

505 Nicollet Mall P.O. Box 59038 Minneapolis, MN 55459-0038

- VIA ELECTRONIC FILING -

September 3, 2019

Mr. Daniel Wolf Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 St. Paul, MN 55101-2147

RE: CenterPoint Energy Resources Corp. d/b/a CenterPoint Energy Minnesota Gas Annual True-up Report Docket No. G-008/AA-19-____

Dear Mr. Wolf:

CenterPoint Energy Resources Corp. d/b/a CenterPoint Energy Minnesota Gas (CenterPoint Energy or Company) submits its Annual True-Up Report. This report represents gas costs for the year beginning July 1, 2018 and ending June 30, 2019 pursuant to the Minnesota Public Utilities Commission (Commission) rules 7825.2910, subpart 4 and 7825.2700, subpart 7 and by the miscellaneous tariff filing requirements in section 7829.1300

Results of the Reconciliation

CenterPoint Energy's purchased gas costs for the 2018-2019 gas-year were under recovered by \$8,613,195. The under-recovery represents 1.5% of the total purchased gas costs of \$588,145,332.

CenterPoint Energy includes several reconciling items in the true-up balance including:

- Off system sales credit
- Gas losses collected from contractors and credited to commodity costs, and
- Balancing service revenue and balancing penalties (daily and monthly).
- There were not curtailment penalties billed this year.

If you have any questions regarding the information provided in this filing, please contact me at (612) 321-4677 or Donald.Wynia@centerpointenergy.com.

Sincerely,

/s/ Donald Wynia Regulatory Analyst CenterPoint Energy

CENTERPOINT ENERGY SUMMARY OF MISCELLANEOUS TARIFF FILING Rule 7829.1300, Subp.1

The Annual True-Up Report summarizes the cost of gas incurred and the cost of gas recovered in billing rates for the twelve-month period ended June 30, 2019. Over and under recoveries will be refunded or surcharged through the PGA for the next twelve months beginning September 1 of each year. For the twelve months ended June 30, 2019, the Company's purchased gas costs were under recovered by \$8,613,195. The under-recovery represents 1.5% of the total purchased gas costs of \$588,145,332.

CENTERPOINT ENERGY ADDITIONAL INFORMATION Rule 7829.1300, Subp.3

7829.1300 Miscellaneous Tariff and Price List Filings

Subp. 1 Summary.

A miscellaneous tariff filing and price list filing must include, on a separate page, a one-paragraph summary of the filing, sufficient to apprise potentially interested parties of its nature and general content.

A one-paragraph summary is attached to this filing.

Subp. 2 Service.

The filing utility shall serve copies of each miscellaneous tariff filing on which commission action is required within 60 days, and each price list filing increasing the price of a competitive service, on the persons on the applicable general service list, on the department, and on the Residential Utilities Division of the Office of the Attorney General. For other filings, the utility may serve the summary described in subpart 1 on persons on the applicable general service list. The utility shall serve with the filing or the summary a copy of its general service list for the filing.

A copy of this filing has been served on all parties on the enclosed service list.

Subp. 3 Content of filing subject to specific requirements.

In addition to complying with specific requirements imposed by statute or rule, miscellaneous tariff and price filings subject to specific filing rules must contain at least the following information:

A. the name, address, and telephone number of the utility, without abbreviation;

CenterPoint Energy Resources Corp. d/b/a CenterPoint Energy Minnesota Gas 505 Nicollet Mall P.O. Box 59038 Minneapolis, MN 55459-0038 (612) 321-4664

B. the name, address, and telephone number of the attorney for the utility, if the utility is using an attorney;

Steven Clay 505 Nicollet Mall P.O. Box 59038 Minneapolis, MN 55459-0038 (612) 321-4606 Steven.Clay@CenterPointEnergy.com C. the date of the filing and the date the proposed rate or service change will go into effect;

Date Filed:

September 3, 2018

Effective Date:

September 1, 2019

D. the statute that the utility believes controls the time frame for processing the filing; and

CenterPoint Energy is unaware of any statute that controls the time frame for processing this filing.

E. the signature and title of the utility employee responsible for the filing.

/s/

Donald Wynia
Regulatory Analyst,
CenterPoint Energy
505 Nicollet Mall
Minneapolis, MN 55402
(612) 321-4677
Donald.Wynia@CenterPointEnergy.com

Subp. 4 Content of filing not subject to specific filing rules.
In addition to complying with any specific requirements imposed by statute, miscellaneous tariff and price list filings not subject to specific filing rules must contain at least the following information:

Not applicable.

CENTERPOINT ENERGY Report of Over/Under for the Calculation of GCR factor for Consolidated Gas Costs

Annual True-up Report: 2018-2019

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NOTE: Gas Losses paid by Contractor for System Damage detail included only in

CenterPoint Energy's AAA report (G-999/AA-19-___ - Exhibit 9 because it

contains Non-Public Information)

AFFIDAVIT OF SERVICE

STATE OF MINNESOTA)	
)	SS
COUNTY OF HENNEPIN)	

Donald Wynia, being first duly sworn on oath, deposes and says he served or caused to be served on behalf of CenterPoint Energy the Annual True-Up Report on:

- The Minnesota Public Utilities Commission via electronic filing;
- The Department of Commerce (DOC) via electronic filing;
- The Minnesota Office of the Attorney General via electronic filing;
- Electronic filing of its Annual True-up report on persons requesting electronic service on the enclosed service list:
- and a notification only of its Annual Automatic Adjustment report as described in Minn.
 Rules pt. 7825.2840 on persons requesting paper service on the enclosed service list, by delivering by hand at the respective addresses on the list or by placing in the U.S. Mail at the City of Minneapolis.

____/s/ Donald Wynia Regulatory Analyst, Regulatory Services CenterPoint Energy

Subscribed and sworn to before me this 30th day of <u>July</u>, <u>2018</u>.

/s/
Kristen S Ruud, Notary Public My
Commission Expires 1/31/2020

WITHOUT UNBILLED

Gas Costs Incurred														
_	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	
Line No.														
1 Commodity	\$9,882,642	\$9,020,798	\$10,324,630	\$30,249,609	\$67,331,912	\$81,032,374	\$99,084,808	\$73,545,389	\$66,471,812	\$25,795,839	\$13,673,843	\$6,651,378	\$493,065,033	
2 Demand	\$2,221,454	\$2,229,438	\$2,225,828	\$2,117,682	\$14,075,835	\$16,582,558	\$16,723,378	\$16,810,158	\$14,771,146	\$2,578,654	\$1,141,560	\$2,368,477	\$93,846,169	
3 Propane _	\$8,040	\$3,237	(\$15,403)	(\$2,382)	\$6,605	\$25,198	\$1,015,536	\$44,567	\$24,258	\$48,826	\$55,159	\$20,490	\$1,234,131	
4 Total	\$12,112,136	\$11,253,472	\$12,535,055	\$32,364,910	\$81,414,352	\$97,640,129	\$116,823,721	\$90,400,114	\$81,267,216	\$28,423,319	\$14,870,562	\$9,040,345	\$588,145,332	
Gas Costs Recovered in	Billing Rates													
_	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	Difference
Line No.														
5 Commodity	\$9,681,073	\$8,562,493	\$7,992,783	\$17,167,386	\$38,216,928	\$69,838,902	\$94,455,195	\$94,347,285	\$76,377,302	\$39,613,655	\$21,997,921	\$10,137,948	\$488,388,870	(\$4,676,163)
6 Demand	\$1,787,993	\$1,961,967	\$1,622,692	\$4,138,887	\$8,450,964	\$10,256,219	\$12,738,680	\$14,271,170	\$14,370,015	\$9,863,631	\$7,736,068	\$3,944,981	\$91,143,267	(\$2,702,901)
7 Propane	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,234,131)
8 Total	\$11,469,066	\$10,524,460	\$9,615,475	\$21,306,273	\$46,667,892	\$80,095,121	\$107,193,874	\$108,618,455	\$90,747,317	\$49,477,286	\$29,733,989	\$14,082,929	\$579,532,137	(\$8,613,195)
Over/(Under)														
9 Recovery	(\$643,070)	(\$729,013)	(\$2,919,580)	(\$11,058,637)	(\$34,746,460)	(\$17,545,008)	(\$9,629,847)	\$18,218,341	\$9,480,101	\$21,053,967	\$14,863,427	\$5,042,584	(\$8,613,195)	-1.5%
Differences:														
10 Commodity	(\$201,569)	(\$458,305)	(\$2,331,847)	(\$13,082,223)	(\$29,114,984)	(\$11,193,472)	(\$4,629,613)	\$20,801,896	\$9,905,490	\$13,817,816	\$8,324,078	\$3,486,570	(\$4,676,163)	-0.9%
11 Demand/Propane	(\$441,501)	(\$270,708)	(\$587,733)	\$2,023,586	(\$5,631,476)	(\$6,351,537)	(\$5,000,234)	(\$2,583,555)	(\$425,388)	\$7,236,150	\$6,539,349	\$1,556,014	(\$3,937,032)	-4.1%
										,	Annual Credits		\$2,070,945	
										F	Prior Period Balanc	е	\$1,151,969	
											NET True-Up	_	(\$5,390,281)	-0.9%

Gas Costs Incurred by Cost Component

Cost Component													
	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
Line No.													
System only													
1 Commodity Cost	\$10,621,399	\$9,741,359	\$11,094,011	\$30,805,984	\$67,582,850	\$81,012,994	\$97,439,051	\$72,919,053	\$65,776,656	\$25,639,107	\$13,638,965	\$6,996,770	\$493,268,199
2 Company Use	(\$4,237)	(\$3,402)	(\$3,179)	(\$4,785)	(\$9,258)	(\$96,623)	(\$57,217)	(\$34,481)	(\$25,872)	(\$10,836)	(\$2,700)	(\$30,711)	(\$283,301)
3 UG Stor/Wdraw	(\$769,573)	(\$753,195)	(\$797,150)	(\$585,648)	\$9,789	\$399,870	\$1,288,478	\$621,120	\$688,819	\$135,569	\$0	(\$67,664)	\$170,415
4 LNG Stor/Wdraw	\$35,053	\$36,036	\$30,948	\$34,058	(\$251,469)	(\$283,868)	\$414,495	\$39,698	\$32,210	\$31,999	\$37,578	(\$247,017)	(\$90,280)
5 Total Commodity	\$9,882,642	\$9,020,798	\$10,324,630	\$30,249,609	\$67,331,912	\$81,032,374	\$99,084,808	\$73,545,389	\$66,471,812	\$25,795,839	\$13,673,843	\$6,651,378	\$493,065,033
6 Demand Cost	\$2,221,454	\$2,229,438	\$2,225,828	\$2,117,682	\$14,075,835	\$16,582,558	\$16,723,378	\$16,810,158	\$14,771,146	\$2,578,654	\$1,141,560	\$2,368,477	\$93,846,169
7 Propane Cost	\$8,040	\$3,237	(\$15,403)	(\$2,382)	\$6,605	\$25,198	\$1,015,536	\$44,567	\$24,258	\$48,826	\$55,159	\$20,490	\$1,234,131
8 Total	\$12,112,136	\$11,253,472	\$12,535,055	\$32,364,910	\$81,414,352	\$97,640,129	\$116,823,721	\$90,400,114	\$81,267,216	\$28,423,319	\$14,870,562	\$9,040,345	\$588,145,332

NOTE: Does not include Off System Sales and system damage credits, which are credited directly to the True-Up account

Line Explanation:

- 1 Commodity Cost is from account number 8042
- 2 Company Use is from account number 8120
- 3 Injections and Withdrawals from UG storage is from account numbers 8081 and 80914 Injections and Withdrawals from LNG storage is from account numbers 8081 and 8091
- 5 Sum of lines 1 through 4
- 6 Demand costs are from account number 8041 and 8051 (Capacity Release) -
- 7 Propane Costs are from account number 7281
- 8 Sum of lines 5 through 7

Allocation to Customer Class - Methodology

Customer Class	Calendar Sales (DT)	Cycle Sales (DT)	Commodity Costs	MDQ By Month	Demand and Propane Costs
Small Volume Firm					
Residential	78,734,955	78,582,724			Large Based
Com A	2,481,718	2,483,724			on MDQ and
Com/Ind B	6,365,170	6,350,849			Small
Com/Ind C	36,632,694	36,655,255	Allocation		Allocation
Large General Service	890,467	881,090	Based on	5,163	Based on
Small Volume Dual Fuel	8,558,884		Monthly		Annual
Large Volume Dual Fuel	7,579,599		Calendar		Firm Cycle
<u> </u>			Sales		Sales
Firm	125,105,004	124,953,641		1,129,596	
Total	141,243,487				
Cost by Class		Commodity Costs	Demand Costs	Propane Costs	Total
FIDM		0.107.107.70	00000000	* * * * * * * * * * * * * * * * * * *	A =00 = 15 00 5
FIRM	_	\$437,465,526	\$93,846,169	\$1,234,131	\$532,545,825
Residential		\$275,968,118	\$59,166,021	\$778,068	\$335,912,207
Com A		\$8,874,324	\$1,870,030	\$24,592	\$10,768,946
Com/Ind B		\$22,582,002	\$4,781,642	\$62,881	\$27,426,525
Com/Ind C		\$127,069,245	\$27,598,248	\$362,933	\$155,030,427
Large General Service		\$2,971,837	\$430,228	\$5,655	\$3,407,720
Small Volume Dual Fuel		\$30,143,246	\$0	\$0	\$30,143,246
Large Volume Dual Fuel		\$25,456,261	\$0	\$0	\$25,456,261
Total		\$493,065,033	\$93,846,169	\$1,234,131	\$588,145,332

Cost of Gas Allocation Procedure

Commodity: Costs are allocated on a monthly basis since recovery rates

are based on monthly purchases. (See page 4 for details)

Demand: Costs are assigned to the Large General Service class based

on monthly total MDQ for Large Firm customers. The remainder is assigned

to the Small Volume Firm classes. Demand costs include

capacity release credits.

Propane: Costs are directly assigned to classes based on usage during

months of peak shaving. Costs for testing and inventory

adjustments are assigned to firm classes.

Commodity Cost Incurred Allocation to Customer Classes

Line															
No.	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		
Sales by Class (DT)															
Small Volume Firm-Cycle Residential	1 202 620 D#	4 464 206 Dth	1 150 070 Dth	2 000 420 D#	6 654 222 Dth	10 110 271 Dth	12,755,255 Dth	14.141.307 Dth	12 002 706 Dth	7.591.176 Dth	4.932.410 Dth	2 222 046 Dth	78.582.724 Dth		
3 Commercial - A	1,283,638 Dth 28,225 Dth	27,854 Dth	1,158,070 Dth 16,728 Dth	3,060,438 Dth 55,268 Dth	162,930 Dth	10,118,371 Dth 328,067 Dth	422.874 Dth	14,141,307 Dth 521,395 Dth	484,705 Dth	251.784 Dth	4,932,410 Dth 139,442 Dth	2,333,816 Dtn 44,452 Dth	2.483.724 Dth		
4 Com/Industrial - B	77.799 Dth	80.219 Dth	70,778 Dth	181,154 Dth	481,284 Dth	846,066 Dth	1,052,877 Dth		1,168,844 Dth	626,005 Dth	362,575 Dth	156,909 Dth	6.350.849 Dth		
5 Com/Industrial - C	825,611 Dth	855,042 Dth	749,230 Dth	1,392,761 Dth	2,903,030 Dth		5,465,788 Dth		6,159,300 Dth	3,744,750 Dth	2,556,375 Dth				
6 Large General Service	27.647 Dth	27,084 Dth	26.822 Dth	50.438 Dth	73.304 Dth	89.524 Dth	117,948 Dth	149,770 Dth	101,942 Dth	89,247 Dth	71.353 Dth	56,011 Dth	881.090 Dth		
7 CYCLE Firm	2.242.920 Dth				10.274.779 Dth			22.232.885 Dth					124.953.641 Dth		
7 01022 1 11111	2,242,320 Dui	2,401,000 Dill	2,021,027 Dill	4,740,033 Dill	10,214,113 Dai	13,030,472 Dill	13,014,743 Dai	22,232,003 Dai	21,007,430 Dai	12,502,502 Dai	0,002,130 Dai	3,312,037 Dai	124,333,041 Dill	•	
8 Small Volume Firm-Calendar															
9 Residential	1,032,139 Dth	1,402,985 Dth	1,602,441 Dth	5,384,953 Dth	10,307,514 Dth	11,103,382 Dth	15,410,654 Dth	13,134,509 Dth	9,592,889 Dth	4,557,169 Dth	3,740,295 Dth	1,466,026 Dth	78,734,955 Dth		
10 Commercial - A	21,170 Dth	24,115 Dth	19,273 Dth	101,885 Dth	275,567 Dth	417,643 Dth	520,724 Dth	521,005 Dth	356,629 Dth	126,511 Dth	89,279 Dth	7,917 Dth	2,481,718 Dth		
11 Com/Industrial - B	59,031 Dth	71,889 Dth	103,159 Dth	316,276 Dth	792,910 Dth	1,010,405 Dth	1,263,225 Dth	1,218,543 Dth	867,679 Dth	332,257 Dth	244,842 Dth	84,953 Dth	6,365,170 Dth		
12 Com/Industrial - C	687,920 Dth	762,033 Dth	1,089,367 Dth	2,237,378 Dth	4,451,893 Dth	4,996,808 Dth	6,529,327 Dth	5,698,517 Dth	4,844,338 Dth	2,381,361 Dth	2,024,589 Dth	929,163 Dth	36,632,694 Dth		
13 Large General Service	27,084 Dth	26,628 Dth	48,778 Dth	80,120 Dth	73,056 Dth	99,783 Dth	121,603 Dth	160,375 Dth	88,994 Dth	70,159 Dth	57,456 Dth	36,432 Dth	890,467 Dth		
14 CALENDAR FIRM	1,827,344 Dth	2,287,650 Dth	2,863,018 Dth	8,120,613 Dth	15,900,939 Dth	17,628,021 Dth	23,845,533 Dth	20,732,949 Dth	15,750,530 Dth	7,467,457 Dth	6,156,462 Dth	2,524,490 Dth	125,105,004 Dth		
15 Small Volume Dual Fuel-	211,367 Dth 1.139.686 Dth	223,163 Dth 454,616 Dth	320,226 Dth 458,503 Dth	882,928 Dth 350.055 Dth	1,038,899 Dth 720,555 Dth	1,069,722 Dth 857.343 Dth	1,276,138 Dth 902,440 Dth	1,247,841 Dth 955,939 Dth	951,911 Dth 702,172 Dth	738,538 Dth	395,177 Dth 272,438 Dth	202,974 Dth 227,731 Dth	8,558,884 Dth 7.579,599 Dth		
16 Large Volume Dual Fuel 17 Total (14+15+16)		2.965.430 Dth	3.641.746 Dth	9.353.596 Dth		19.555.085 Dth	26.024.110 Dth	22.936.730 Dth		538,122 Dth 8,744,117 Dth		2.955.196 Dth	7,579,599 Dtn 141.243.487 Dth		
17 Total (14+15+16)	3,178,397 Dtn	2,965,430 Dtn	3,641,746 Dtn	9,353,596 Dtn	17,660,393 Dtn	19,555,085 Dtn	26,024,110 Dth	22,936,730 Dtn	17,404,612 Dtn	8,744,117 Dth	6,824,077 Dth	2,955,196 Dtn	141,243,487 Dtn	-	
SSEC Volumes	36,348 Dth	13,834 Dth	49,543 Dth	32,937 Dth	6,458 Dth	34,417 Dth	8,569 Dth	210,871 Dth	37,990 Dth	30,533 Dth	34,291 Dth	73,097 Dth	568,889 Dth		
													141,812,376 Dth		
18 Monthly Percent by Class for															
19 Residential	32.474%	47.311%	44.002%	57.571%	58.365%	56.780%	59.217%	57.264%	55.117%	52.117%	54.810%	49.608%			
20 Commercial - A	0.666%	0.813%	0.529%	1.089%	1.560%	2.136%	2.001%	2.271%	2.049%	1.447%	1.308%	0.268%			
21 Com/Industrial - B	1.857%	2.424%	2.833%	3.381%	4.490%	5.167%	4.854%	5.313%	4.985%	3.800%	3.588%	2.875%			
22 Com/Industrial - C	21.644%	25.697%	29.913%	23.920%	25.208%	25.552%	25.090%	24.845%	27.834%	27.234%	29.668%	31.442%			
23 Large General Service	0.852%	0.898%	1.339%	0.857%	0.414%	0.510%	0.467%	0.699%	0.511%	0.802%	0.842%	1.233%			
24 Small Volume Firm	57.493%	77.144%	78.617%	86.818%	90.037%	90.145%	91.629%	90.392%	90,496%	85.400%	90.217%	85.425%			
25 Small Volume Dual Fuel	6.650%	7.525%	8.793%	9.439%	5.883%	5.470%	4.904%	5.440%	5.469%	8.446%	5.791%	6.868%			
26 Large Volume Dual Fuel	35.857%	15.331%	12.590%	3.742%	4.080%	4.384%	3.468%	4.168%	4.034%	6.154%	3.992%	7.706%			
27 Total	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%			
28 Commodity Cost to be Alloca															
29 System Commodity Cost	\$9,882,642	\$9,020,798	\$10,324,630	\$30,249,609	\$67,178,074	\$80,878,536	\$98,930,970	\$73,391,552	\$66,317,975	\$25,795,839	\$13,673,843	\$6,651,378	\$492,295,845		
30 SVDF Direct Assignment	\$0	\$0	\$0	\$0	\$153,838	\$153,838	\$153,838	\$153,838	\$153,838	\$0	\$0	\$0	\$769,188		note -
31 Total Commodity Cost	\$9,882,642	\$9,020,798	\$10,324,630	\$30,249,609	\$67,331,912	\$81,032,374	\$99,084,808	\$73,545,389	\$66,471,812	\$25,795,839	\$13,673,843	\$6,651,378	\$493,065,033		
31 Distribution by Class															
32 Residential	\$3,209,247	\$4,267,863	\$4,543,042	\$17,414,984	\$39,208,580	\$45,922,850	\$58,583,790	\$42,027,002	\$36,552,438	\$13,444,009	\$7,494,671	\$3,299,643	\$275,968,118		
33 Commercial - A	\$65.824	\$73,357	\$54.640	\$329,498	\$1,048,223	\$1,727,344	\$1,979,538	\$1,667,081	\$1,358,889	\$373,218	\$178,893	\$17.818	\$8.874.324		
34 Com/Industrial - B	\$183,546	\$218.684	\$292,464	\$1,022,840	\$3.016.138	\$4.178.968	\$4.802.167	\$3,899,019	\$3,306,177	\$980.185	\$490.607	\$191,207	\$22.582.002		
35 Com/Industrial - C	\$2,138,961	\$2,318,095	\$3,088,439	\$7,235,699	\$16,934,483	\$20,666,467	\$24,821,314	\$18,233,769	\$18,458,710	\$7,025,203	\$4,056,800	\$2.091,304	\$127,069,245		
36 Large General Service	\$84.213	\$81.002	\$138,290	\$259,110	\$277.895	\$412,696	\$462,273	\$513.158	\$339.099	\$206.975	\$115.128	\$81,999	\$2.971.837		
37 FIRM	\$5,681,791	\$6,959,001	\$8,116,875	\$26,262,131	\$60,485,318	\$72,908,325	\$90,649,082	\$66,340,029	\$60,015,313	\$22,029,590	\$12,336,100	\$5,681,971	\$437,465,526		
38 Small Volume Dual Fuel	\$657,207	\$678,860	\$907,866	\$2,855,397	\$4,105,687	\$4,578,136	\$5,005,091	\$4,146,604	\$3,780,968	\$2,178,747	\$791,842	\$456,843	\$30,143,246		
39 Large Volume Dual Fuel	\$3,543,644	\$1,382,937	\$1,299,890	\$1,132,081	\$2,740,906	\$3,545,913	\$3,430,635	\$3,058,756	\$2,675,532	\$1,587,502	\$545,902	\$512,564	\$25,456,261		
40 Total	\$9,882,642	\$9,020,798	\$10,324,630	\$30,249,609	\$67,331,912	\$81,032,374	\$99,084,808	\$73,545,389	\$66,471,812	\$25,795,839	\$13,673,843	\$6,651,378	\$493,065,033	_	
				-		-									

Data Source:
Lines 1-7: Monthly BW reports: Gas Cost Summary. (Actual billing for calendar month, no Unbilled adjustment)
Lines 8-17: Monthly ABC financial reports for sales volume, includes unbilled adjustment
Line 16: Sum of lines 14 through 16
Lines 17-26: Percents of System Gas Sales from lines 8-17
Lines 28-31: Direct Assignment of some storage costs to SVDF
Lines 38-31: Direct Assignment of some storage costs to SVDF
Lines 31-40: Commodity X % of class from lines 18-27; direct assignment to SVDF of costs from line 30

Commodity Cost Recovered by Class

COMMODITY	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	\$3,418,524	\$3,998,477	\$3,295,553	\$8,781,880	\$20,787,726	\$39,068,603	\$54,963,325	\$54,710,473	\$44,139,144	\$22,168,427	\$12,332,851	\$5,378,329	\$273,043,311
Commercial - A	\$60,141	\$64,543	\$53,396	\$159,276	\$513,801	\$1,264,874	\$1,819,317	\$2,020,246	\$1,644,437	\$741,866	\$358,224	\$101,197	\$8,801,318
Commercial/Industrial - B	\$206,960	\$219,390	\$202,705	\$518,983	\$1,495,803	\$3,245,999	\$4,534,534	\$4,843,409	\$3,970,831	\$1,846,820	\$924,514	\$362,039	\$22,371,988
Commercial/Industrial - C	\$2,209,403	\$2,339,455	\$2,138,541	\$3,982,563	\$8,947,772	\$17,090,322	\$23,521,312	\$24,104,729	\$21,068,844	\$11,146,477	\$6,701,716	\$3,112,373	\$126,363,507
Large Firm	\$72,428	\$73,757	\$76,263	\$142,305	\$212,216	\$310,555	\$529,429	\$610,758	\$363,140	\$272,452	\$188,537	\$126,002	\$2,977,843
FIRM - Cycle recovery	\$5,967,456	\$6,695,623	\$5,766,459	\$13,585,008	\$31,957,318	\$60,980,354	\$85,367,917	\$86,289,614	\$71,186,396	\$36,176,042	\$20,505,842	\$9,079,939	\$433,557,967
Small Volume Dual Fuel	\$581,087	\$614,334	\$915,696	\$2,565,345	\$3,769,727	\$5,003,540	\$5,415,231	\$4,643,710	\$3,048,485	\$2,014,792	\$882,349	\$502,842	\$29,957,139
Large Volume Dual Fuel	\$3,132,530	\$1,252,536	\$1,310,627	\$1,017,034	\$2,489,883	\$3,855,009	\$3,672,047	\$3,413,961	\$2,142,421	\$1,422,820	\$609,730	\$555,167	\$24,873,764
Cost of Gas Recovered	\$9,681,073	\$8,562,493	\$7,992,783	\$17,167,386	\$38,216,928	\$69,838,902	\$94,455,195	\$94,347,285	\$76,377,302	\$39,613,655	\$21,997,921	\$10,137,948	\$488,388,870
	Residential Commercial - A Commercial/Industrial - B Commercial/Industrial - C Large Firm FIRM - Cycle recovery Small Volume Dual Fuel Large Volume Dual Fuel	Residential \$3,418,524 Commercial - A \$60,141 Commercial/Industrial - B \$206,960 Commercial/Industrial - C \$2,209,403 Large Firm \$72,428 FIRM - Cycle recovery \$5,967,456 Small Volume Dual Fuel \$581,087 Large Volume Dual Fuel \$3,132,530	Residential \$3,418,524 \$3,998,477 Commercial - A \$60,141 \$64,543 Commercial/Industrial - B \$206,960 \$219,390 Commercial/Industrial - C \$2,209,403 \$2,339,455 Large Firm \$72,428 \$73,757 FIRM - Cycle recovery \$5,967,456 \$6,695,623 Small Volume Dual Fuel \$581,087 \$614,334 Large Volume Dual Fuel \$3,132,530 \$1,252,536	Residential \$3,418,524 \$3,998,477 \$3,295,553 Commercial - A \$60,141 \$64,543 \$53,396 Commercial/Industrial - B \$206,960 \$219,390 \$202,705 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 Large Firm \$72,428 \$73,757 \$76,263 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 Small Volume Dual Fuel \$581,087 \$614,334 \$915,696 Large Volume Dual Fuel \$3,132,530 \$1,252,536 \$1,310,627	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 Commercial - A \$60,141 \$64,543 \$53,396 \$159,276 Commercial/Industrial - B \$206,960 \$219,390 \$202,705 \$518,983 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 Large Firm \$72,428 \$73,757 \$76,263 \$142,305 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 \$13,585,008 Commercial Fuel \$581,087 \$614,334 \$915,696 \$2,565,345 Large Volume Dual Fuel \$3,132,530 \$1,252,536 \$1,310,627 \$1,017,034	Residential \$3,418,524 \$3,988,477 \$3,295,553 \$8,781,880 \$20,787,726 Commercial - A \$60,141 \$64,543 \$53,396 \$159,276 \$513,801 Commercial/Industrial - B \$206,960 \$219,390 \$202,705 \$518,983 \$1,495,803 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 \$8,947,772 Large Firm \$72,428 \$73,757 \$76,263 \$142,305 \$212,216 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 \$13,585,008 \$31,957,318 Commercial/Industrial - B \$28,087 \$614,334 \$915,696 \$2,565,345 \$3,769,727 Large Volume Dual Fuel \$3,132,530 \$1,252,536 \$1,310,627 \$1,017,034 \$2,489,883	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 Commercial - A \$60,141 \$64,543 \$53,396 \$159,276 \$513,801 \$1,264,874 \$0,000 \$219,390 \$202,705 \$518,983 \$1,495,803 \$3,245,999 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 \$8,947,772 \$17,090,322 Large Firm \$72,428 \$73,757 \$76,263 \$142,305 \$212,216 \$310,555 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 \$13,585,008 \$31,957,318 \$60,980,354 \$10,000 \$1,000	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 Commercial - A \$60,141 \$64,543 \$53,396 \$159,276 \$513,801 \$1,264,874 \$1,819,317 Commercial/Industrial - B \$206,960 \$219,390 \$202,705 \$518,983 \$1,495,803 \$3,245,999 \$4,534,534 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 \$8,947,772 \$17,090,322 \$23,521,312 Large Firm \$72,428 \$73,757 \$76,263 \$142,305 \$212,216 \$310,555 \$529,429 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 \$13,585,008 \$31,957,318 \$60,980,354 \$85,367,917 \$1,000 Poul Fuel \$581,087 \$614,334 \$915,696 \$2,565,345 \$3,769,727 \$5,003,540 \$5,415,231 Large Volume Dual Fuel \$3,132,530 \$1,252,536 \$1,310,627 \$1,017,034 \$2,489,883 \$3,855,009 \$3,672,047	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 \$54,710,473 Commercial - A \$60,141 \$64,543 \$53,396 \$159,276 \$513,801 \$1,264,874 \$1,819,317 \$2,020,246 Commercial/Industrial - B \$206,960 \$219,390 \$202,705 \$518,983 \$1,495,803 \$3,245,999 \$4,534,534 \$4,843,409 Commercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 \$8,947,772 \$17,090,322 \$23,521,312 \$24,104,729 Large Firm \$72,428 \$73,757 \$76,263 \$142,305 \$212,216 \$310,555 \$529,429 \$610,758 FIRM - Cycle recovery \$5,967,456 \$6,695,623 \$5,766,459 \$13,585,008 \$31,957,318 \$60,980,354 \$85,367,917 \$86,289,614 \$100,000 Commercial/Industrial - B \$206,960 \$2,565,345 \$3,769,727 \$5,003,540 \$5,415,231 \$4,643,710 Commercial/Industrial - B \$3,132,530 \$1,252,536 \$1,310,627 \$1,017,034 \$2,489,883 \$3,855,009 \$3,672,047 \$3,413,961	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 \$54,710,473 \$44,139,144 \$00mmercial - A \$60,141 \$64,543 \$53,396 \$159,276 \$513,801 \$1,264,874 \$1,819,317 \$2,020,246 \$1,644,437 \$1,00mmercial/Industrial - B \$206,960 \$219,390 \$202,705 \$518,983 \$1,495,803 \$3,245,999 \$4,534,534 \$4,843,409 \$3,970,831 \$1,00mmercial/Industrial - C \$2,209,403 \$2,339,455 \$2,138,541 \$3,982,563 \$8,947,772 \$17,090,322 \$23,521,312 \$24,104,729 \$21,068,844 \$1,819,817 \$1,000,832 \$1,000,833 \$1,	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 \$54,710,473 \$44,139,144 \$22,168,427 \$10,000 \$1,000	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 \$54,710,473 \$44,139,144 \$22,168,427 \$12,332,851 \$1,000 \$1,264,874 \$1,819,317 \$2,020,246 \$1,644,437 \$741,866 \$358,224 \$1,000 \$2,	Residential \$3,418,524 \$3,998,477 \$3,295,553 \$8,781,880 \$20,787,726 \$39,068,603 \$54,963,325 \$54,710,473 \$44,139,144 \$22,168,427 \$12,332,851 \$5,378,329 \$101,197 \$12,000 \$100 \$100 \$100 \$100 \$100 \$100 \$100

11 Line Explanation:

12 Lines 1 -6

Commodity Gas Cost recovered - from BW month-end Gas Sales Summary report (Excludes unbilled adjustment) Commodity Gas Cost recovered from True-Up calculation worksheet Total Commodity Gas Cost Recovered

13 Line 8 and 9

14 Line 10

Commodity Cost Incurred vs. Recovered by Class

15	Difference	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
16	·													
17	Residential	\$209,277	(\$269,386)	(\$1,247,489)	(\$8,633,103)	(\$18,420,854)	(\$6,854,247)	(\$3,620,465)	\$12,683,471	\$7,586,706	\$8,724,418	\$4,838,179	\$2,078,685	(\$2,924,808)
18	Commercial - A	(\$5,683)	(\$8,814)	(\$1,244)	(\$170,222)	(\$534,422)	(\$462,470)	(\$160,221)	\$353,165	\$285,548	\$368,648	\$179,330	\$83,379	(\$73,006)
19	Commercial/Industrial - B	\$23,414	\$706	(\$89,758)	(\$503,857)	(\$1,520,335)	(\$932,969)	(\$267,633)	\$944,390	\$664,654	\$866,635	\$433,908	\$170,832	(\$210,014)
20	Commercial/Industrial - C	\$70,442	\$21,360	(\$949,898)	(\$3,253,136)	(\$7,986,711)	(\$3,576,144)	(\$1,300,002)	\$5,870,960	\$2,610,134	\$4,121,274	\$2,644,916	\$1,021,069	(\$705,738)
	Large General Firm	(\$11,785)	(\$7,245)	(\$62,026)	(\$116,805)	(\$65,678)	(\$102,141)	\$67,156	\$97,600	\$24,041	\$65,477	\$73,409	\$44,002	\$6,006
21	FIRM - Cycle recovery	\$285,665	(\$263,378)	(\$2,350,415)	(\$12,677,124)	(\$28,528,000)	(\$11,927,971)	(\$5,281,165)	\$19,949,586	\$11,171,083	\$14,146,452	\$8,169,743	\$3,397,968	(\$3,907,559)
23	Small Volume Dual Fuel	(\$76,120)	(\$64,525)	\$7,831	(\$290,052)	(\$335,960)	\$425,403	\$410,140	\$497,105	(\$732,483)	(\$163,954)	\$90,507	\$45,999	(\$186,107)
24	Large Volume Dual Fuel	(\$411,114)	(\$130,401)	\$10,737	(\$115,047)	(\$251,023)	\$309,096	\$241,412	\$355,205	(\$533,111)	(\$164,681)	\$63,828	\$42,603	(\$582,497)
25	Net Difference Over/ (Under)	(\$201,569)	(\$458,305)	(\$2,331,847)	(\$13,082,223)	(\$29,114,984)	(\$11,193,472)	(\$4,629,613)	\$20,801,896	\$9,905,490	\$13,817,816	\$8,324,078	\$3,486,570	(\$4,676,163)

Demand / Propane Gas Costs Recovered by Class

Line No.	DEMAND	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
	1 Residential	\$1.025.127	\$1.168.440	\$926.049	\$2.695.250	\$5.441.745	\$6.532.373	\$8,224,670	\$9.118.349	\$9.008.804	\$6.153.197	\$4.818.819	\$2.371.812	\$57,484,637
	2 Commercial - A	\$18,674	\$18,820	\$15,107	\$48,532	\$134,057	\$212,183	\$272,705	\$336,245	\$332,438	\$202,363	\$133,405	\$45,282	\$1,769,810
	3 Commercial/Industrial - B	\$61,774	\$64,093	\$56,325	\$158,410	\$397,417	\$547,902	\$679,031	\$803,705	\$800,764	\$501,593	\$347,891	\$160,379	\$4,579,285
	4 Commercial/Industrial - C	\$654,944	\$683,140	\$597,738	\$1,204,931	\$2,445,982	\$2,932,301	\$3,530,815	\$3,981,548	\$4,196,685	\$2,975,425	\$2,404,899	\$1,336,003	\$26,944,411
	5 FIRM	\$1,760,519	\$1,934,493	\$1,595,219	\$4,107,124	\$8,419,201	\$10,224,760	\$12,707,220	\$14,239,847	\$14,338,692	\$9,832,577	\$7,705,014	\$3,913,476	\$90,778,143
	6 Large General Service													
	9 LGS Demand Recovery	\$27,474	\$27,474	\$27,474	\$31,763	\$31,763	\$31,459	\$31,459	\$31,324	\$31,324	\$31,054	\$31,054	\$31,505	\$365,124
	10 Total Demand Recovery	\$1,787,993	\$1,961,967	\$1,622,692	\$4,138,887	\$8,450,964	\$10,256,219	\$12,738,680	\$14,271,170	\$14,370,015	\$9,863,631	\$7,736,068	\$3,944,981	\$91,143,267

Line Explanation: Lines 1 -5 Line 6 - 9

Commodity Gas Cost recovered - from BW month-end Gas Sales Summary report (Excludes unbilled adjustment) LGS: Demand recovery rate
Total Demand Gas Cost Recovered

Line 10

Distribution of Over/Under Recovery by class

Line No.	Cost by Class	Total Cost Recovered (pages 5 and 6)	Cost Incurred (page 3)	Over/Under Recovery (to page 11)
	Residential			
1	Commodity Costs	\$273,043,311	\$275,968,118	(\$2,924,808)
2	Demand Costs	\$57,484,637	\$59,166,021	(\$1,681,384)
3	Propane Costs	\$0	\$778,068	(\$778,068)
4	Total Over/(Under)	\$330,527,948	\$335,912,207	(\$5,384,260)
	Com-A and Com/Ind-B			
5	Commodity Costs	\$31,173,306	\$31,456,326	(\$283,020)
6	Demand Costs	\$6,349,095	\$6,651,672	(\$302,577)
7	Propane Costs	\$0	\$87,473	(\$87,473)
8	Total Over/(Under)	\$37,522,401	\$38,195,471	(\$673,070)
	Com/Ind C			
9	Commodity Costs	\$126,363,507	\$127,069,245	(\$705,738)
10	Demand Costs	\$26,944,411	\$27,598,248	(\$653,838)
11	Propane Costs	\$0	\$362,933	(\$362,933)
12	Total Over/(Under)	\$153,307,918	\$155,030,427	(\$1,722,509)
	Large General Service			
13	Commodity Costs	\$2,977,843	\$2,971,837	\$6,006
14	Demand Costs	\$365,124	\$430,228	(\$65,103)
15	Propane Costs	\$0	\$5,655	(\$5,655)
16	Total Over/(Under)	\$3,342,967	\$3,407,720	(\$64,752)
	Small Volume Dual Fuel			
17	Commodity Costs	\$29,957,139	\$30,143,246	(\$186,107)
18	Demand Costs	\$0	\$0	\$0
19	Propane Costs	\$0	\$0	\$0
20	Total Over/(Under)	\$29,957,139	\$30,143,246	(\$186,107)
	Large Volume Dual Fuel			
21	Commodity Costs	\$24,873,764	\$25,456,261	(\$582,497)
22	Demand Costs	\$0	\$0	\$0
23	Propane Costs	\$0	\$0	\$0
24	Total Over/(Under)	\$24,873,764	\$25,456,261	(\$582,497)
	TOTAL			
25	Commodity Costs	\$488,388,870	\$493,065,033	(\$4,676,163)
26	Demand Costs	\$91,143,267	\$93,846,169	(\$2,702,901)
27	Propane Costs	\$0	\$1,234,131	(\$1,234,131)
28	Total Over/(Under)	\$579,532,137	\$588,145,332	(\$8,613,195)

Note: Base propane rate is incorporated with the demand cost recovery rate.

Line Explanation:

Lines 1,5,9,13,17,21, 25 Lines 2,3,6,7,10,11,14,15,18,19, 22,23,26, and 27 Lines 4,8,12,16,20, 24 and 28

Commodity costs incurred and recovered from pages 4 & 5 Demand and propane costs recovered from page 6 Demand and propane costs incurred from page 3 Sum Total by class

Summary of Recovery for 2018-2019 Over/Under Collection

Cycle	Beginning	Prorated										Estimated	Estimated
Sales (Therms)	Bal 9/1/2018	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
RESID Volumes(therms) GCR Factor Recovery BALANCE	0.03620 (24,847,931)	11,580,695 \$0.0244 \$282,511 (\$24,565,421)	30,604,380 \$0.03606 \$1,103,744 (\$23,461,677)	66,542,316 \$0.03620 \$2,408,893 (\$21,052,784)	101,183,706 \$0.03620 \$3,662,753 (\$17,390,031)	127,552,553 \$0.03620 \$4,617,408 (\$12,772,624)	141,413,068 \$0.03620 \$5,119,273 (\$7,653,350)	130,927,063 \$0.03620 \$4,739,646 (\$2,913,705)	75,911,757 \$0.03620 \$2,748,369 (\$165,336)	49,324,104 \$0.03620 \$1,785,612 \$1,620,276	23,338,158 \$0.03620 \$844,876 \$2,465,152	14,289,970 \$0.03620 \$517,297 \$2,982,448	14,299,490 \$0.0362 \$517,642 \$3,500,090
COM A Volumes(therms) GCR Factor Recovery	0.03620	167,279 \$0.0251 \$4,193	515,103 \$0.03924 \$20,214	1,629,296 \$0.03656 \$59,567	3,280,671 \$0.03621 \$118,788	4,228,738 \$0.03615 \$152,884	5,213,953 \$0.03620 \$188,733	4,847,053 \$0.03620 \$175,479	2,517,842 \$0.03617 \$91,072	1,394,417 \$0.03619 \$50,470	444,516 \$0.03620 \$16,090	253,120 \$0.03620 \$9,163	236,700 \$0.03620 \$8,569
C/I B Volumes(therms) GCR Factor Recovery	0.03620	707,781 \$0.0222 \$15,696	1,811,543 \$0.03581 \$64,873	4,812,841 \$0.03620 \$174,227	8,460,659 \$0.03620 \$306,278	10,528,774 \$0.03620 \$381,125	12,463,378 \$0.03620 \$451,149	11,688,443 \$0.03617 \$422,819	6,260,053 \$0.03619 \$226,530	3,625,754 \$0.03620 \$131,254	1,569,090 \$0.03620 \$56,799	1,157,150 \$0.03620 \$41,889	1,090,530 \$0.03620 \$39,477
C/I-A&B BALANCE	(\$5,273,003)	(\$5,253,114)	(\$5,168,027)	(\$4,934,233)	(\$4,509,168)	(\$3,975,159)	(\$3,335,277)	(\$2,736,980)	(\$2,419,378)	(\$2,237,653)	(\$2,164,765)	(\$2,113,713)	(\$2,065,667)
C/I C Volumes(therms) GCR Factor Recovery Balance	0.03620 (\$10,216,485)	7,492,297 \$0.0221 \$165,670 (\$10,050,814)	13,927,613 \$0.03578 \$498,328 (\$9,552,487)	29,030,299 \$0.03613 \$1,048,815 (\$8,503,672)	45,084,436 \$0.03616 \$1,630,345 (\$6,873,326)	54,657,880 \$0.03610 \$1,973,248 (\$4,900,079)	61,740,745 \$0.03618 \$2,233,516 (\$2,666,562)	61,593,003 \$0.03617 \$2,228,047 (\$438,515)	37,447,498 \$0.03616 \$1,354,085 \$915,571	25,563,752 \$0.03618 \$924,949 \$1,840,519	13,208,491 \$0.03629 \$479,336 \$2,319,855	8,201,080 \$0.03620 \$296,879 \$2,616,734	8,061,350 \$0.03620 \$291,821 \$2,908,555
SMALL FIRM BAL	(\$40,337,418)	(\$39,869,349)	(\$38,182,191)	(\$34,490,690)	(\$28,772,526)	(\$21,647,861)	(\$13,655,190)	(\$6,089,199)	(\$1,669,143)	\$1,223,142	\$2,620,242	\$3,544,423	\$4,342,977
LV Firm- Volumes GCR Factor Recovery Balance	0.02643	268,216 0.02611 \$7,003 (\$158,584)	504,375 0.02643 \$13,331 (\$145,254)	733,037 0.02643 \$19,374 (\$125,880)	895,243 0.02643 \$23,661 (\$102,218)	1,179,480 0.02580 \$30,435 (\$71,783)	1,485,573 0.02590 \$38,473 (\$33,310)	1,030,939 0.02643 \$27,248 (\$6,063)	892,472 0.02643 \$23,588 \$17,525	713,533 0.02643 \$18,859 \$36,384	560,110 0.02643 \$14,804 \$51,188	293,820 0.02643 \$7,766 \$58,953	303,420 \$0.0264 \$8,019 \$66,973
SV Dual Fuel - Volumes GCR Factor Recovery Balance	0.02161 (\$1,752,577)	2,214,963 \$0.01509 \$33,424 (\$1,719,153)	3,224,242 \$0.02161 \$69,676 (\$1,649,477)	8,817,704 \$0.02159 \$190,409 (\$1,459,068)	10,346,016 \$0.02160 \$223,508 (\$1,235,560)	10,912,198 \$0.02160 \$235,694 (\$999,867)	12,069,912 \$0.02161 \$260,850 (\$739,017)	12,145,774 \$0.02176 \$264,246 (\$474,771)	10,697,675 \$0.02145 \$229,483 (\$245,288)	6,741,260 \$0.02161 \$145,678 (\$99,609)	4,003,326 \$0.02160 \$86,458 (\$13,152)	2,087,390 \$0.02161 \$ 45,108 \$31,957	2,021,890 \$0.02161 \$ 43,693 \$75,650
LV Dual Fuel Volumes GCR Factor Recovery Balance	0.02376 (\$1,434,470) \$	4,588,283 \$0.00402 \$18,445 (1,416,025) \$	4,558,128 \$0.02376 \$108,301 (1,307,724)	3,502,082 \$0.02376 \$83,209 \$ (1,224,515) \$	7,208,989 \$0.02376 \$171,286 (1,053,229)	8,532,478 \$0.02376 \$202,732 \$ (850,497)	9,029,020 \$0.02376 \$214,530 \$ (635,968) \$	9,280,736 \$0.02376 \$220,510 (415,458) \$	7,008,256 \$0.02376 \$166,516 (248,941) \$	5,484,811 \$0.02376 \$130,319 (118,622) \$	2,652,682 \$0.02342 \$62,132 (56,490)	3,944,290 \$0.02376 \$93,716 \$37,227	4,166,480 \$0.02376 \$ 98,996 \$136,222
Recovery GCR GCR Balance	(\$43,690,053)	\$526,941 (\$43,163,112)	\$1,878,466 (\$41,284,646)	\$3,984,494 (\$37,300,152)	\$6,136,618 (\$31,163,533)	\$7,593,525 (\$23,570,008)	\$8,506,523 (\$15,063,485)	\$8,077,994 (\$6,985,491)	\$4,839,644 (\$2,145,847)	\$3,187,141 \$1,041,294	\$1,560,494 \$2,601,788	\$1,011,818 \$3,613,606	\$1,008,216 \$4,554,849
Balance	(\$43,690,053)	(\$43,163,112)	(\$41,284,646)	(\$37,300,152)	(\$31,163,533)	(\$23,570,008)	(\$15,063,485)	(\$6,985,491)	(\$2,145,847)	\$1,041,294	\$2,601,788	\$3,613,606	\$4,621,822

Allocation of Credits:

Demand Credit - Allocated by Firm Class sales only Commodity Credit - Allocated by Total Annual Sale by class

	Actual Calendar Sales	s (DT) - Pg. 4	
		Demand	Commodity
Residential	78,734,955	62.9%	55.7%
Com A	2,481,718	2.0%	1.8%
Com/Ind B	6,365,170	5.1%	4.5%
Com/Ind C	36,632,694	29.3%	25.9%
LGS	890,467	0.7%	0.6%
SVF	125,105,004	99.3%	
SVDF	8,558,884		6.1%
LVDF	7,579,599		5.4%
Total System	141,243,487		100.0%

2018-2019 OFF SYSTEM SALES

Credit to PGA

	Storage Exchange	Swing Sales	Point Exhanges	Total
	(demand)	(demand)	(commodity)	
Jul-18	\$0	\$0	\$17,024	\$17,024
Aug-18	\$0	\$0	\$553	\$553
Sep-18	\$0	\$0	\$2,071	\$2,071
Oct-18	\$0	\$0	\$1,247	\$1,247
Nov-18	\$0	\$0	\$77,372	\$77,372
Dec-18	\$0	\$0	\$87,343	\$87,343
Jan-19	\$0	\$0	\$111,864	\$111,864
Feb-19	\$0	\$0	-\$11,980	-\$11,980
Mar-19	\$0	\$0	\$70,687	\$70,687
Apr-19	\$0	\$0	\$3,952	\$3,952
May-19	\$0	\$0	\$0	\$0
Jun-19	\$0	\$0	\$0	\$0
YTD	\$0	\$0	\$360,133	\$360,133
Demand Commodity				\$0 \$360,133
				, ,

Allocation of Off-System Credit(s) to Rate Classes

•	` <u>De</u>	emand	Commodity	<u>Total</u>
Residential		\$0	\$200,753	\$200,753
Com A		\$0	\$6,328	\$6,328
Com/Ind B		\$0	\$16,229	\$16,229
Com/Ind C		\$0	\$93,404	\$93,404
LGS		\$0	\$2,270	\$2,270
SVF	\$	-		
SVDF		\$0	\$21,823	\$21,823
LVDF		\$0	\$19,326	\$19,326
Total	\$	-	\$360,133	\$360,133

Allocation of Other Credits

7		Balancing	
	Damages	Revenue	Curtailment
	(Commodity)	(Commodity)	(Demand)
Residential	\$13,397	\$398,043	\$612,185
Com A	\$422	\$12,546	\$19,296
Com/Ind B	\$1,083	\$32,179	\$49,491
Com/Ind C	\$6,233	\$185,196	\$284,829
LGS	\$152	\$4,502	\$6,924
SVF	\$21,287	\$632,467	\$972,724
SVDF	\$1,456	\$43,269	\$0
LVDF	\$1,290	\$38,319	\$0
Total	\$24,033	\$714,054	\$972,724

Twelve-Month Gas Cost Reconciliation Factor (GCR)

Line			Com-A		Small	Large		Small	Large	
No.		Residential Firm	Com/Ind-B Firm	Com/Ind-C Firm	Firm	General Service	FIRM	Volume Dual Fuel	Volume Dual Fuel	Total
1 2 3	Commodity Demand	(\$2,924,808) (\$2,459,452)	(\$283,020) (\$390,050)	(\$705,738) (\$1,016,771)	(\$3,913,565) (\$3,866,273)		(\$3,907,559) (\$3,937,032)		(\$582,497) \$0	(\$4,676,163) (\$3,937,032)
4	2017-2018 Over/(Under) TOTAL	(\$5,384,260)	(\$673,070)	(\$1,722,509)	(\$7,779,838)	(\$64,752)	(\$7,844,591)	(\$186,107)	(\$582,497)	(\$8,613,195)
5	Previous GCR (2017-2018)	\$3,500,090	(\$2,065,667)	\$2,908,555	\$4,342,978	\$66,973	\$4,409,951	\$75,650	\$136,222	\$4,621,823
6 7 8 9 10	Other Adjustments Curtailment Balancing Off System Sales Gas Loss Damage	\$612,185 \$398,043 \$200,753 \$13,397	\$68,787 \$44,725 \$22,557 \$1,505	\$284,829 \$185,196 \$93,404 \$6,233	\$965,801 \$627,965 \$316,714 \$21,135	\$6,924 \$4,502 \$2,270 \$152	\$972,724 \$632,467 \$318,985 \$21,287	\$0 \$43,269 \$21,823 \$1,456	\$0 \$38,319 \$19,326 \$1,290	\$972,724 \$714,054 \$360,133 \$24,033
11	2017-2018 Over/(Under)	(\$659,791)	(\$2,601,163)	\$1,755,708	(\$1,505,245)	\$16,068	(\$1,489,177)	(\$43,909)	(\$387,341)	(\$1,920,427)
12 13	Sales in Dekatherms Sales Service - Blizzard Forecast (9/19-8/20)	72,568,898	8,391,189	31,543,255	112,503,342	645,336	 	7,801,917	6,018,979	126,969,575
14	True-Up Factors (\$/DT)				0.0134	(\$0.0249)		\$0.0056	\$0.0644	

- NOTES:
 Commodity Cost Over/(Under) recovery (from page 7)
 Demand Cost Over/(Under) recovery (from page 7)
- 4 Current Year Gas Cost Balance (sum of lines 1 and 2)
- 5 Previous year GCR balance thru 8-2017 (July/Aug Estimated) from page 8

- 6 Other Adjustments
 7 Curtailment credits see page 12
 8 Balancing credits see page 12
 9 Off System Sales See allocation detail on page 13
 10 Gas Loss Damage see Exhibit 9, CPE filling for Docket G-008/AA-17-493
- 11 Sum of Lines 4 10
- 12,13 Sales volume estimates Uses 2017 Rate Case Regression Models output Sept 2017 to August 2018
- 14 Line 11 divided by Line 13 change sign to indicate surcharge of under recovery or credit for over recovery

Sales Forecast Model*

Residential	72,501,000
Comm/Ind A & B Comm/Ind C	8,387,000 37,069,000
Small Firm Total	117,957,000
LV Firm	1,485,000
SVDF-A & SVDF B - Sales Service	6,853,000
LVDF-Sales Service & Market Rate	6,996,000
Total	133,291,000

^{*} Reflects the 2019-2020 Revenue Model

Curtailment Penalty Revenue (Credit to Firm)

July 1, 2018 thru June 30, 2019

	Unauthorized		
	(therms)	Total	Penalty
November	0	\$0	\$0
December	0	\$0	\$0
January	65,884	\$1,246,823	\$972,724
February			\$0
March	0	\$0	\$0
Total Unauthorized Gas	65,884	\$1,246,823	\$972,724
	(Credit to PGA	\$972,724

Balancing Revenue

Daily Imbalance penalty revenue	\$281,413	thru 5/19
Daily Balancing Charge Service	\$432,642	thru 5/2019 billing
Total Balancing Revenue Credit	\$714.054	

Off-System Sales by Type **2018-2019**

Net Margin

			<u>Point</u>	
	Storage Exchange	Swing Sales	<u>Exhanges</u>	<u>Total</u>
	(demand)	(demand)	(commodity)	
July	\$0.00	\$0.00	\$18,522.00	\$18,522
August	\$0.00	\$0.00	\$602.00	\$602
September	\$0.00	\$0.00	\$2,253.00	\$2,253
October	\$0.00	\$0.00	\$1,357.00	\$1,357
November	\$0.00	\$0.00	\$84,182.76	\$84,183
December	\$0.00	\$0.00	\$95,031.11	\$95,031
January	\$0.00	\$0.00	\$121,710.79	\$121,711
February	\$0.00	\$0.00	-\$13,034.64	-\$13,035
March	\$0.00	\$0.00	\$76,908.72	\$76,909
April	\$0.00	\$0.00	\$4,300.00	\$4,300
May	\$0.00	\$0.00	\$0.00	\$0
June	\$0.00	\$0.00	\$0.00	\$0
YTD	\$0	\$0	\$369,099	\$369,099

Credit to PGA

			<u>Point</u>	
	Storage Exchange	Swing Sales	<u>Exhanges</u>	<u>Total</u>
July	\$0	\$0	\$17,024	17,024
August	\$0	\$0	\$553	553
September	\$0	\$0	\$2,071	2,071
October	\$0	\$0	\$1,247	1,247
November	\$0	\$0	\$77,372	77,372
December	\$0	\$0	\$87,343	87,343
January	\$0	\$0	\$111,864	111,864
February	\$0	\$0	-\$11,980	-11,980
March	\$0	\$0	\$70,687	70,687
April	\$0	\$0	\$3,952	3,952
May	\$0	\$0	\$0	0
June	\$0	\$0	\$0	0
YTD	\$0	\$0	\$360,133	\$360,133

	Demand	Commodity
Credit:	\$0	\$360,133

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Aafedt	daafedt@winthrop.com	Winthrop & Weinstine, P.A.	Suite 3500, 225 South Sixth Street Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_15-424_PUC Official
Tamie A.	Aberle	tamie.aberle@mdu.com	Great Plains Natural Gas Co.	400 North Fourth Street Bismarck, ND 585014092	Electronic Service	No	OFF_SL_15-424_PUC Official
Kenneth	Baker	Ken.Baker@walmart.com	Wal-Mart Stores, Inc.	2001 SE 10th St. Bentonville, AR 72716-5530	Electronic Service	No	OFF_SL_15-424_PUC Official
Ryan	Barlow	Ryan.Barlow@ag.state.mn. us	Office of the Attorney General-RUD	445 Minnesota Street Bremer Tower, Suite 1 St. Paul, Minnesota 55101	Electronic Service 400	No	OFF_SL_15-424_PUC Official
James J.	Bertrand	james.bertrand@stinson.co m	Stinson Leonard Street LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-424_PUC Official
Brenda A.	Bjorklund	brenda.bjorklund@centerp ointenergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-424_PUC Official
Villiam A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street Nor St. Paul, MN 55101	Electronic Service th	No	OFF_SL_15-424_PUC Official
C. lan	Brown	office@gasworkerslocal340 .com	United Association	Gas Workers Local 340 312 Central Ave SW Minneapolis, MN 55414	Electronic Service	No	OFF_SL_15-424_PUC Official
ames	Canaday	james.canaday@ag.state. mn.us	Office of the Attorney General-RUD	Suite 1400 445 Minnesota St. St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_15-424_PUC Official
Steve W.	Chriss	Stephen.chriss@walmart.c	Wal-Mart	2001 SE 10th St. Bentonville, AR 72716-5530	Electronic Service	No	OFF_SL_15-424_PUC Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN	Electronic Service	Yes	OFF_SL_15-424_PUC Official
				55101			
Leigh	Currie	Icurrie@mncenter.org	Minnesota Center for Environmental Advocacy	26 E. Exchange St., Suite 206 St. Paul, Minnesota 55101	Electronic Service	No	OFF_SL_15-424_PUC Official
lan	Dobson	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	Yes	OFF_SL_15-424_PUC Official
Marie	Doyle	marie.doyle@centerpointen ergy.com	CenterPoint Energy	505 Nicollet Mall P O Box 59038 Minneapolis, MN 554590038	Electronic Service	No	OFF_SL_15-424_PUC Official
Ronald B.	Edelstein	ron.edelstein@gastechnolo gy.org	GTI	1700 S Mount Prospect Rd Des Plains, IL 60018	Electronic Service	No	OFF_SL_15-424_PUC 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_15-424_PUC Official
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_15-424_PUC Official
Kimberly	Hellwig	kimberly.hellwig@stoel.co m	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-424_PUC Official
Annete	Henkel	mui@mnutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St.Paul, MN 55101	Electronic Service	No	OFF_SL_15-424_PUC Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Bruce L.	Hoffarber	bhoffarber@usenergyservic es.com	U.S. Energy Services, Inc.	605 Highway 169 N Ste 1200 Plymouth, MN 55441	Electronic Service	No	OFF_SL_15-424_PUC Official
Mary	Holly	mholly@winthrop.com	Winthrop & Weinstine, P.A.	225 S Sixth St Ste 3500 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-424_PUC Official
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Nicolle	Kupser	nkupser@greatermngas.co m	Greater Minnesota Gas, Inc.	202 South Main Street P.O. Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_15-424_PUC Official
Roger	Leider	roger@mnpropane.org	Minnesota Propane Association	PO Box 220 209 N Run River Dr Princeton, MN 55371	Electronic Service	No	OFF_SL_15-424_PUC Official
Eric	Lipman	eric.lipman@state.mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 551640620	Electronic Service	No	OFF_SL_15-424_PUC Official
Michael	Loeffler	mike.loeffler@nngco.com	Northern Natural Gas Co.	CORP HQ, 714 1111 So. 103rd Street Omaha, NE 681241000	Electronic Service	No	OFF_SL_15-424_PUC Official
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Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_15-424_PUC Official

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Greg	Palmer	gpalmer@greatermngas.co m	Greater Minnesota Gas, Inc.	PO Box 68 202 South Main Stree Le Sueur, MN 56058	Electronic Service	No	OFF_SL_15-424_PUC Official
LauraSue	Schlatter	LauraSue.Schlatter@state. mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 55164-0620	Paper Service	Yes	OFF_SL_15-424_PUC Official
Janet	Shaddix Elling	jshaddix@janetshaddix.co m	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Paper Service	Yes	OFF_SL_15-424_PUC Official
Peggy	Sorum	peggy.sorum@centerpointe nergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-424_PUC Official
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Samantha	Williams	swilliams@nrdc.org	Natural Resources Defense Council	20 N. Wacker Drive Ste 1600 Chicago, IL 60606	Electronic Service	No	OFF_SL_15-424_PUC 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_15-424_PUC Official
Jonathan	Wolfgram	Jonathan.Wolfgram@state. mn.us	Office of Pipeline Safety	Minnesota Department of Public Safety 445 Minnesota Street 147 St. Paul, MN 55101-1547	Electronic Service Suite	No	OFF_SL_15-424_PUC Official
Scott	Zemke	szemke@capsh.org	Community Action Partnership	of Suburban Hennepin 8800 Highway 7, Ste. St. Louis Park, MN 55426	Electronic Service 401	No	OFF_SL_15-424_PUC Official

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_17-285_17-285 Official CC Service List
Kristine	Anderson	kanderson@greatermngas.com	Greater Minnesota Gas, Inc.	202 S. Main Street Le Sueur, MN 56058	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Kenneth	Baker	Ken.Baker@walmart.com	Wal-Mart Stores, Inc.	2001 SE 10th St. Bentonville, AR 72716-5530	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Ryan	Barlow	Ryan.Barlow@ag.state.mn. us	Office of the Attorney General-RUD	445 Minnesota Street Bremer Tower, Suite 1 St. Paul, Minnesota 55101	Electronic Service 400	Yes	OFF_SL_17-285_17-285 Official CC Service List
Carolyn	Berninger	cberninger@mncenter.org	Minnesota Center for Environmental Advocacy	26 E. Exchange St., Suite 206 St. Paul, MN 55101	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
James J.	Bertrand	james.bertrand@stinson.co m	Stinson Leonard Street LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Brenda A.	Bjorklund	brenda.bjorklund@centerp ointenergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
William A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street Nor St. Paul, MN 55101	Electronic Service th	No	OFF_SL_17-285_17-285 Official CC Service List
Lizzie	Brodeen Kuo	lbrodeen-kuo@kennedy- graven.com	Kennedy & Graven	470 US Bank Plaza 200 S Sixth St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
C. Ian	Brown	office@gasworkerslocal340 .com	United Association	Gas Workers Local 340 312 Central Ave SW Minneapolis, MN 55414	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James	Canaday	james.canaday@ag.state. mn.us	Office of the Attorney General-RUD	Suite 1400 445 Minnesota St. St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Steve W.	Chriss	Stephen.chriss@walmart.c	Wal-Mart	2001 SE 10th St. Bentonville, AR 72716-5530	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
lan	Dobson	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Marie	Doyle	marie.doyle@centerpointen ergy.com	CenterPoint Energy	505 Nicollet Mall P O Box 59038 Minneapolis, MN 554590038	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Ronald B.	Edelstein	ron.edelstein@gastechnolo gy.org	GTI	1700 S Mount Prospect Rd Des Plains, IL 60018	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Robert	Harding	robert.harding@state.mn.u s	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kimberly	Hellwig	kimberly.hellwig@stoel.co m	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Annete	Henkel	mui@mnutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St.Paul, MN 55101	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Katherine	Hinderlie	katherine.hinderlie@ag.stat e.mn.us	Office of the Attorney General-DOC	445 Minnesota St Suite 1800 St. Paul, MN 55101-2134	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Bruce L.	Hoffarber	bhoffarber@usenergyservic es.com	U.S. Energy Services, Inc.	605 Highway 169 N Ste 1200 Plymouth, MN 55441	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Mary	Holly	mholly@winthrop.com	Winthrop & Weinstine, P.A.	225 S Sixth St Ste 3500 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Linda	Jensen	linda.s.jensen@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN 551012134	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Nicolle	Kupser	nkupser@greatermngas.co m	Greater Minnesota Gas, Inc.	202 South Main Street P.O. Box 68 Le Sueur, MN 56058	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Roger	Leider	roger@mnpropane.org	Minnesota Propane Association	PO Box 220 209 N Run River Dr Princeton, MN 55371	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Eric	Lindberg	elindberg@mncenter.org	Minnesota Center for Environmental Advacacy	26 E Exchange St Ste 206 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Michael	Loeffler	mike.loeffler@nngco.com	Northern Natural Gas Co.	CORP HQ, 714 1111 So. 103rd Street Omaha, NE 681241000	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Peter	Madsen	peter.madsen@ag.state.m n.us	Office of the Attorney General-DOC	Bremer Tower, Suite 1800 445 Minnesota Street St. Paul, Minnesota 55101	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Joseph	Meyer	joseph.meyer@ag.state.mn .us	Office of the Attorney General-RUD	Bremer Tower, Suite 1400 445 Minnesota Street St Paul, MN 55101-2131	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Andrew	Moratzka	andrew.moratzka@stoel.co m	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Samantha	Norris	samanthanorris@alliantene rgy.com	Interstate Power and Light Company	200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Mike	OConnor	moconnor@ibewlocal949.o rg	Local 949 IBEW	12908 Nicollet Ave S Burnsville, MN 55337	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Jeff	Oxley	jeff.oxley@state.mn.us	Office of Administrative Hearings	600 North Robert Street St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Greg	Palmer	gpalmer@greatermngas.co m	Greater Minnesota Gas, Inc.	PO Box 68 202 South Main Stree Le Sueur, MN 56058	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Adam	Pyles	adam.pyles@centerpointen ergy.com	CenterPoint Energy	800 LaSalle Avenue PO Box 59038 Minneapolis, MN 554590038	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206 St. Paul, MN 551011667	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
LauraSue	Schlatter	LauraSue.Schlatter@state. mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 55164-0620	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Elizabeth	Schmiesing	eschmiesing@winthrop.co m	Winthrop & Weinstine, P.A.	225 South Sixth Street Suite 3500 Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Janet	Shaddix Elling	jshaddix@janetshaddix.co m	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Paper Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Peggy	Sorum	peggy.sorum@centerpointe nergy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
James M.	Strommen	jstrommen@kennedy- graven.com	Kennedy & Graven, Chartered	470 U.S. Bank Plaza 200 South Sixth Stree Minneapolis, MN 55402	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Samantha	Williams	swilliams@nrdc.org	Natural Resources Defense Council	20 N. Wacker Drive Ste 1600 Chicago, IL 60606	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Joseph	Windler	jwindler@winthrop.com	Winthrop & Weinstine	225 South Sixth Street, Suite 3500 Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_17-285_17-285 Official CC Service List
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	No	OFF_SL_17-285_17-285 Official CC Service List
Jonathan	Wolfgram	Jonathan.Wolfgram@state. mn.us	Office of Pipeline Safety	Minnesota Department of Public Safety 445 Minnesota Street 147 St. Paul, MN 55101-1547	Electronic Service Suite	No	OFF_SL_17-285_17-285 Official CC Service List
Scott	Zemke	szemke@capsh.org	Community Action Partnership	of Suburban Hennepin 8800 Highway 7, Ste. St. Louis Park, MN 55426	Electronic Service 401	No	OFF_SL_17-285_17-285 Official CC Service List

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.st ate.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@centerpointen ergy.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.c om	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.co m	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.co m	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.stat e.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@centerpointe nergy.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@xcele nergy.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@wecenergygr oup.com	Minnesota Energy Resources Corporation (HOLDING)	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_19-401_AA-19- 401