,426,116

NOTES:

Agency Gas: Not included as a reconciling item for retail gas costs.

Gas Injections into Storage: Not included as a gas cost at time of injections.

(1) Liquefaction: "Injections to LNG plant" - Have been deducted from commodity Gas Exp (above).

(2) The net hedging amount includes option fees of [PROTECTED DATA BEGINS PROTECTED DATA ENDS], gains from calls of [PROTECTED DATA BEGINS

PROTECTED DATA ENDS] for a net total system hedging costs of \$1,669,620.

Of this total amount, \$1,439,114 is allocated to Minnesota customers.

Residential Demand	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h^)	(i)	(j)	(k)
	Calculated* PGA Sales	Calendar Month Actual Sales	Sales* Difference	Calendar Demand Rate	Demand Cost* Over/(Under)	Capacity Release Over/(Under)	Lagged* Over/(Under)	Calculated Demand Rate Adder**	Actual* Demand Rate Adder	Actual* Demand Rate Recovery	Rate Adder* Over/(Under)	Net* Over/(Under)
2018 - 2019	Page 2, col. (d)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h^)	(g + i)	(e + f + i)
Jul	5,897,142	6,308,004	410,862	\$0.05040	\$20,707	\$0						\$20,708
Aug	6,095,783	6,733,188	637,405	\$0.05040	\$32,125	\$0						\$32,125
Sep	8,095,561	8,200,332	104,771	\$0.04771	\$4,999	\$0						\$4,999
Oct	18,014,949	25,087,990	7,073,041	\$0.04771	\$337,455	\$0	\$52,833		(\$0.00293)	(\$73,508)	(\$20,675)	\$263,947
Nov	38,870,789	52,006,960	13,136,171	\$0.09364	\$1,230,071	\$0	\$4,999		(\$0.00013)	(\$6,761)	(\$1,762)	\$1,223,310
Dec	60,132,341	58,987,217	(1,145,124)	\$0.09490	(\$108,672)	\$0	\$316,780		(\$0.00527)	(\$310,863)	\$5,917	(\$419,535)
Jan	68,605,146	79,273,121	10,667,975	\$0.09490	\$1,012,391	\$0	\$1,228,309		(\$0.00995)	(\$788,768)	\$439,541	\$223,623
Feb	57,450,991	67,341,900	9,890,909	\$0.09490	\$938,647	\$0	(\$102,755)		\$0.00179	\$120,542	\$17,787	\$1,059,189
Mar	45,743,583	54,845,094	9,101,511	\$0.09487	\$863,460	\$0	\$1,451,932		(\$0.00995)	(\$545,709)	\$906,223	\$317,752
Apr	24,315,222	28,196,666	3,881,444	\$0.04861	\$188,677	\$4	\$956,434		(\$0.01215)	(\$342,589)	\$613,845	(\$153,909)
May	11,497,996	17,191,600	5,693,604	\$0.04896	\$278,759	\$4	\$1,769,684		(\$0.01224)	(\$210,425)	\$1,559,259	\$68,337
Jun	<u>7,392,084</u>	<u>8,570,314</u>	<u>1,178,230</u>	\$0.04896	<u>\$57,686</u>	\$4	\$802,525					<u>\$57,690</u>
Tot	352,111,587	412,742,386	60,630,799		\$4,856,305					(\$2,158,080)		\$2,698,237

Commercial Non-Demand	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h^)	(i)	(j)	(k)
	Calculated* PGA Sales	Calendar Month Actual Sales	Sales* Difference	Calendar Demand Rate	Demand Cost* Over/(Under)	Capacity Release Over/(Under)	Lagged* Over/(Under)	Calculated Demand Rate Adder*	Actual* Demand Rate Adder	Demand Rate* Recovery	Demand* Rate Adder Over/(Under)	Net* Over/(Under)
2018 - 2019	Page 2, col. (f)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h^)	(g + i)	(e + f + i)
Jul	4,870,432	4,142,259	(728,173)	\$0.05040	(\$36,700)	\$0						(\$36,700)
Aug	4,584,202	4,619,227	35,025	\$0.05040	\$1,765	\$0						\$1,765
Sep	4,844,213	5,404,414	560,201	\$0.04771	\$26,727	\$0						\$26,727
Oct	6,165,378	14,537,094	8,371,716	\$0.04771	\$399,415	\$0	(\$34,935)		\$0.00568	\$82,571	\$47,636	\$481,985
Nov	12,590,506	29,677,720	17,087,214	\$0.09364	\$1,600,047	\$0	\$26,727		(\$0.00212)	(\$62,917)	(\$36,190)	\$1,537,130
Dec	24,787,847	35,139,065	10,351,218	\$0.09490	\$982,331	\$0	\$447,051		(\$0.00995)	(\$349,634)	\$97,417	\$632,697
Jan	38,831,173	43,206,606	4,375,423	\$0.09490	\$415,228	\$0	\$1,563,857		(\$0.00995)	(\$429,906)	\$1,133,951	(\$14,678)
Feb	43,503,773	36,538,178	(6,965,595)	\$0.09490	(\$661,035)	\$0	\$1,079,748		(\$0.00995)	(\$363,555)	\$716,193	(\$1,024,590)
Mar	36,519,747	33,592,746	(2,927,001)	\$0.09487	(\$277,685)	\$0	\$1,549,179		(\$0.00995)	(\$334,248)	\$1,214,931	(\$611,932)
Apr	30,240,875	17,551,841	(12,689,034)	\$0.04861	(\$616,814)	\$2	\$55,158		(\$0.00182)	(\$31,944)	\$23,213	(\$648,756)
May	15,380,064	10,229,246	(5,150,818)	\$0.04896	(\$252,184)	\$2	\$937,247		(\$0.01224)	(\$125,206)	\$812,041	(\$377,388)
Jun	<u>9,495,022</u>	<u>4,863,918</u>	<u>(4,631,104)</u>	\$0.04896	<u>(\$226,739)</u>	\$2	(\$593,598)					<u>(\$226,737)</u>
Tot	231,813,242	239,502,315	7,689,073		\$1,354,356					(\$1,614,839)		(\$260,476)

Total Firm Demand Cost Recovery Revenue (Net) **\$6,210,661** **(\$3,772,919)** **\$2,437,761**

*Due to the use of MN Company forecast sales instead of MN only sales to allocate the PGA annual sales to monthly, the demand cost over-recovery credit to customers was \$876,013 more than the \$2,896,906 actual over-recovery for this period.

Note that Col (g) for Oct reflects the total of Jul and Aug, not just Aug.

Note that Col (h) is adjusted to have the opposite sign of Col (g).

** The "cap" is determined by:

Summer -- 0.25 * Dmd Unit Cost/Thm, Annual (from PGA Sch A, p. 3, Line 10)

Winter -- 1.25 * Levelized Demand - Dmd Unit Cost/Thm, Total (from PGA Sch. A, p. 3, Line 10);

Levelized Demand = (Non-Demand Billed Allocation, Annual + Non-Demand Billed Allocation, Winter)/MN Firm Therm Sales, Annual (from PGA Sch. A, p. 3, Lines 7 & 9)

Compliance Reporting Per G002/M-03-843

	Actual Demand	Monthly* Demand	Demand Recovery Absent
Description	Recovery	Recovery	Monthly True-up
Residential	\$31,861,377	(\$2,158,080)	\$34,019,457
Commercial	\$17,976,329	(\$1,614,839)	\$19,591,168
<u>Demand-Billed</u>	<u>\$1,815,300</u>	<u>\$0</u>	<u>\$1,815,300</u>
Total	\$51,653,006	(\$3,772,919)	\$55,425,924

	Actual Demand	Monthly Demand	Demand Recovery Absent
Description	Over/(Under)	Recovery	Monthly True-up
Residential	\$2,245,600	(\$2,158,080)	\$4,403,680
Commercial	\$809,112	(\$1,614,839)	\$2,423,950
<u>Demand-Billed</u>	<u>\$43,749</u>	<u>\$0</u>	<u>\$43,749</u>
Total	\$3,098,460	(\$3,772,919)	\$6,871,379

	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
	NSPM**	NSPM**	NSPM**		MN-state	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State
	Actual	Capacity	Capacity		Capacity	Firm	Firm	Residential	Commercial	Residential	Commercial	Residential	Commercial
	Capacity	Release	Release	MN-State	Release	Demand	Release	Calendar	Calendar	% of Firm	% of Firm	Non-Demand	Non-Demand
	Release***	in PGA	not in PGA	Allocator	Not in PGA	Allocator	Not in PGA	Month	Month	Non-Demand	Non-Demand	Release	Release
2018 - 2019	Release***	in PGA	not in PGA	Allocator	Not in PGA	Allocator	Not in PGA	Actual Sales	Actual Sales	Billed Sales	Billed Sales	Not in PGA	Not in PGA
			j - k		l * m		n * o	Page 1, col. (b)	Page 1, col. (b)	q / (q + r)	r / (q + r)	p * s	p * t
July	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,308,004	4,142,259	60.36%	39.64%	(\$0)	(\$0)
August	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,733,188	4,619,227	59.31%	40.69%	(\$0)	(\$0)
September	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	8,200,332	5,404,414	60.28%	39.72%	(\$0)	(\$0)
October	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	25,087,990	14,537,094	63.31%	36.69%	(\$0)	(\$0)
November	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	52,006,960	29,677,720	63.67%	36.33%	\$0	\$0
December	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	58,987,217	35,139,065	62.67%	37.33%	\$0	\$0
January	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	79,273,121	43,206,606	64.72%	35.28%	\$0	\$0
February	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	67,341,900	36,538,178	64.83%	35.17%	\$0	\$0
March	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	54,845,094	33,592,746	62.02%	37.98%	\$0	\$0
April	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	28,196,666	17,551,841	61.63%	38.37%	(\$4)	(\$2)
May	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	17,191,600	10,229,246	62.70%	37.30%	(\$4)	(\$2)
June	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	8,570,314	4,863,918	63.79%	36.21%	(\$4)	(\$2)
Annual	(\$168,623)	(\$168,601)	(\$22)		(\$19)		(\$18)	412,742,386	239,502,315			(\$12)	(\$7)

*** Actual Capacity Release data is lagged by two months.

Northern States Power Company
Gas Operations - State of MN
MONTHLY DEMAND TRUE-UP MECHANISM
Filed August 30, 2019

Residential Demand	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h [^])	(i)	(j)	(k)
	Calendar Month			Calendar	Demand Cost*	Capacity	Lagged*	Calculated	Actual*	Actual*	Rate Adder*	Net*
2018 - 2019	PGA Sales	Actual Sales	Sales* Difference	Demand Rate	Over/(Under)	Release Over/(Under)	Over/(Under)	Demand Rate Adder**	Demand Rate Adder	Demand Rate Recovery	Over/(Under)	Over/(Under)
	Page 2, col. (d)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h [^])	(g + i)	(e + f + i)
Jul	5,897,142	6,308,004	410,862	\$0.05040	\$20,707	\$0						\$20,708
Aug	6,095,783	6,733,188	637,405	\$0.05040	\$32,125	\$0						\$32,125
Sep	8,095,561	8,200,332	104,771	\$0.04771	\$4,999	\$0						\$4,999
Oct	18,014,949	25,087,990	7,073,041	\$0.04771	\$337,455	\$0	\$52,833		(\$0.00293)	(\$73,508)	(\$20,675)	\$263,947
Nov	38,870,789	52,006,960	13,136,171	\$0.09364	\$1,230,071	\$0	\$4,999		(\$0.00013)	(\$6,761)	(\$1,762)	\$1,223,310
Dec	60,132,341	58,987,217	(1,145,124)	\$0.09490	(\$108,672)	\$0	\$316,780		(\$0.00527)	(\$310,863)	\$5,917	(\$419,535)
Jan	68,605,146	79,273,121	10,667,975	\$0.09490	\$1,012,391	\$0	\$1,228,309		(\$0.00995)	(\$788,768)	\$439,541	\$223,623
Feb	57,450,991	67,341,900	9,890,909	\$0.09490	\$938,647	\$0	(\$102,755)		\$0.00179	\$120,542	\$17,787	\$1,059,189
Mar	45,743,583	54,845,094	9,101,511	\$0.09487	\$863,460	\$0	\$1,451,932		(\$0.00995)	(\$545,709)	\$906,223	\$317,752
Apr	24,315,222	28,196,666	3,881,444	\$0.04861	\$188,677	\$4	\$956,434		(\$0.01215)	(\$342,589)	\$613,845	(\$153,909)
May	11,497,996	17,191,600	5,693,604	\$0.04896	\$278,759	\$4	\$1,769,684		(\$0.01224)	(\$210,425)	\$1,559,259	\$68,337
Jun	<u>7,392,084</u>	<u>8,570,314</u>	<u>1,178,230</u>	\$0.04896	<u>\$57,686</u>	\$4	\$802,525					<u>\$57,690</u>
Tot	352,111,587	412,742,386	60,630,799		\$4,856,305					(\$2,158,080)		\$2,698,237

Commercial Non-Demand	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h [^])	(i)	(j)	(k)
	Calendar Month			Calendar	Demand Cost*	Capacity	Lagged*	Calculated	Actual*	Demand Rate*	Demand*	Net*
2018 - 2019	PGA Sales	Actual Sales	Sales* Difference	Demand Rate	Over/(Under)	Release Over/(Under)	Over/(Under)	Demand Rate Adder*	Demand Rate Adder	Demand Rate Recovery	Rate Adder Over/(Under)	Over/(Under)
	Page 2, col. (f)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h [^])	(g + i)	(e + f + i)
Jul	4,870,432	4,142,259	(728,173)	\$0.05040	(\$36,700)	\$0						(\$36,700)
Aug	4,584,202	4,619,227	35,025	\$0.05040	\$1,765	\$0						\$1,765
Sep	4,844,213	5,404,414	560,201	\$0.04771	\$26,727	\$0						\$26,727
Oct	6,165,378	14,537,094	8,371,716	\$0.04771	\$399,415	\$0	(\$34,935)		\$0.00568	\$82,571	\$47,636	\$481,985
Nov	12,590,506	29,677,720	17,087,214	\$0.09364	\$1,600,047	\$0	\$26,727		(\$0.00212)	(\$62,917)	(\$36,190)	\$1,537,130
Dec	24,787,847	35,139,065	10,351,218	\$0.09490	\$982,331	\$0	\$447,051		(\$0.00995)	(\$349,634)	\$97,417	\$632,697
Jan	38,831,183	43,206,606	4,375,423	\$0.09490	\$415,228	\$0	\$1,563,857		(\$0.00995)	(\$429,906)	\$1,133,951	(\$14,678)
Feb	43,503,773	36,538,178	(6,965,595)	\$0.09490	(\$661,035)	\$0	\$1,079,748		(\$0.00995)	(\$363,555)	\$716,193	(\$1,024,590)
Mar	36,519,747	33,592,746	(2,927,001)	\$0.09487	(\$277,685)	\$0	\$1,549,179		(\$0.00995)	(\$334,248)	\$1,214,931	(\$611,932)
Apr	30,240,875	17,551,841	(12,689,034)	\$0.04861	(\$616,814)	\$2	\$55,158		(\$0.00182)	(\$31,944)	\$23,213	(\$648,756)
May	15,380,064	10,229,246	(5,150,818)	\$0.04896	(\$252,184)	\$2	\$937,247		(\$0.01224)	(\$125,206)	\$812,041	(\$377,388)
Jun	<u>9,495,022</u>	<u>4,863,918</u>	<u>(4,631,104)</u>	\$0.04896	<u>(\$226,739)</u>	\$2	<u>(\$593,598)</u>					<u>(\$226,737)</u>
Tot	231,813,242	239,502,315	7,689,073		\$1,354,356					(\$1,614,839)		(\$260,476)

Total Firm Demand Cost Recovery Revenue (Net)					\$6,210,661					(\$3,772,919)		\$2,437,761
--	--	--	--	--	--------------------	--	--	--	--	----------------------	--	--------------------

*Due to the use of MN Company forecast sales instead of MN only sales to allocate the PGA annual sales to monthly, the demand cost over-recovery credit to customers was \$876,013 more than the \$2,896,906 actual over-recovery for this period.

Note that Col (g) for Oct reflects the total of Jul and Aug, not just Aug.

Note that Col (h) is adjusted to have the opposite sign of Col (g).

** The "cap" is determined by:

Summer -- 0.25 * Dmd Unit Cost/Thm, Annual (from PGA Sch A, p. 3, Line 10)

Winter -- 1.25 * Levelized Demand - Dmd Unit Cost/Thm, Total (from PGA Sch. A, p. 3, Line 10);

Levelized Demand = (Non-Demand Billed Allocation, Annual + Non-Demand Billed Allocation, Winter)/MN Firm Therm Sales, Annual (from PGA Sch. A, p. 3, Lines 7 & 9)

Northern States Power Company
Gas Operations - State of MN
MONTHLY DEMAND TRUE-UP MECHANISM
Filed August 30, 2019

PGA CALCULATED SALES CALCULATION

	(a)	(b)	(c)	(d)	(e)	(f)
	Monthly % of Annual	Annual PGA Forecasted Sales	Residential	Residential* Calculated	Non-Demand Billed Commercial	Commercial* Calculated
2018 - 2019	Budgeted Sales	Per MN Rule	PGA Sales %	PGA Sales	PGA Sales %	PGA Sales
		(a * Annual Sales	(d / b)	(thm)	(f / b)	(thm)
July	1.84%	10,767,574	54.8%	5,897,142	45.2%	4,870,432
August	1.83%	10,679,985	57.1%	6,095,783	42.9%	4,584,202
September	2.22%	12,939,774	62.6%	8,095,561	37.4%	4,844,213
October	4.14%	24,180,327	74.5%	18,014,949	25.5%	6,165,378
November	8.81%	51,461,295	75.5%	38,870,789	24.5%	12,590,506
December	14.54%	84,920,188	70.8%	60,132,341	29.2%	24,787,847
January	18.40%	107,436,329	63.9%	68,605,146	36.1%	38,831,183
February	17.29%	100,954,764	56.9%	57,450,991	43.1%	43,503,773
March	14.09%	82,263,330	55.6%	45,743,583	44.4%	36,519,747
April	9.34%	54,556,097	44.6%	24,315,222	55.4%	30,240,875
May	4.60%	26,878,060	42.8%	11,497,996	57.2%	15,380,064
June	2.89%	16,887,106	43.8%	7,392,084	56.2%	9,495,022
Annual	100.00%	583,924,829		352,111,587		231,813,242

CAPACITY RELEASE ADJUSTMENT CALCULATION

	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
	NSPM**	NSPM**	NSPM**		MN-state	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State	MN-State
	Actual	Capacity	Capacity		Capacity	Firm	Firm	Residential	Commercial	Residential	Commercial	Residential	Commercial
	Capacity	Release	Release	MN-State	Release	Demand	Capacity	Calendar	Calendar	% of Firm	% of Firm	Capacity	Capacity
	Release***	in PGA	not in PGA	Allocator	Not in PGA	Allocator	Not in PGA	Month	Month	Non-Demand	Non-Demand	Release	Release
2018 - 2019	Release***	in PGA	not in PGA	Allocator	Not in PGA	Allocator	Not in PGA	Actual Sales	Actual Sales	Billed Sales	Billed Sales	Not in PGA	Not in PGA
		j - k			l * m		n * o	Page 1, col. (b)	Page 1, col. (b)	q / (q + r)	r / (q + r)	p * s	p * t
July	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,308,004	4,142,259	60.36%	39.64%	(\$0)	(\$0)
August	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,733,188	4,619,227	59.31%	40.69%	(\$0)	(\$0)
September	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	8,200,332	5,404,414	60.28%	39.72%	(\$0)	(\$0)
October	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	25,087,990	14,537,094	63.31%	36.69%	(\$0)	(\$0)
November	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	52,006,960	29,677,720	63.67%	36.33%	\$0	\$0
December	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	58,987,217	35,139,065	62.67%	37.33%	\$0	\$0
January	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	79,273,121	43,206,606	64.72%	35.28%	\$0	\$0
February	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	67,341,900	36,538,178	64.83%	35.17%	\$0	\$0
March	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	54,845,094	33,592,746	62.02%	37.98%	\$0	\$0
April	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	28,196,666	17,551,841	61.63%	38.37%	(\$4)	(\$2)
May	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	17,191,600	10,229,246	62.70%	37.30%	(\$4)	(\$2)
June	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	8,570,314	4,863,918	63.79%	36.21%	(\$4)	(\$2)
Annual	(\$168,623)	(\$168,601)	(\$22)		(\$19)		(\$18)	412,742,386	239,502,315			(\$12)	(\$7)

*Due to the use of MN Company forecast sales instead of MN only sales to allocate the PGA annual sales to monthly, the demand cost over-recovery credit to customers was \$876,013 more than the \$2,896,906 actual over-recovery for this period.

** NSPM includes service to Minnesota and North Dakota

*** Actual Capacity Release data is lagged by two months.

Compliance Reporting Per G002/M-03-843

	Actual Demand	Monthly* Demand	Demand Recovery Absent
Description	Recovery	Recovery	Monthly True-up
Residential	\$31,861,377	(\$2,158,080)	\$34,019,457
Commercial	\$17,976,329	(\$1,614,839)	\$19,591,168
<u>Demand-Billed</u>	<u>\$1,815,300</u>	<u>\$0</u>	<u>\$1,815,300</u>
Total	\$51,653,006	(\$3,772,919)	\$55,425,924

	Actual Demand	Monthly Demand	Demand Recovery Absent
Description	Over/(Under)	Recovery	Monthly True-up
Residential	\$2,245,600	(\$2,158,080)	\$4,403,680
Commercial	\$809,112	(\$1,614,839)	\$2,423,950
<u>Demand-Billed</u>	<u>\$43,749</u>	<u>\$0</u>	<u>\$43,749</u>
Total	\$3,098,460	(\$3,772,919)	\$6,871,379

Northern States Power Company
Gas Operations - State of MN
MONTHLY DEMAND TRUE-UP MECHANISM
Filed August 30, 2019

Corrected Schedule I
Page 1 of 2

2018 - 2019	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h [^])	(i)	(j)	(k)
	Calculated PGA Sales	Calendar Month Actual Sales	Sales Difference	Calendar Demand Rate	Demand Cost Over/(Under)	Capacity Release Over/(Under)	Lagged Over/(Under)	Calculated Demand Rate Adder*	Actual Demand Rate Adder	Actual Demand Rate Recovery	Rate Adder Over/(Under)	Net Over/(Under)
	Page 2, col. (d)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h [^])	(g + i)	(e + f + i)
Jul	6,436,761	6,308,004	(128,757)	\$0.05040	(\$6,489)	\$0						(\$6,489)
Aug	6,611,941	6,733,188	121,247	\$0.05040	\$6,111	\$0						\$6,111
Sep	8,703,047	8,200,332	(502,715)	\$0.04771	(\$23,985)	\$0						(\$23,984)
Oct	18,925,070	25,087,990	6,162,920	\$0.04771	\$294,033	\$0	(\$378)		\$0.00002	\$502	\$123	\$294,535
Nov	40,683,015	52,006,960	11,323,945	\$0.09364	\$1,060,374	\$0	(\$23,984)		\$0.00059	\$30,684	\$6,700	\$1,091,058
Dec	63,024,149	58,987,217	(4,036,932)	\$0.09490	(\$383,105)	\$0	\$294,156		(\$0.00467)	(\$275,470)	\$18,686	(\$658,575)
Jan	71,778,442	79,273,121	7,494,679	\$0.09490	\$711,245	\$0	\$1,067,074		(\$0.00995)	(\$788,768)	\$278,306	(\$77,523)
Feb	60,231,402	67,341,900	7,110,498	\$0.09490	\$674,786	\$0	(\$364,419)		\$0.00605	\$407,418	\$43,000	\$1,082,205
Mar	47,787,668	54,845,094	7,057,426	\$0.09487	\$669,538	\$0	\$989,551		(\$0.00995)	(\$545,709)	\$443,843	\$123,829
Apr	25,673,687	28,196,666	2,522,979	\$0.04861	\$122,642	\$4	\$717,786		(\$0.01215)	(\$342,589)	\$375,196	(\$219,944)
May	12,219,791	17,191,600	4,971,809	\$0.04896	\$243,420	\$4	\$1,113,381		(\$0.01224)	(\$210,425)	\$902,956	\$32,998
Jun	8,030,283	8,570,314	540,031	\$0.04896	\$26,440	\$4	\$497,842					\$26,444
Tot	370,105,256	412,742,386	42,637,130		\$3,395,010					(\$1,724,357)		\$1,670,665

2018 - 2019	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(h [^])	(i)	(j)	(k)
	Calculated PGA Sales	Calendar Month Actual Sales	Sales Difference	Calendar Demand Rate	Demand Cost Over/(Under)	Capacity Release Over/(Under)	Lagged Over/(Under)	Calculated Demand Rate Adder*	Actual Demand Rate Adder	Demand Rate Recovery	Demand Rate Adder Over/(Under)	Net Over/(Under)
	Page 2, col. (f)		(b - a)		(c * d)	Page 2, col. (u)	(e[-2] + f[-2] + j[-2])	min(g/a, cap)		(b * h [^])	(g + i)	(e + f + i)
Jul	4,132,278	4,142,259	9,981	\$0.05040	\$503	\$0						\$503
Aug	4,360,007	4,619,227	259,220	\$0.05040	\$13,065	\$0						\$13,065
Sep	5,521,362	5,404,414	(116,948)	\$0.04771	(\$5,580)	\$0						(\$5,580)
Oct	11,462,378	14,537,094	3,074,716	\$0.04771	\$146,695	\$0	\$13,568		(\$0.00118)	(\$17,154)	(\$3,586)	\$129,541
Nov	22,742,900	29,677,720	6,934,820	\$0.09364	\$649,377	\$0	(\$5,580)		\$0.00025	\$7,419	\$1,840	\$656,796
Dec	35,956,949	35,139,065	(817,884)	\$0.09490	(\$77,617)	\$0	\$143,109		(\$0.00398)	(\$139,853)	\$3,255	(\$217,471)
Jan	40,311,768	43,206,606	2,894,838	\$0.09490	\$274,720	\$0	\$651,216		(\$0.00995)	(\$429,906)	\$221,311	(\$155,186)
Feb	34,107,493	36,538,178	2,430,685	\$0.09490	\$230,672	\$0	(\$74,362)		\$0.00218	\$79,653	\$5,291	\$310,325
Mar	27,859,794	33,592,746	5,732,952	\$0.09487	\$543,885	\$0	\$496,031		(\$0.00995)	(\$334,248)	\$161,783	\$209,637
Apr	14,056,558	17,551,841	3,495,283	\$0.04861	\$169,906	\$2	\$235,963		(\$0.01215)	(\$213,255)	\$22,708	(\$43,347)
May	8,725,593	10,229,246	1,503,653	\$0.04896	\$73,619	\$2	\$705,668		(\$0.01224)	(\$125,206)	\$580,462	(\$51,585)
Jun	4,582,493	4,863,918	281,425	\$0.04896	\$13,779	\$2	\$192,616					\$13,781
Tot	213,819,573	239,502,315	25,682,742		\$2,033,023					(\$1,172,549)		\$860,481

Total Firm Demand Cost Recovery Revenue (Net)

\$5,428,033

(\$2,896,906)

\$2,531,146

Note that Col (g) for Oct reflects the total of Jul and Aug, not just Aug.

Note that Col (h) is adjusted to have the opposite sign of Col (g).

* The "cap" is determined by:

Summer -- 0.25 * Dmd Unit Cost/Thm, Annual (from PGA Sch A, p. 3, Line 10)

Winter -- 1.25 * Levelized Demand - Dmd Unit Cost/Thm, Total (from PGA Sch. A, p. 3, Line 10);

Levelized Demand = (Non-Demand Billed Allocation, Annual + Non-Demand Billed Allocation, Winter)/MN Firm Therm Sales, Annual (from PGA Sch. A, p. 3, Lines 7 & 9)

Northern States Power Company
Gas Operations - State of MN
MONTHLY DEMAND TRUE-UP MECHANISM
Filed August 30, 2019

Corrected Schedule I
Page 2 of 2

Corrected
PGA CALCULATED SALES CALCULATION

	(a)	(b)	(c)	(d)	(e)	(f)
	Monthly % of Annual	Annual PGA Forecasted Sales	Residential	Residential Calculated	Non-Demand Billed Commercial	Commercial Calculated
2018 - 2019	Budgeted Sales	Per MN Rule	PGA Sales %	PGA Sales	PGA Sales %	PGA Sales
	(a * Annual Sales)		(d / b)	(thm)	(f / b)	(thm)
July	1.81%	10,569,039	60.9%	6,436,761	39.1%	4,132,278
August	1.88%	10,971,948	60.3%	6,611,941	39.7%	4,360,007
September	2.44%	14,224,409	61.2%	8,703,047	38.8%	5,521,362
October	5.20%	30,387,448	62.3%	18,925,070	37.7%	11,462,378
November	10.86%	63,425,915	64.1%	40,683,015	35.9%	22,742,900
December	16.95%	98,981,098	63.7%	63,024,149	36.3%	35,956,949
January	19.20%	112,090,210	64.0%	71,778,442	36.0%	40,311,768
February	16.16%	94,338,895	63.8%	60,231,402	36.2%	34,107,493
March	12.96%	75,647,462	63.2%	47,787,668	36.8%	27,859,794
April	6.80%	39,730,245	64.6%	25,673,687	35.4%	14,056,558
May	3.59%	20,945,384	58.3%	12,219,791	41.7%	8,725,593
June	2.16%	<u>12,612,776</u>	<u>63.7%</u>	<u>8,030,283</u>	<u>36.3%</u>	<u>4,582,493</u>
Annual	100.00%	583,924,829		370,105,256		213,819,573

CAPACITY RELEASE ADJUSTMENT CALCULATION

	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
	NSPM* Actual Capacity Release**	NSPM* Capacity Release in PGA	NSPM* Capacity Release not in PGA j - k	MN-State Release Allocator	MN-state Capacity Release Not in PGA l * m	MN-State Firm Demand Allocator	MN-State Firm Capacity Release Not in PGA n * o	MN-State Residential Calendar Month Actual Sales Page 1, col. (b)	MN-State Commercial Calendar Month Actual Sales Page 1, col. (b)	MN-State Residential % of Firm Non-Demand Billed Sales q / (q + r)	MN-State Commercial % of Firm Non-Demand Billed Sales r / (q + r)	MN-State Residential Capacity Release Not in PGA p * s	MN-State Commercial Capacity Release Not in PGA p * t
2018 - 2019													
July	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,308,004	4,142,259	60.36%	39.64%	(\$0)	(\$0)
August	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	6,733,188	4,619,227	59.31%	40.69%	(\$0)	(\$0)
September	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	8,200,332	5,404,414	60.28%	39.72%	(\$0)	(\$0)
October	(\$22,776)	(\$22,776)	(\$0)	87.57%	(\$0)	96.65%	(\$0)	25,087,990	14,537,094	63.31%	36.69%	(\$0)	(\$0)
November	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	52,006,960	29,677,720	63.67%	36.33%	\$0	\$0
December	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	58,987,217	35,139,065	62.67%	37.33%	\$0	\$0
January	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	79,273,121	43,206,606	64.72%	35.28%	\$0	\$0
February	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	67,341,900	36,538,178	64.83%	35.17%	\$0	\$0
March	\$0	\$0	\$0	87.51%	\$0	96.67%	\$0	54,845,094	33,592,746	62.02%	37.98%	\$0	\$0
April	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	28,196,666	17,551,841	61.63%	38.37%	(\$4)	(\$2)
May	(\$25,840)	(\$25,833)	(\$7)	87.51%	(\$6)	96.67%	(\$6)	17,191,600	10,229,246	62.70%	37.30%	(\$4)	(\$2)
June	<u>(\$25,840)</u>	<u>(\$25,833)</u>	<u>(\$7)</u>	87.51%	<u>(\$6)</u>	96.67%	<u>(\$6)</u>	<u>8,570,314</u>	<u>4,863,918</u>	63.79%	36.21%	<u>(\$4)</u>	<u>(\$2)</u>
Annual	(\$168,623)	(\$168,601)	(\$22)		(\$19)		(\$18)	412,742,386	239,502,315			(\$12)	(\$7)

* NSPM includes service to Minnesota and North Dakota

** Actual Capacity Release data is lagged by two months.

Compliance Reporting Per G002/M-03-843			
Description	Actual Demand Recovery	Monthly Demand Recovery	Demand Recovery Absent Monthly True-up
Residential	\$31,861,377	(\$1,724,357)	\$33,585,734
Commercial	\$17,976,329	(\$1,172,549)	\$19,148,878
Demand-Billed	\$1,815,300	\$0	\$1,815,300
Total	\$51,653,006	(\$2,896,906)	\$54,549,911
Description	Actual Demand Over/(Under)	Monthly Demand Recovery	Demand Recovery Absent Monthly True-up
Residential	\$2,245,600	(\$1,724,357)	\$3,969,957
Commercial	\$809,112	(\$1,172,549)	\$1,981,660
Demand-Billed	\$43,749	\$0	\$43,749
Total	\$3,098,460	(\$2,896,906)	\$5,995,366

CERTIFICATE OF SERVICE

I, Lynnette Sweet, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota

xx electronic filing

**Docket Nos. G999/AA-19-401
G999/AA-18-374
G002/GR-09-1153
G002/GR-06-1429**

Dated this 30th day of August 2019

/s/

Lynnette Sweet
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tamie A.	Aberle	tamie.aberle@mdu.com	Great Plains Natural Gas Co.	400 North Fourth Street Bismarck, ND 585014092	Electronic Service	No	OFF_SL_19-401_AA-19-401
Kristine	Anderson	kanderson@greatermngas.com	Greater Minnesota Gas, Inc.	202 S. Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_19-401_AA-19-401
Steven	Clay	Steven.Clay@CenterPoint Energy.com	CenterPoint Energy Minnesota Gas	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_19-401_AA-19-401
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_19-401_AA-19-401
Marie	Doyle	marie.doyle@centerpointenergy.com	CenterPoint Energy	505 Nicollet Mall P O Box 59038 Minneapolis, MN 554590038	Electronic Service	No	OFF_SL_19-401_AA-19-401
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_19-401_AA-19-401
Brian	Gardow	bgardow@greatermngas.com	Greater Minnesota Gas, Inc.	PO Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_19-401_AA-19-401
Nicolle	Kupser	nkupser@greatermngas.com	Greater Minnesota Gas, Inc.	202 South Main Street P.O. Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_19-401_AA-19-401
Greg	Palmer	gpalmer@greatermngas.com	Greater Minnesota Gas, Inc.	PO Box 68 202 South Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_19-401_AA-19-401
Lisa	Peterson	lisa.r.peterson@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_19-401_AA-19-401

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Catherine	Phillips	catherine.phillips@we-energies.com	We Energies	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_19-401_AA-19-401
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_19-401_AA-19-401
Peggy	Sorum	peggy.sorum@centerpointenergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_19-401_AA-19-401
Kristin	Stastny	kstastny@briggs.com	Briggs and Morgan, P.A.	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_19-401_AA-19-401
Lynnette	Sweet	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_19-401_AA-19-401
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_19-401_AA-19-401
Mary	Wolter	mary.wolter@wecenergygroup.com	Minnesota Energy Resources Corporation (HOLDING)	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_19-401_AA-19-401

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tamie A.	Aberle	tamie.aberle@mdu.com	Great Plains Natural Gas Co.	400 North Fourth Street Bismarck, ND 585014092	Electronic Service	No	OFF_SL_18-374_AA-18-374
Kristine	Anderson	kanderson@greatermngas.com	Greater Minnesota Gas, Inc.	202 S. Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_18-374_AA-18-374
Steven	Clay	Steven.Clay@CenterPoint Energy.com	CenterPoint Energy Minnesota Gas	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-374_AA-18-374
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_18-374_AA-18-374
Marie	Doyle	marie.doyle@centerpointenergy.com	CenterPoint Energy	505 Nicollet Mall P O Box 59038 Minneapolis, MN 554590038	Electronic Service	No	OFF_SL_18-374_AA-18-374
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_18-374_AA-18-374
Brian	Gardow	bgardow@greatermngas.com	Greater Minnesota Gas, Inc.	PO Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_18-374_AA-18-374
Nicolle	Kupser	nkupser@greatermngas.com	Greater Minnesota Gas, Inc.	202 South Main Street P.O. Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_18-374_AA-18-374
Greg	Palmer	gpalmer@greatermngas.com	Greater Minnesota Gas, Inc.	PO Box 68 202 South Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_18-374_AA-18-374
Lisa	Peterson	lisa.r.peterson@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_18-374_AA-18-374

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Catherine	Phillips	catherine.phillips@we-energies.com	We Energies	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_18-374_AA-18-374
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_18-374_AA-18-374
Peggy	Sorum	peggy.sorum@centerpointenergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-374_AA-18-374
Kristin	Stastny	kstastny@briggs.com	Briggs and Morgan, P.A.	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-374_AA-18-374
Lynnette	Sweet	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_18-374_AA-18-374
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_18-374_AA-18-374
Mary	Wolter	mary.wolter@wecenergygroup.com	Minnesota Energy Resources Corporation (HOLDING)	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_18-374_AA-18-374

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_9-1153_Official
Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy	414 Nicollet Mall7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_9-1153_Official
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_9-1153_Official
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Paper Service	No	OFF_SL_9-1153_Official
Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy	414 Nicollet Mall - 401 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_9-1153_Official
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_9-1153_Official
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_9-1153_Official
Annete	Henkel	mui@mutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St.Paul, MN 55101	Electronic Service	No	OFF_SL_9-1153_Official
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_9-1153_Official
Eric	Lipman	eric.lipman@state.mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 551640620	Electronic Service	Yes	OFF_SL_9-1153_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_9-1153_Official
Mary	Martinka	mary.a.martinka@xcelenergy.com	Xcel Energy Inc	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_9-1153_Official
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_9-1153_Official
Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_9-1153_Official
David	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	220 South Sixth Street Suite 1300 Minneapolis, Minnesota 55402	Electronic Service	No	OFF_SL_9-1153_Official
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	No	OFF_SL_9-1153_Official
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_9-1153_Official
James M	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	200 S 6th St Ste 470 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_9-1153_Official
Lynnette	Sweet	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_9-1153_Official
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_9-1153_Official

[illegible]

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_6-1429_1
Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_6-1429_1
Samantha	Norris	samanthanorris@alliantenergy.com	Interstate Power and Light Company	200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351	Electronic Service	No	OFF_SL_6-1429_1
Greg	Palmer	gpalmer@greatermngas.com	Greater Minnesota Gas, Inc.	PO Box 68 202 South Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_6-1429_1
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_6-1429_1
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_6-1429_1
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Electronic Service	No	OFF_SL_6-1429_1
James M	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	200 S 6th St Ste 470 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_6-1429_1
Lynnette	Sweet	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_6-1429_1

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Lisa	Veith	lisa.veith@ci.stpaul.mn.us	City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Electronic Service	No	OFF_SL_6-1429_1
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_6-1429_1