



Decoupling Evaluation Report

Docket G-008/M-19-_____

Evaluation Period: 7/1/18 – 6/30/19

9/3/2019

Table of Contents

A. EXECUTIVE SUMMARY	3
B. TIMELINE FOR EVALUATION	8
C. EVALUATION OF CENTERPOINT ENERGY MINNESOTA GAS' COMMITMENT TO INCREASED ENERGY SAVINGS	9
D. REVENUE ACCRUED AND COLLECTED UNDER FULL REVENUE DECOUPLING	34
E. RELATED RATE AND CUSTOMER USAGE INFORMATION	45
F. OTHER INFORMATION	59
G. ATTACHMENT LIST	61

CenterPoint Energy Minnesota Gas Revenue Decoupling Rider Evaluation Report

A. EXECUTIVE SUMMARY

CenterPoint Energy Resources Corp, d/b/a/ CenterPoint Energy Minnesota Gas (CenterPoint Energy Minnesota Gas, CenterPoint Energy or the Company) submits this Evaluation Report for its Revenue Decoupling Rider (RD Rider) to the Minnesota Public Utilities Commission (Commission or PUC). In the Company's 2013 Rate Case,¹ the Commission authorized the Company to implement a full RD Rider.² In the Company's 2017 Rate Case,³ the Commission authorized the Company to implement a modified RD Rider.⁴

This Evaluation Report provides the information and analysis required in the Evaluation Plan. Additionally, we are providing an update on the efforts to communicate with customers about decoupling.

This Evaluation Report provides the data and supporting calculations for the decoupling adjustment factors that will be implemented on customer bills effective September 1, 2019. The actual customer count and sales volumes are used to calculate revenue. The revenue, referred to in the model as "non-gas margin" reflects the basic delivery charge and the base per-therm delivery charge less Conservation Improvement Program (CIP) and Gas Affordability Program (GAP) charges. The actual non-gas revenue is compared to the authorized revenue that results from the authorized number of customers and sales volumes in a rate class.⁵ Any excess revenue will be returned

¹ Docket No. G-008/GR-13-316

² Ordering Point 3 in the Commission's June 9, 2014 Order in Docket No. G-008/GR-13-316, CenterPoint Energy Minnesota Gas tariff book: Section V, page 28, 28.a

³ Docket No. G-008/GR-17-285

⁴ Ordering Point 1 in the Commission's July 20, 2018 Order in Docket No. G-008/GR-17-285, Docket No. G-008/GR-17-285, March 7, 2018 Offer of Settlement, page 26

⁵ As noted in the RD Rider tariff page (Section V, page 28.a paragraph 4), authorized revenue is determined to be the Authorized Revenue Per Customer multiplied by the actual Evaluation Period number of customers for the months of July 2018 – September 2019. The approved settlement in the 2017 Rate Case approved a change to calculate authorized revenue using actual customer count only. This change was effective October 1, 2017 which was the start of the test year in the 2017 Rate Case.

to customers, and any revenue shortfall, up to ten percent of non-gas margin including GAP, will be surcharged over the next 12-month period.

For the reporting period, July 2018 through June 2019, the Company incurred an overall revenue over collection of \$20,627,435, and over recovered by \$1,723,045 the \$13.8 million decoupling adjustment balance from the July 2017-June 2018 pilot year.⁶ Customers consumed more natural gas than anticipated due to colder weather, which resulted in greater bills overall. The decoupling adjustment surcharge allows the refund of the non-gas margins due to higher-than-expected sales. As a high-level estimate, residential customers used approximately 8.3 million more dekatherms than anticipated, and the average customer used 98.5 DT, while weather-normal use-per-customer (UPC) was expected to be 89.0 DT over the study period. The total decoupling refund for the residential class is about \$12.8 million, or about \$16.30 per customer.

Commitment to Conservation

CenterPoint Energy Minnesota Gas achieved a 129 percent increase in energy savings in 2018 over the pre-decoupling period.⁷ The Company has increased CIP expenditures by 302 percent as of 2018 over the pre-decoupling period and intends to continue to increase investment in conservation to increase energy savings.

CenterPoint Energy continually evaluates ways to improve its CIP offerings to achieve greater energy savings and better meet its customer needs. The Company's 2017-2019 CIP Triennial Plan, first implemented in January 2017, included new program offerings and technologies and consolidated and streamlined some existing projects for better ease of use. This placed an increased emphasis and directed additional resources toward program development. The 2017-2019 Triennial Plan includes approved budgets ranging from 275 percent (in 2017) to

⁶ Actual recovery through June 2019 plus an estimate for July and August 2019.

⁷ As explained in the Decoupling Compliance Filing, the pre-decoupling period is defined as the three years of the baseline period before any decoupling pilot was implemented: 2007 – 2009.

nearly 300 percent (in 2019) higher than CIP budgets in the pre-decoupling period⁸. Similarly, the 2017-2019 Triennial Plan sets annual energy savings goals between 91 percent (in 2017) to 107 percent (in 2019) higher than energy savings goals approved in the pre-decoupling period.

On July 1, 2019, CenterPoint Energy filed its 2020 CIP Plan as an extension of program year 2019 in the 2017-2019 Triennial Plan.⁹ While energy savings goals and CIP budgets in this plan are similar to 2019, the Company continues to improve its CIP offerings through additional program streamlining and offering new programs and technologies.¹⁰

Communication of Decoupling

In the June 9, 2014 *Order* in the 2013 rate case the Commission ordered CenterPoint Energy to work with interested stakeholders to develop and file a proposal for a “comprehensive, effective and meaningful education and outreach program that sets forth the goals of, and explains, revenue decoupling.”¹¹ On October 14, 2014 the Company filed its proposed *Full Revenue Decoupling Communication Plan*¹² (*Communication Plan*), which included a description of events and publications scheduled to take place through December 2016 during implementation of the Company’s approved revenue decoupling pilot program.¹³ The *Communication Plan* was approved in the March 23, 2015 Commission *Order* in the same docket.

⁸ For clarity of comparison, these figures do not include energy savings and program budgets associated with an unusually large custom efficiency project which was originally expected to complete in 2016 but experienced delays. The Deputy Commissioner approved an amendment to the Company’s 2016 and 2017 budget and energy savings goals to reflect the transfer of the expected spending and energy savings in February of 2017 (Docket No. G-008/CIP-16-119).

⁹ CenterPoint Energy filed its 2020 Conservation Improvement Program Plan *In the Matter of CenterPoint Energy’s 2017-2019 Natural Gas Conservation Improvement Program Triennial Plan*, Docket No. G008/CIP-16-119, (July 1, 2019).

¹⁰ The Department ordered CenterPoint Energy to extend the 2017-2019 Triennial using the same goals and budgets for 2020. *In the Matter of CenterPoint Energy’s 2017-2019 Natural Gas Conservation Improvement Program Triennial Plan*, Docket No. G-008/CIP-16-119, (Apr. 11, 2019).

¹¹ Ordering Point 3 in the Commission’s Order filed on June 9, 2014 in Docket No. G-008/GR-13-316.

¹² The *Full Revenue Decoupling Communication Plan* was filed as Attachment A in the October 14, 2014 *Compliance Filing* in Docket No. G-008/GR-13-316.

¹³ Page 10 of *Attachment 2* in the October 14, 2014 *Compliance Filing* includes a schedule of planned communication materials and events.

Prior to 2017, the Company's communication activities focused on introducing and educating customers to revenue decoupling. With completion of the steps laid out in the *Communication Plan*, in 2017 the Company transitioned to maintenance of existing communication of information about revenue decoupling for existing and new customers. CenterPoint Energy Minnesota Gas provides a summary of these ongoing communication activities in 2018:

- **New Customer Brochure:** All new CenterPoint Energy Minnesota Gas customers receive a welcome booklet, communicating important and required information. This booklet includes a description of the revenue decoupling portion of their bill.
- **CenterPoint Energy Minnesota Gas Website:** The Company maintains educational content on its website related to revenue decoupling. This content includes a landing page with a revenue decoupling introductory video, a revenue decoupling factsheet with contact information for customer questions, and a frequently asked questions page.
- **Training for Customer Service Representatives:** New Customer Service Representatives receive in-depth, instructor-led training about the Company's full revenue decoupling pilot program. This training helps customer service representatives respond to customer questions and concerns about revenue decoupling.

Additional details about these activities and already completed communication activities can be found filed in the Revenue Decoupling Communication Plan,¹⁴ the 2015-2016 Revenue Decoupling Communication Plan Update filed on September 1, 2016, and the 2016-2017 Revenue Decoupling Communication Plan update filed on September 1, 2017.

Expiration of Pilot Program

¹⁴ The *Full Revenue Decoupling Communication Plan* was filed as Attachment A in the October 14, 2014 *Compliance Filing* in Docket No. G-008/GR-13-316.

The June 9, 2014 Order authorized the full decoupling pilot for a three-year period which ended on June 30, 2018. In its 2017 Rate Case, the Company requested approval to continue the full decoupling program on a permanent basis. The Rate Case Order (July 20, 2018) approved the settlement agreement¹⁵ allowing decoupling on a permanent basis with modifications to the RD Rider model.

¹⁵ Docket No. G-008/GR-017-285 - March 7, 2018 – Offer of Settlement, H. Decoupling, page 26.

B. TIMELINE FOR EVALUATION

Approval of Full Decoupling

- June 9, 2014 – Commission ordered full-decoupling for CenterPoint Energy Minnesota Gas (Docket G-008/GR-13-316 – page 57, ordering point 3).
- October 14, 2014 – (60 days from order) CenterPoint Energy Minnesota Gas filed proposed Evaluation, Communication, and Implementation Plan (Decoupling Compliance Filing).
- February 18, 2015 – Letter accepting CenterPoint Energy Minnesota Gas’ proposed treatment of decoupling in a subsequent rate case was filed by the Department.
- March 23, 2015 – Commission Order accepting Decoupling Communication Plan. Plan requires annual evaluation report.
- March 31, 2015 – Commission Order accepting Decoupling Compliance Filing, including the proposal for updating the decoupling mechanism when potential future interim rates are in place.
- November 1, 2018 – Implementation of Final Rates made the Revenue Decoupling Rider permanent.

Pilot Year 3 Activity

- July 1, 2017 – the third Evaluation Period (7/1/17-6/30/18) begins.
- September 1, 2017 – The Company requests extension of the pilot program until such time as the Commission makes a final decision on decoupling in the 2017 rate case (Docket No. G-008/GR-17-285).
- September 26, 2017 - DOC Comments on Extension of RD Rider – recommend approval.
- February 15, 2018 - MPUC also approved the extension of the pilot program until the Commission makes a final decoupling determination in the Company’s 2017 Rate Case.
- March 7, 2018 – Offer of Settlement filed in the 17-285 Rate case, includes agreement to make RD Rider a regular feature of its tariffs. The Settlement Agreement modifies definition of “Allowed Revenues” to be the Authorized

Revenues per customer multiplied by the actual evaluation period number of customers, calculated each month of the evaluation period, and summed.”¹⁶

- June 30, 2018 – the third Evaluation Period (7/1/17 – 6/30/18) ends.
- July 20, 2018 – Order Accepting and adopting agreement setting rates, including the modifications to the RD Rider tariff.
- September 4, 2018 – the third Evaluation Report with final 2017-2018 results is submitted to the Commission by CenterPoint Energy Minnesota Gas, the decoupling adjustment factor (including the impact of reconciling the impact of the prior period) begins to appear on customer bills.
- October 29, 2018: DOC Comments on of RD Rider Evaluation report – recommends PUC accept CenterPoint Energy’s third decoupling report and approve adjustments for the July 2017 – June 2018 program year.
- January 9, 2019 - MPUC hearing accepted the DOC report and approved the decoupling factors. Ordered Company to file all future reports in their own separate dockets.
- January 14, 2019: PUC Order authorizing Year 3 billing factors.

July 2018 – June 2019 Evaluation Period

- September 3, 2019 – the fourth Evaluation Report with final 2018-2019 results is submitted to the Commission by CenterPoint Energy Minnesota Gas, the decoupling adjustment factor (including the impact of reconciling the impact of the prior period) begins to appear on customer bills.

¹⁶ G-008/GR-17-285, March 7, 2018, Page 26

C. EVALUATION OF CENTERPOINT ENERGY MINNESOTA GAS' COMMITMENT TO INCREASED ENERGY SAVINGS

This section compares energy conservation efforts in the pre-decoupling baseline period (defined as 2007 to 2009) and the post-decoupling evaluation period, discusses CIP expenditures and energy savings in the last calendar year, summarizes marketing and outreach efforts, and describes modifications to CenterPoint Energy's CIP that have been proposed or implemented during the evaluation period for this report.

Section C summarizes CenterPoint Energy's marketing and outreach efforts and includes overall CIP spending figures and a discussion of marketing strategy and tactics. The Company includes comparisons of marketing and outreach efforts to prior year efforts where appropriate. CenterPoint Energy will provide examples of individual marketing materials upon request.

The Company collects and reports conservation information on a calendar year basis for its annual status reports,¹⁷ and therefore data on CenterPoint Energy Minnesota Gas' conservation efforts included in the Full Decoupling Evaluation report follows a calendar year cut-off and not the July to June decoupling report period.

C-1) A comparison of the Company's annual CIP expenditures and resulting energy savings in the pre-decoupling baseline period to the expenditures and savings in the post-decoupling evaluation period, updated to include CIP expenditures and energy savings since the Company's most recent decoupling evaluation report, for the overall CIP portfolio, by program segment, and by customer rate class.

All the Company's customer rate classes and program segments have seen significantly increased investment and have generally enjoyed increased energy savings since the pre-decoupling period. The graphs and tables below provide more detailed information

¹⁷ CenterPoint Energy's 2018 Conservation Improvement Program Status Report Associated Compliance Filings, Docket No. G-008/CIP-16-119.04, et al., (May 1, 2019).

regarding the expenditure and energy savings increases by program segment and rate class. The Company achieved a 129 percent increase in energy savings in 2018 over the pre-decoupling period. Similarly, the Company increased CIP expenditures by 302 percent in 2018 over the pre-decoupling period. In 2017, an extraordinarily large custom project was a major contributor to the highest to-date energy savings for the commercial and industrial segment, and accounts for the decrease in savings between 2017 and 2018.¹⁸

CenterPoint Energy's residential and commercial & industrial (C&I) CIP segments both performed well in 2018. The energy savings goal for the residential segment was exceeded by about 10 percent with spending exceeding budget by about 9 percent. The energy savings goal for the C&I segment was exceeded by about 15 percent with spending being under budget by about 2 percent.

CenterPoint Energy intends to continue and increase investment in conservation and pursue increases in energy savings. Each year represented in the Company's approved 2017-2019 Triennial Plan has a higher energy saving goal and budget than the Company's 2016 goal and budget.

¹⁸ For more details see CenterPoint Energy's Corrected 2017 Conservation Improvement Program Status Report, 2017 Demand-Side Management Financial Incentive Report, Conservation Improvement Program Tracker Report, and 2017 Conservation Cost Recovery Adjustment Proposal Aggregated Compliance Filing, Docket No. G-008/CIP-16-119.03, et al., (May 18, 2018).

Graph C-1a: CIP Energy Savings (Dth) by Customer Segment

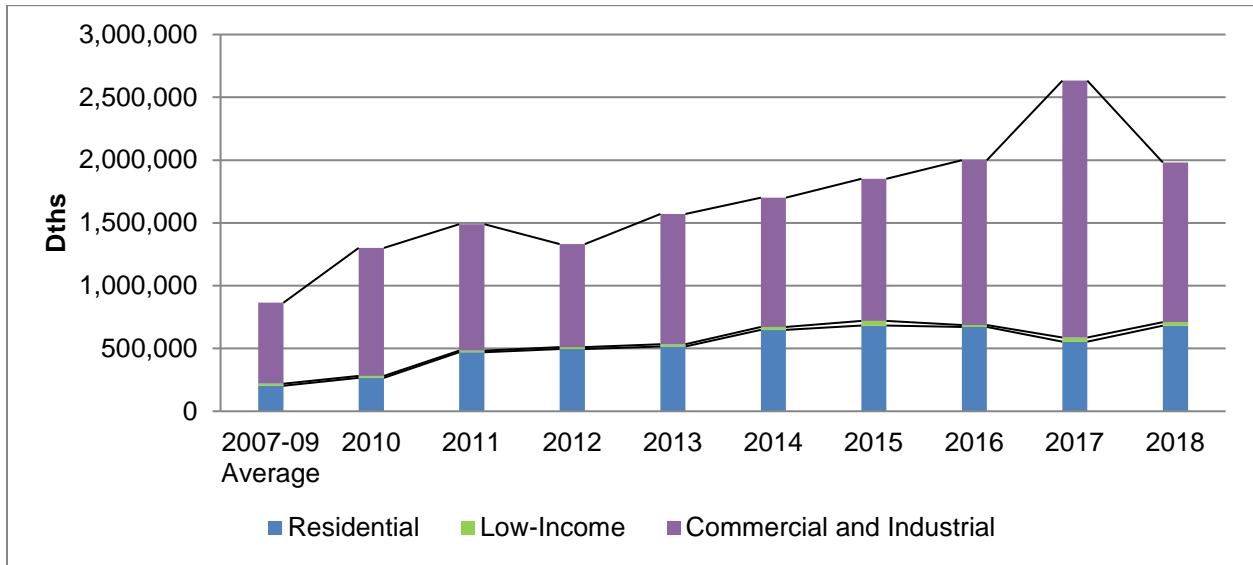


Table C-1a: CIP Energy Savings (Dth) by Customer Segment

Year/Period	Residential	Low-Income	Commercial and Industrial	Overall Program
2007-09 Average	203,100	16,199	644,424	863,723
2010	267,137	15,243	1,017,848	1,300,228
2011	469,107	14,693	1,004,431	1,488,231
2012	496,194	13,510	820,814	1,330,518
2013	515,946	17,075	1,037,790	1,570,810
2014	648,482	21,986	1,031,248	1,701,716
2015	682,540	36,937	1,132,452	1,851,930
2016	671,984	14,250	1,312,399	2,006,014
2017	554,411	32,397	2,045,737	2,632,545
2018	680,478	28,919	1,271,137	1,980,534
2018 Percent Change From 2007-09	235%	79%	97%	129%

Graph C-1b: CIP Energy Savings (Dth) by Rate Class

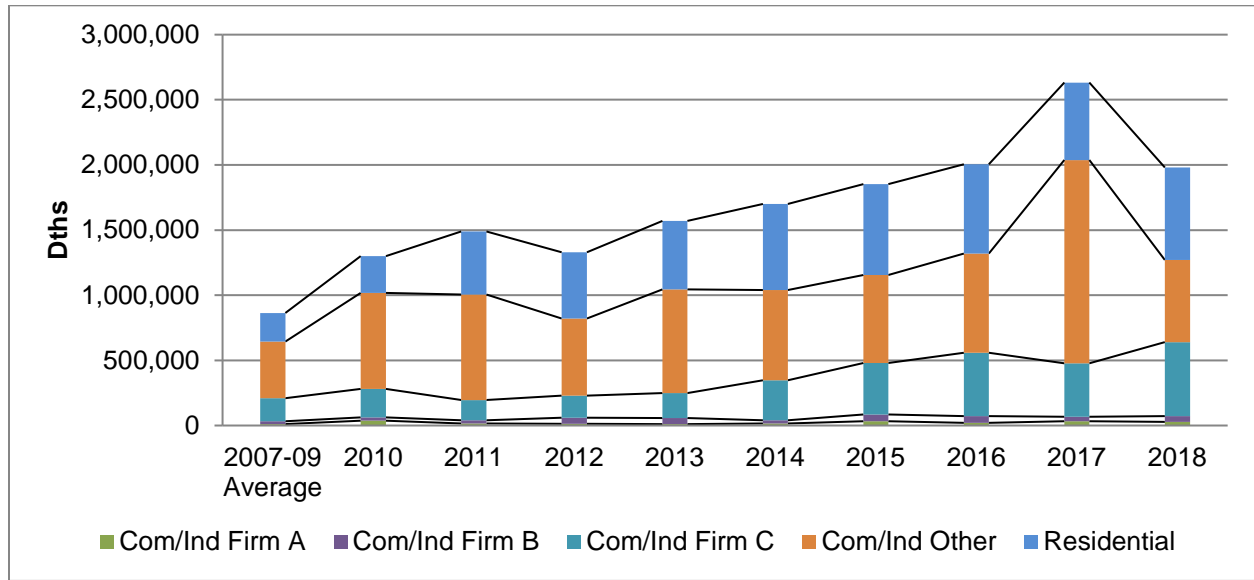


Table C-1b: CIP Energy Savings (Dth) by Rate Class

Year/Period	Residential	Com/Ind Firm A	Com/Ind Firm B	Com/Ind FirmC	Com/Ind Other
2007-09 Average	219,299	11,041	21,648	175,833	435,901
2010	282,380	36,941	26,080	216,897	737,930
2011	483,800	15,686	24,019	156,176	808,550
2012	509,704	12,269	48,434	168,813	591,297
2013	527,089	11,695	44,633	193,232	794,162
2014	661,303	15,334	24,954	305,799	694,327
2015	696,979	33,531	51,173	394,337	675,910
2016	685,065	21,722	50,871	486,744	761,612
2017	594,341	32,276	35,507	410,450	1,559,971
2018	708,736	28,325	42,846	568,983	631,644
2018 Percent Change From 2007-09	223%	157%	98%	224%	45%

Graph C-1c: Expenditures by Customer Segment

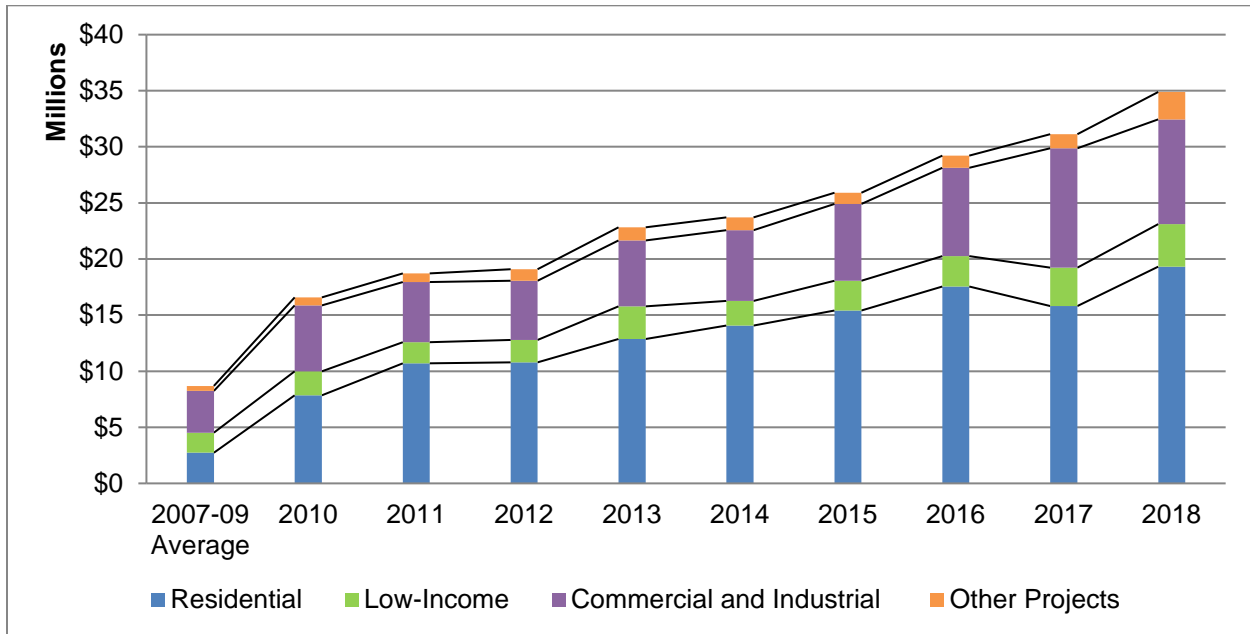


Table C-1c: Expenditures by Customer Segment

Year/Period	Residential	Low-Income	Commercial & Industrial	Other Projects	Overall Program
2007-09 Average	\$2,731,997	\$1,787,613	\$3,722,836	\$444,749	\$8,687,195
2010	\$7,861,852	\$2,121,325	\$5,886,263	\$705,297	\$16,574,737
2011	\$10,715,062	\$1,867,663	\$5,360,144	\$771,054	\$18,713,923
2012	\$10,801,865	\$1,977,250	\$5,278,953	\$1,033,732	\$19,091,800
2013	\$12,868,507	\$2,915,754	\$5,875,196	\$1,170,253	\$22,829,710
2014	\$14,054,870	\$2,207,285	\$6,314,013	\$1,125,353	\$23,701,520
2015	\$15,397,531	\$2,665,523	\$6,833,760	\$996,804	\$25,893,618
2016	\$17,546,421	\$2,701,799	\$7,873,273	\$1,107,040	\$29,228,533
2017	\$15,811,617	\$3,429,092	\$10,619,783	\$1,279,602	\$31,140,094
2018	\$19,318,054	\$3,792,484	\$9,336,812	\$2,440,970	\$34,888,321
2018 Percent Change From 2007-09	607%	112%	151%	449%	302%

C-2) For each year under consideration, energy savings from Company-sponsored CIP programs will be compared to the applicable three-year weather-normalized sales average at the portfolio level only, since the statutory savings goal is set at the portfolio level.

Minnesota Statute § 216B.241, subd. 1c requires utilities to propose energy savings goals of no less than one percent of sales and to calculate energy savings as a percent of retail sales based on the most recent three-year, weather-normalized average.¹⁹

The following graphs and tables show CenterPoint Energy's annual energy savings achievements as a percent of weather-normalized sales from 2007 to 2018. The first graph and table show energy savings achievements as a percent of ten-year weather-normalized sales, and the second graph and table show energy savings achievements as a percent of twenty-year weather-normalized sales. The Company uses a ten-year period to weather-normalize sales figures reported in its Jurisdictional Annual Reports and CIP Triennial Plans and Status Reports. The savings as a percent of twenty-year weather-normalized sales are provided in compliance with the December 28, 2016 Order in the 2013 Rate Case. In 2018, the Company surpassed the one percent savings goal and achieving energy savings of roughly 1.4 percent of weather-normalized sales.

¹⁹ Legislation passed in 2009 provided for a "ramp-up" period during which the Department of Commerce had the authority to approve a natural gas CIP Triennial Plan for the 2010-2012 triennium that did not reach the one percent level, provided it followed the ramp-up path. MN Session Laws 2009 Chapter 110, Section 32.

Graph C-2a: CIP Energy Savings as a Percent of Ten-Year Weather-Normalized Sales (based on the applicable three-year average)

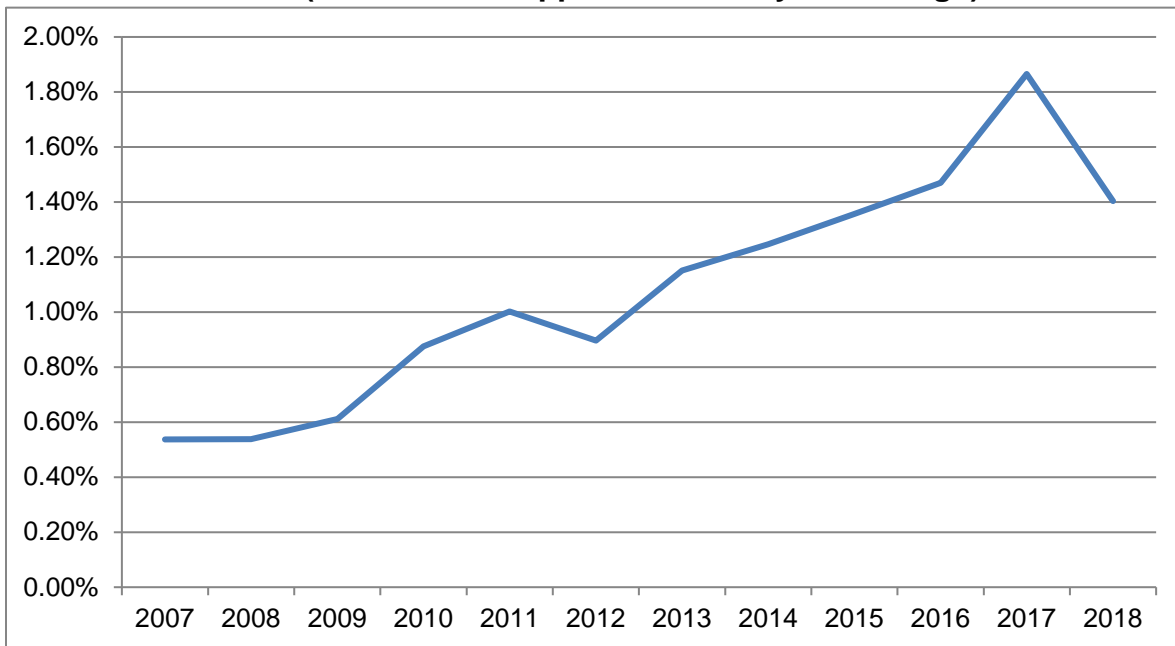


Table C-2a: CIP Energy Savings as a Percent of Ten-Year Weather-Normalized Sales (based on the applicable three-year average²⁰)

CIP Plan Period	Year	The applicable 3-year average 10-year weather normalized sales (Dth)	Annual energy savings (Dth)	Energy savings as a percent of sales
2007-2008 Biennial Period	2007	153,605,433	825,030	0.54%
	2008	153,605,433	827,340	0.54%
Extension of 2007-2008 Biennial	2009	153,605,433	938,798	0.61%
2010-2012 Triennial Period	2010	148,502,961	1,300,228	0.88%
	2011	148,502,961	1,488,231	1.00%
	2012	148,502,961	1,330,518	0.90%
2013-2016 Triennial Period	2013	136,490,212	1,570,810	1.15%
	2014	136,490,212	1,701,716	1.25%
	2015	136,490,212	1,851,930	1.36%
Extension of 2013-2015 Triennial	2016	136,490,212	2,006,014	1.47%
2017-2019 Triennial Period	2017	141,120,375	2,632,545	1.87%
	2018	141,120,375	1,980,534	1.40%

²⁰ Minnesota Statute §216B.241, subd. 1c requires utilities to propose energy savings goals of no less than one percent of sales. Statute requires that energy savings as a percent of retail sales be calculated based on the most recent three-year, weather-normalized average. This requirement did not exist prior to 2010. The Company calculated the three-year average, weather-normalized sales, using the 2003-2005 weather-normalized average sales volumes as filed in the Company's Gas Jurisdictional Annual Reports, to calculate the Company's energy savings as a percent of sales for 2007 to 2009. Three-year, weather-normalized sales from 2010-2018 are based on the Triennial Plans approved by the Department.

Graph C-2b: CIP Energy Savings as a Percent of Twenty-Year Weather-Normalized Sales (based on the applicable three-year average)

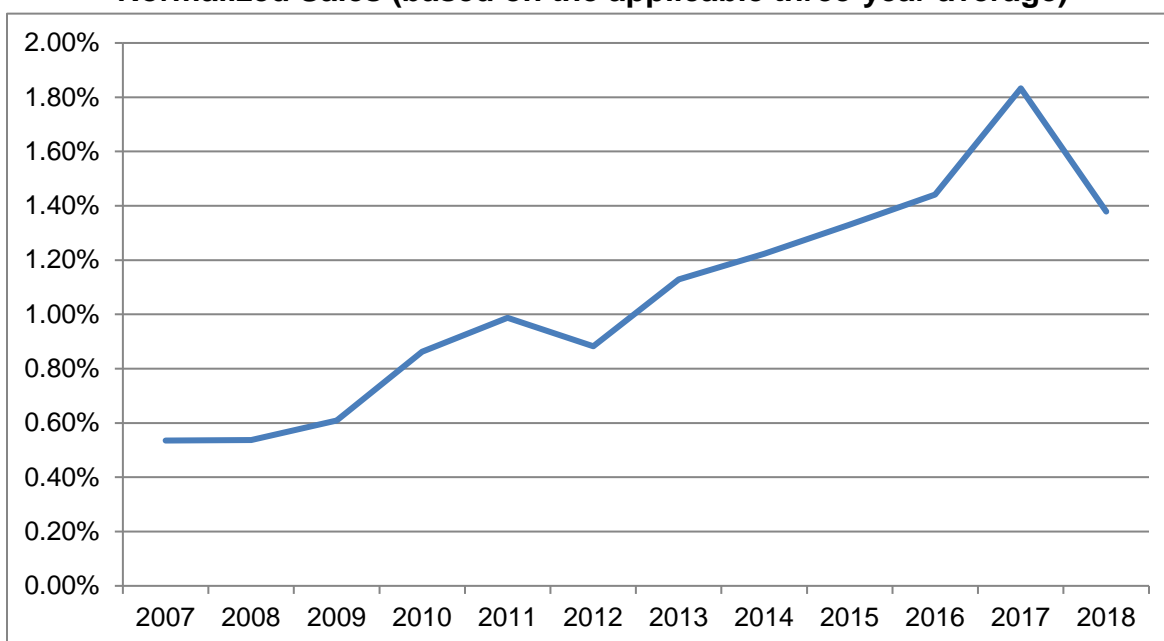


Table C-2b: CIP Energy Savings as a Percent of Twenty-Year Weather-Normalized Sales (based on the applicable three-year average²¹)

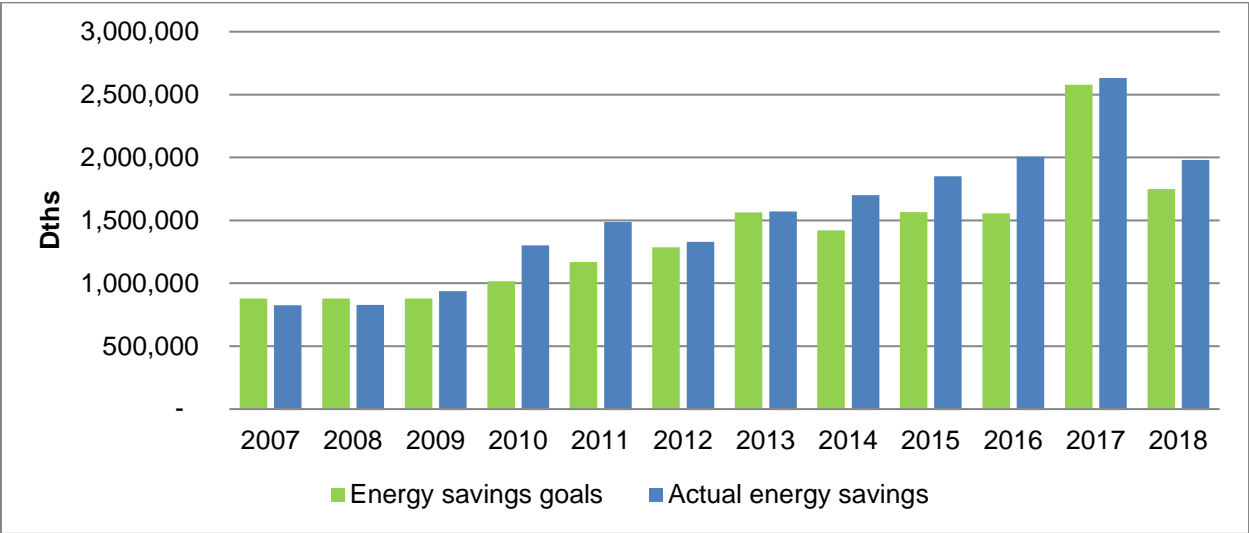
CIP Plan Period	Year	The applicable 3-year average 20-year weather normalized sales (Dth)	Annual energy savings (Dth)	Energy savings as a percent of sales
2007-2008 Biennial Period	2007	154,110,813	825,030	0.54%
	2008	154,110,813	827,340	0.54%
Extension of 2007-2008 Biennial	2009	154,110,813	938,798	0.61%
2010-2012 Triennial Period	2010	150,775,872	1,300,228	0.86%
	2011	150,775,872	1,488,231	0.99%
	2012	150,775,872	1,330,518	0.88%
2013-2016 Triennial Period	2013	139,161,784	1,570,810	1.13%
	2014	139,161,784	1,701,716	1.22%
	2015	139,161,784	1,851,930	1.33%
Extension of 2013-2015 Triennial	2016	139,161,784	2,006,014	1.44%
2017-2019 Triennial Period	2017	143,628,146	2,632,545	1.83%
	2018	143,628,146	1,980,534	1.38%

²¹ For consistency with its presentation of energy savings as a percent of ten-year weather normalized sales (see Chart C-2a above), the Company presents energy savings as a percent of twenty-year weather-normalized sales calculated using the weather-normalized sales average of the most recent three years preceding each triennial period.

C-3) *How did the Company's CIP energy savings achievements and expenditures compare to its Commissioner-approved energy savings goals and budgets for the years under consideration?*

CIP budgets and spending have mostly increased since 2007 along with energy savings goals. The graphs below illustrate CenterPoint Energy's annual energy savings achievements and annual CIP spending compared to the approved goal and budget for each year (2007-2018). Actual CIP energy savings achievements have surpassed energy savings goals from 2009 to 2018; actual energy savings achievements were slightly below the approved goal for 2007 and 2008. The Company's annual CIP expenditures were less than the approved budget between 2009 and 2015 and in 2017. In 2016, CIP expenditures exceeded the approved budget by 4.1 percent.²² In 2018, CIP expenditures exceeded the approved budget by 2.7 percent, but increased spending on rebates is related to the fact that energy savings exceeded the goal by 13 percent.²³

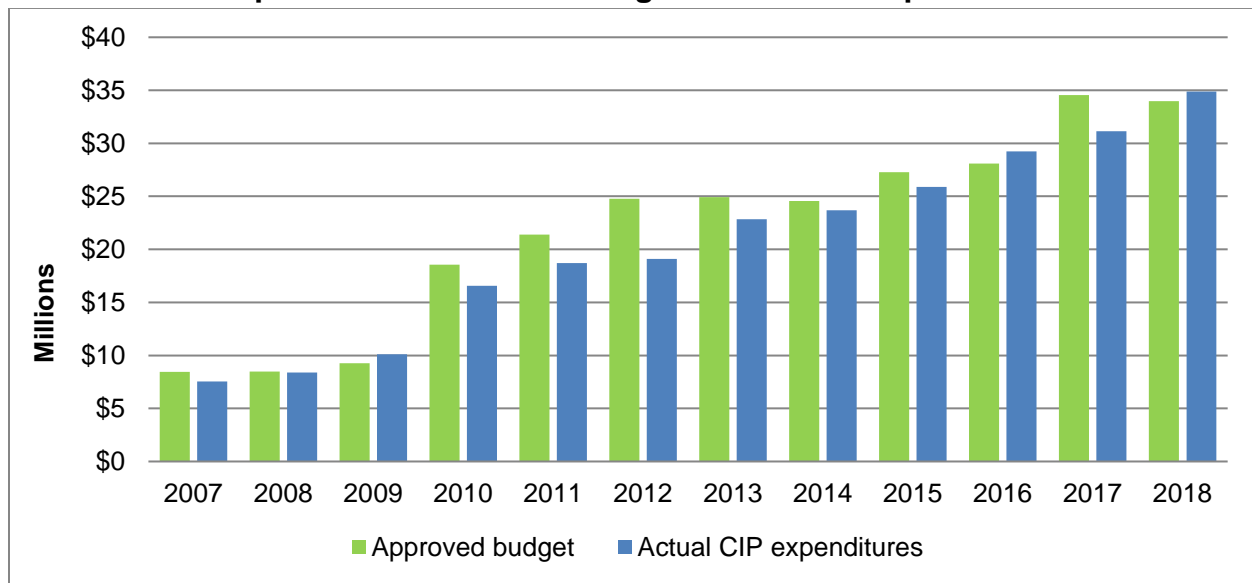
Graph C-3a: Annual CIP Goals and Actual Energy Savings (Dth)



²² CIP budget flexibility criteria allowed for program spending in the 2013-2018 period to exceed approved budgets provided that the direct-impact programs segments (Residential, Low-Income, and Commercial/Industrial) remained cost-effective; exceeding segment-level budgets by more than 25% required authorization from the Department of Commerce. See the Deputy Commissioner's *Decisions* of October 19, 2012 and October 12, 2015 in Docket No. G008/CIP-12-564.

²³ See *id.*

Graph C-3b: Annual CIP Budget and Actual Expenditures



C-4) *What were the associated “lost margins” from Company-sponsored CIP programs for each year under consideration, in total and by rate class? As in the Decoupling Evaluation Reports for the previous CE Rider partial decoupling pilot, the “lost margins” would be calculated by multiplying first year energy savings achieved by the applicable margin.*

Table C-4 shows the lost margins associated with CenterPoint Energy’s CIP energy savings from 2007 to 2018. Lost margins are based on annual energy savings from the Company’s CIP multiplied by the Company’s delivery charge (not including CIP base charges) per rate class. The figures shown are single-year figures and do not reflect the reduced sales due to energy savings over the lifetime of the installed equipment.

Table C-4: Lost Margins due to CIP Energy Savings by Rate Class, 2007-2018

Year	Residential	Com/Ind-A	Com/Ind-B	Com/Ind-C	SVDF-A	SVDF-B	LV ²⁴	Total
2007	\$218,255	\$7,708	\$27,343	\$203,895	\$84,534	\$86,718	\$66,353	\$694,806
2008	\$229,800	\$16,862	\$25,499	\$197,354	\$103,763	\$53,593	\$73,435	\$700,306
2009	\$510,546	\$19,701	\$33,063	\$262,527	\$132,001	\$23,493	\$69,866	\$1,051,198
2010	\$451,611	\$51,850	\$35,848	\$275,928	\$221,196	\$108,444	\$123,083	\$1,267,960
2011	\$773,741	\$22,017	\$33,093	\$198,625	\$225,978	\$126,525	\$102,870	\$1,482,850
2012	\$815,170	\$17,221	\$66,732	\$214,629	\$196,653	\$80,745	\$44,832	\$1,435,982
2013	\$842,973	\$16,415	\$61,495	\$245,752	\$205,737	\$110,338	\$162,133	\$1,644,843
2014	\$1,097,234	\$18,804	\$28,604	\$370,108	\$213,290	\$122,090	\$105,358	\$1,955,489
2015	\$1,157,612	\$41,176	\$58,747	\$477,937	\$207,049	\$194,949	\$76,121	\$2,213,592
2016	\$1,132,412	\$26,503	\$57,998	\$586,088	\$196,303	\$158,289	\$105,714	\$2,263,307
2017	\$1,112,607	\$60,453	\$52,593	\$554,148	\$190,803	\$183,223	\$632,211	\$2,786,038
2018	\$1,291,813	\$51,656	\$61,351	\$740,133	\$111,354	\$109,855	\$192,975	\$2,559,138

C-5) *Since the most recent Full Revenue Decoupling Evaluation Report, has the Company proposed or implemented any changes or expansions to its energy conservation program offerings? Identify and describe such changes or expansions.*

Since the end of the last Decoupling Evaluation period on June 30, 2018, CenterPoint Energy has continued implementation of its 2017-2019 CIP Triennial Plan. Each year represented in the 2017-2019 Triennial Plan has a higher energy savings goal and budget than 2016 or any prior year. During this decoupling evaluation period the Company made several modifications to the 2017-2019 Triennial Plan's program offerings to refine project qualifications and process. For the most part, these modifications resulted in only minor changes to CIP offerings. However, one significant modification was filed in preparation for the launch of the On-Bill Bill Loan Repayment project, which the Company plans to roll out to customers in 2020.

²⁴ Lost margin figures for large-volume dual-fuel customers are combined with figures for large-volume firm customers.

In 2016, the Deputy Commissioner approved CenterPoint Energy's On-Bill Loan Repayment project as part of the Company's 2017-2019 Conservation Improvement Plan "with the understanding that [CenterPoint Energy] will file a formal modification so that the Department and interested parties can review how [CenterPoint Energy] addresses the outstanding program design questions and the program's participation goals." CenterPoint Energy complied with this requirement by filing a formal modification on July 3, 2018,²⁵ with approval by the Deputy Commissioner following on October 10, 2018.²⁶

The On-Bill Loan Repayment project will provide a simple and convenient way for customers to pay for energy efficiency improvements to their property via their CenterPoint Energy gas bill. While the Company does not provide capital for the loans, CenterPoint Energy works with an implementation partner to process loan payments from customers to participating lenders. In its modification request the Company established criteria for customers, measures, trade allies, and lenders and loans. The Company also established program participation goals and evaluation metrics and requested budget modifications.

C-6) Describe the Company's marketing and outreach efforts related to CIP. Since the most recent Full Revenue Decoupling Evaluation Report, has the Company changed its marketing strategy or tactics for CIP in general or for specific CIP programs? How do recent marketing and outreach efforts compare to prior years?

Since the last Full Revenue Decoupling Evaluation Report, CenterPoint Energy has continued to make significant efforts to promote its CIP programs to both end use customers and trade allies. Methods of communication included program collateral (displays, booklets, signage, trinkets, and other marketing support materials), bill

²⁵ CenterPoint Energy Request to Modify On-Bill Loan Repayment, Docket No. G008/CIP-16-119 (July 3, 2018).

²⁶ *In the Matter of CenterPoint Energy's 2017-2019 CIP Plan Program Modification Request*, G008/CIP-16-119, Deputy Commissioner Decision (DOC, Oct. 10, 2018).

inserts/onserts (customer communications included on bills), emails, digital advertisements (banner ads, social media, online streaming videos), web paid search advertisements, direct mailings, radio, cable, and broadcast television advertisements, electronic newsletters, print advertisements, sponsorships, industry tradeshow, and customer and trade ally educational seminars.

CenterPoint Energy’s CIP promotional materials encourage customers to participate in the Company’s CIP programs by purchasing qualifying high-efficiency natural gas equipment, having an energy audit or analysis completed to identify energy savings opportunities, participating in a design or engineering program to improve the commercial/industrial buildings efficiency, or installing low-cost measures to save energy in a home or commercial/industrial facility. Additionally, the materials highlight the cost savings associated with implementing these energy saving strategies.

The level of expenditure for advertisements and promotions in the CenterPoint Energy’s CIP program for the pre-decoupling period (2007-2009) as well as the post-decoupling period (2010-2017) is provided in table C-6 below:

Table C-6: Annual Expenditures on Ads and Promos

Average 2007 - 2009 Ads and Promo Spend	\$655,516
2007 Ads & Promo Spend	\$655,243
2008 Ads & Promo Spend	\$599,231
2009 Ads & Promo Spend	\$712,074
2010 Ads & Promo Spend	\$1,307,357
2011 Ads & Promo Spend	\$1,243,094
2012 Ads & Promo Spend	\$1,532,858
2013 Ads & Promo Spend	\$1,604,865
2014 Ads & Promo Spend	\$1,468,718
2015 Ads & Promo Spend	\$1,485,108
2016 Ads & Promo Spend	\$1,546,967
2017 Ads & Promo Spend	\$1,571,155
2018 Ads & Promo Spend	\$1,846,766

C-7) *What were the annual revenues collected from ratepayers to fund CIP programs, by rate class, for each year under consideration?*

Annual revenues collected from ratepayers to fund CenterPoint Energy's CIP are provided by rate class for 2007 to 2018 in Table C-7 below.

Table C-7: Annual CIP Recovery by Rate Class²⁷

Year	Residential	Com A	Com/Ind B	Com/Ind C	SVDF-A	SVDF-B	LV	Total
2007	\$4,176,104	\$139,105	\$309,136	\$1,525,090	\$609,673	\$527,701	\$2,455,941	\$9,742,750
2008	\$3,292,598	\$108,377	\$250,686	\$1,251,605	\$486,082	\$394,406	\$1,507,803	\$7,291,557
2009	\$6,058,454	\$180,369	\$461,781	\$2,153,417	\$900,356	\$657,414	\$2,871,645	\$13,283,437
2010	\$7,042,762	\$217,793	\$538,222	\$2,533,429	\$1,016,496	\$814,439	\$3,768,047	\$15,931,189
2011	\$10,667,530	\$349,563	\$841,878	\$3,868,149	\$1,555,585	\$1,144,903	\$5,703,856	\$24,131,464
2012	\$9,064,698	\$272,002	\$692,769	\$3,413,993	\$1,383,011	\$998,097	\$3,855,000	\$19,679,571
2013	\$15,952,573	\$574,362	\$1,298,195	\$5,937,064	\$2,267,039	\$1,527,794	\$4,941,849	\$32,498,877
2014	\$19,680,920	\$664,371	\$1,628,109	\$7,791,288	\$2,697,884	\$1,770,006	\$6,781,772	\$41,014,351
2015	\$16,913,096	\$508,851	\$1,329,998	\$7,138,054	\$2,301,252	\$1,625,623	\$7,526,345	\$37,343,219
2016	\$18,465,701	\$582,553	\$1,448,460	\$7,873,614	\$1,797,616	\$1,045,443	\$6,877,866	\$38,091,252
2017	\$23,503,570	\$806,256	\$1,927,454	\$10,775,877	\$2,158,007	\$1,400,360	\$8,893,255	\$49,464,779
2018	\$28,189,144	\$959,194	\$2,323,385	\$12,825,293	\$1,954,895	\$1,458,444	\$10,419,936	\$58,130,291

C-8) *What were the lifetime energy savings that can be attributed to the Company's CIP offerings for each year under consideration? How do lifetime energy savings in the decoupled period compare to the pre-decoupling period?*

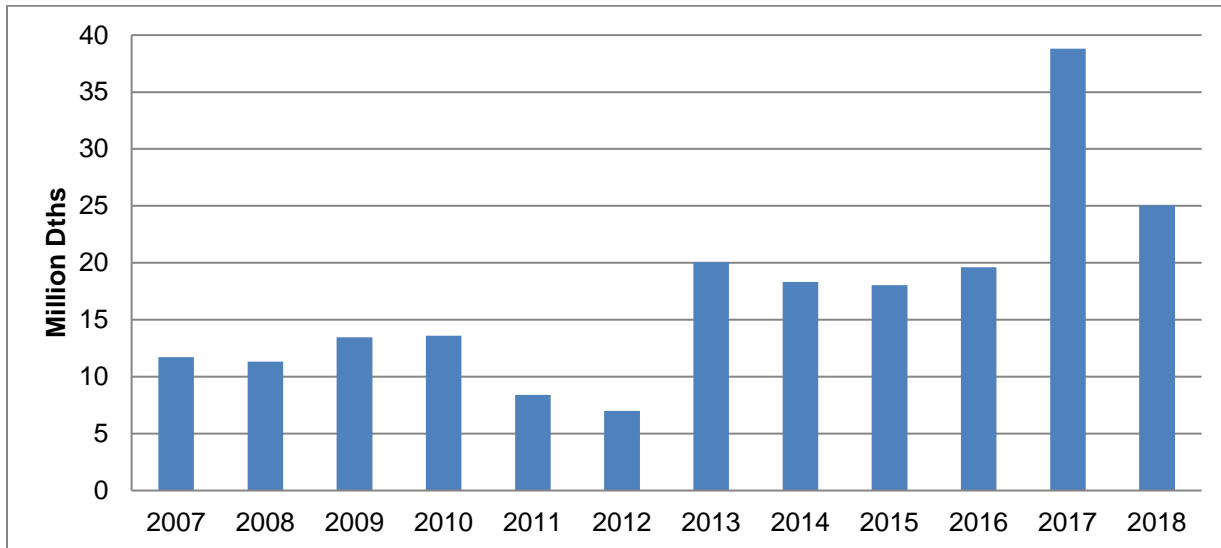
CenterPoint Energy's CIP has produced a significant level of lifetime energy savings.²⁸ Since 2007, the Company's CIP has achieved about 205 BCF of lifetime energy savings. The 2018 CIP program year had 106 percent higher lifetime energy savings than the average lifetime energy savings for the pre-decoupling period.

²⁷ These figures represent total revenue collected to fund the Company's CIP, including the interim CCRC rate, as documented in CenterPoint Energy's 2018 Conservation Improvement Program Status Report Associated Compliance Filings, Docket No. G-008/CIP-16-119.04, et al., (May 1, 2019).

²⁸ Lifetime energy savings is determined by multiplying energy savings associated with a conservation measure by the expected lifetime of the measure.

Graph C-8 below shows the annual level of lifetime energy savings for the Company's CIP beginning in 2007.

Graph C-8: Annual Lifetime Energy Savings²⁹



C-9) *What changes in participation, cost-effectiveness, or other metrics that gauge the performance of the CIP programs have occurred during the years under consideration?*

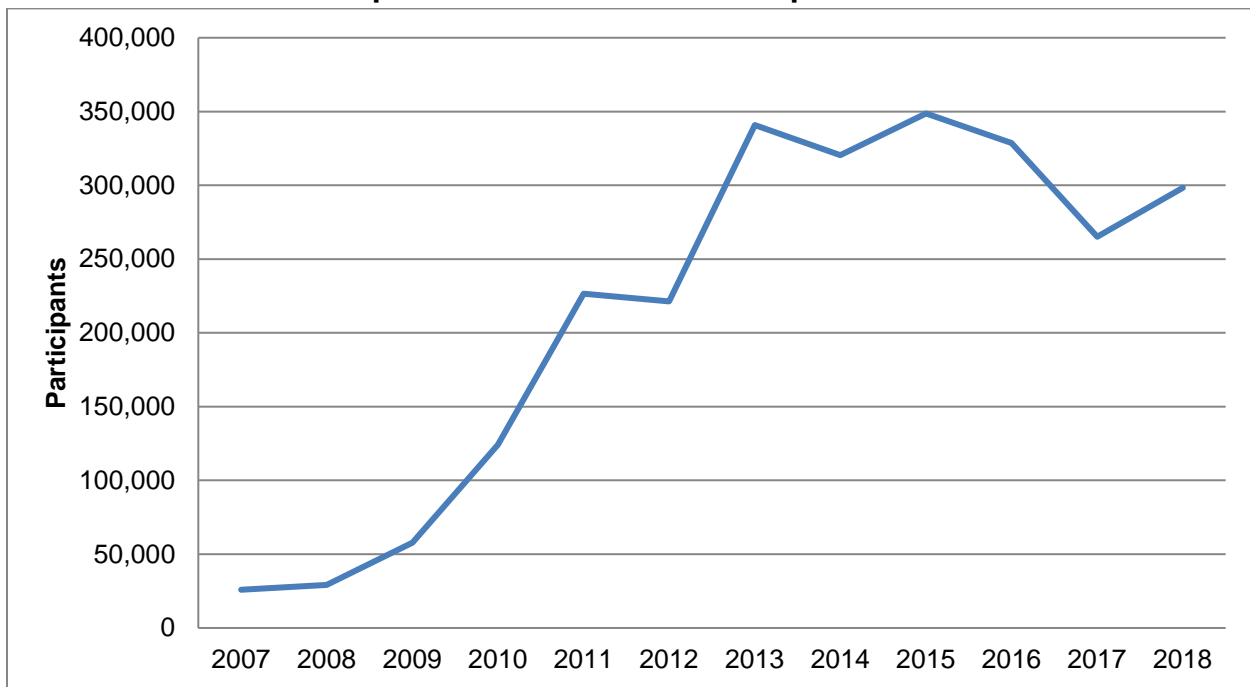
Participation:

As shown in Graph C-9a below, participation in CenterPoint Energy's CIP has increased considerably since 2007. Participation in 2018 was 692 percent higher than the pre-decoupling period. Over the course of the last ten years, the Company has introduced new CIP projects and offerings to meet the needs of its customers. The 2017-2019 Triennial Plan further increases opportunities for participation through initiatives such as the streamlining of residential programs, and the introduction of prescriptive rebates for new measures such as ENERGY STAR[®]

²⁹ The treatment of behavioral savings in the 2010-2012 Triennial Plan in Docket No. G008/CIP-09-644 resulted in a declining trend in the average lifetime of energy savings in the Company's CIP for program years 2010-2012.

laundry equipment, condensing integrated heating and cooling units, and other measures previously offered only as custom rebates. The Company has also worked to increase participation in its CIP through a variety of marketing and outreach activities, which are discussed in more detail in question six of this report.

Graph C-9a: Annual CIP Participation³⁰



Cost-effectiveness:

Graph C-9b below shows the cost-effectiveness test scores for each CIP program year from 2007 to 2018 from the utility and societal perspective. The cost-effectiveness score represents the ratio of the benefits to the costs for a program; a score higher than one means that the benefits are greater than the costs and the program is therefore considered cost-effective. The utility test score reflects the costs and benefits that accrue to CenterPoint Energy’s ratepayers, while the societal test score considers costs and benefits from a societal perspective. Key differences between these tests are that the societal test includes the cost to participants of an

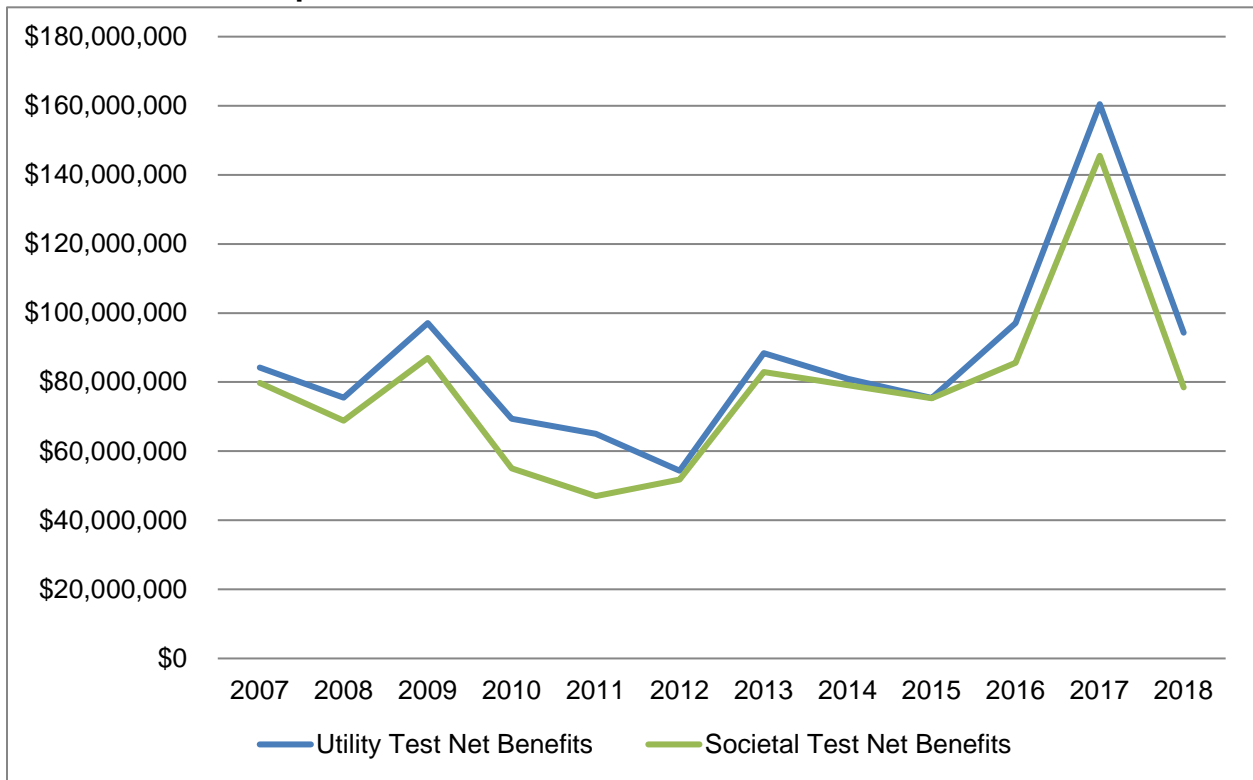
³⁰ CIP participation in 2018 cannot be directly compared to previous years because of the streamlining of programs in the 2017-2019 Triennial Plan. For example, the Triennial Plan combined several programs and modified the metric for tracking participation in several programs.

energy conservation measure as well as the cost of utility programs, while the utility test considers only the cost of the programs themselves. The societal test also includes the environmental benefit of avoided energy use.

Both the utility and the societal tests scores are influenced by a variety of factors, including program achievements such as energy savings or program spending. However, external factors also affect cost-effectiveness scores. Both the utility and societal tests are highly sensitive to changes in the commodity cost of gas. Much of the variability seen in Graph C-9b is due to fluctuations in the commodity cost of gas over the time period in consideration. A comparison of Graph C-9b, showing the change in the cost-effectiveness scores, and Graph C-9c, which shows annual first-year energy savings achievements for the CenterPoint Energy's CIP, illustrates the degree to which the commodity cost and factors other than first-year energy savings achievements can influence cost-effectiveness test results. The increased cost of achieving additional savings (discussed further below) also creates downward pressure on cost-effectiveness ratios.

Despite the challenges of maintaining cost-effective natural gas conservation programs in a time of low natural gas commodity costs, CenterPoint Energy's CIP has demonstrated cost-effectiveness from both the societal and utility test perspectives every year since 2007. In other words, the Company's CIP has produced more benefits than costs for the utility's ratepayers and society each year under consideration in this report. In addition to significant energy savings achieved in 2017, the expected project lifetime of the large custom project in the same year contributed to increases in both cost-effectiveness tests.

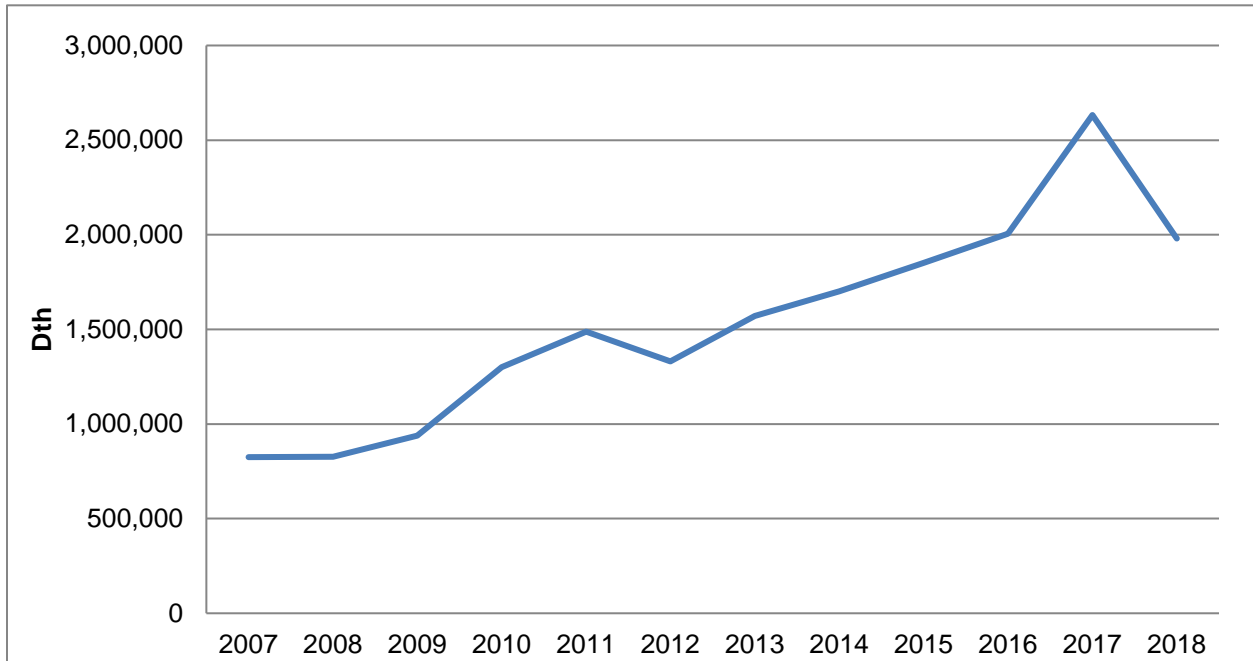
Graph C-9b: CIP Cost-Effectiveness Test Results



Energy Savings:

First-year energy savings is a key metric that determines the success and effectiveness of energy conservation programs. As shown in Graph C-9c below, annual first-year energy savings achievements increased dramatically over the period under consideration; first-year energy savings in 2018 are 129 percent higher than the average first-year energy savings for the pre-decoupling period.

Graph C-9c: CIP First-Year Energy Savings Achievements



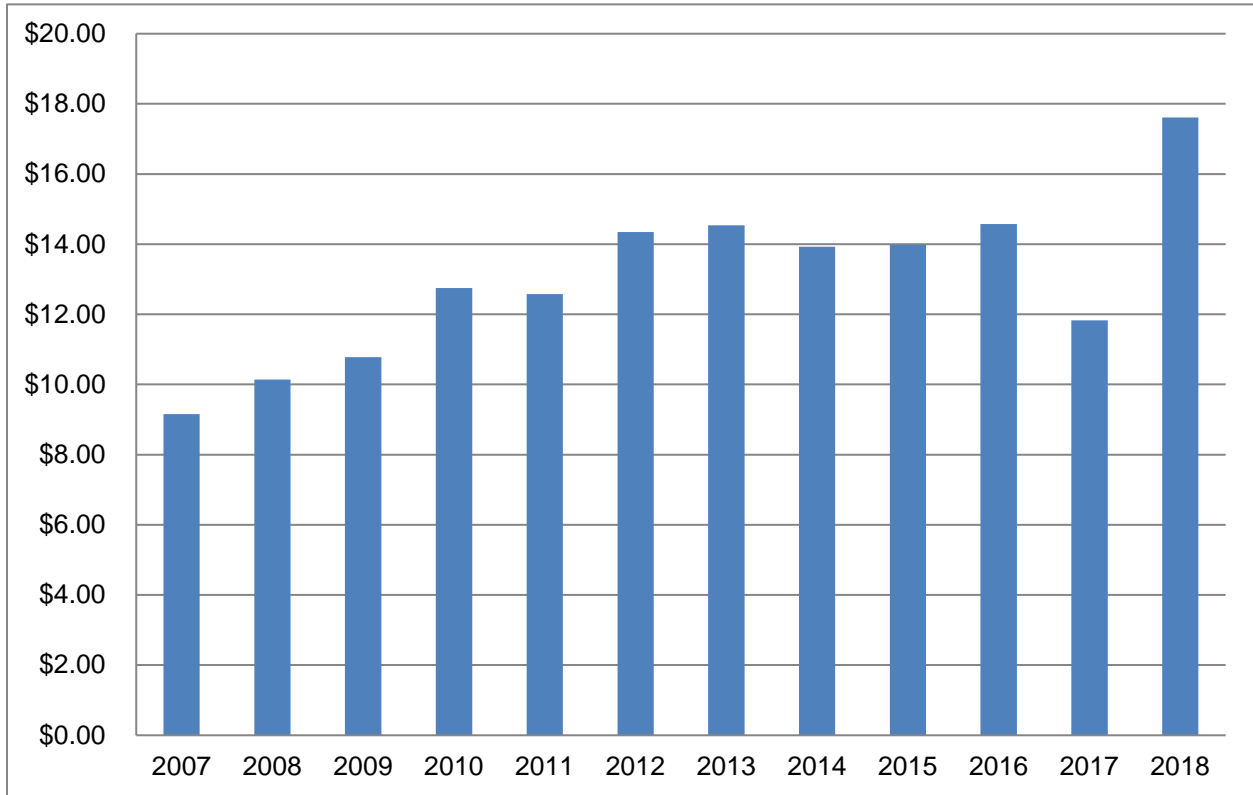
Cost per First-Year Energy Savings:

The cost to achieve incremental energy savings tends to increase as a utility strives to achieve greater levels of savings. This results from a utility moving beyond the basic conservation opportunities (i.e., a new, immature conservation program portfolio) to pursue more advanced, expensive, and less easily attainable energy savings opportunities. CenterPoint Energy’s CIP has generally experienced increases in the cost per unit of energy saved as energy savings achievements increased; the cost per first-year energy savings achievement for the period under consideration is shown below in Graph C-9d.

Though the cost per first-year energy savings has increase compared to 2007-2009, the increase is modest compared to the increase in energy savings over the same period of time. While the cost per dekatherm in 2017 was lower than in 2010-2016, the decrease is primarily attributable to the large custom project and is unlikely to be repeated in future years. The cost per dekatherm of energy savings in 2018 is 75 percent higher than the average cost per dekatherm of energy savings in the pre-

decoupling period, while energy savings is 129 percent higher for the same time period.

Graph C-9d: CIP Cost per First-Year Energy Savings (Dth)



C-10) Describe low-income specific programs and/or impacts. What were the low-income CIP savings for the post-decoupling implementation time period compared to the pre-decoupling period?

CenterPoint Energy Minnesota Gas' 2018 CIP included five dedicated low-income projects. These projects are designed to serve low-income customers who both own and rent, regardless of the utility bill arrangement (whether the tenant or landlord pays the utility bill). The Company's low-income offerings cover energy efficiency upgrades that range from retrofits to simple furnace tune-ups; provide services for both new construction and existing buildings; and address the needs of

homeowners, tenants, and low-income housing providers. Below are the five low-income projects included in the Company's CIP.

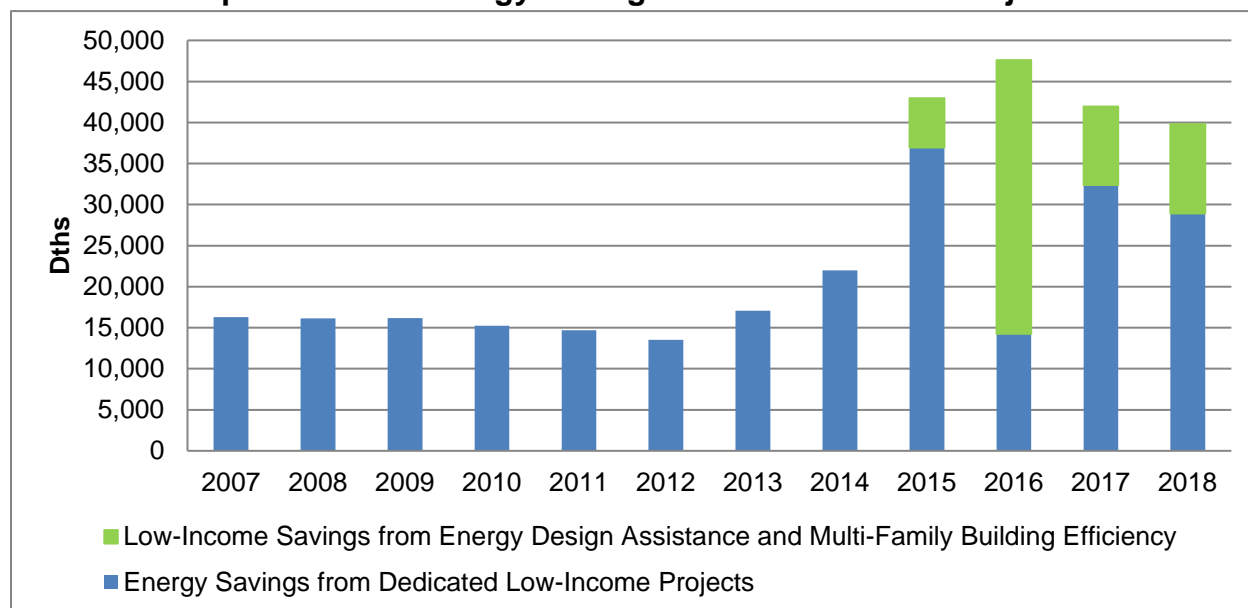
- Low-Income Weatherization Project – provides major weatherization services and comprehensive retrofits to low-income residential customers.
- Low-Income Rental Efficiency Project – engages directly with owners of residentially-metered 1-4 unit rental properties that house low-income tenants to encourage and provide funding for energy efficiency upgrades.
- Low-Income Heating System Tune-Ups – provides free furnace and boiler tune-ups and safety checks for low-income residential customers.
- Non-Profit Affordable Housing Project – provides incentives to affordable housing organizations for energy efficiency measures in new construction and existing low-income housing projects.
- Low-Income Multi-Family Building Rebate Project – offers a bonus rebate for energy efficiency measures in low-income multi-family housing buildings.

In addition to these projects, the Company offers additional incentives for low-income participation in several residential and commercial/industrial segment projects. The projects offering special incentives available to low-income customers include Home Energy Squad, which includes free home visit options for low-income participants; Energy Design Assistance, which provides larger rebates to qualifying low-income multi-family buildings; and Multi-Family Building Efficiency, through which low-income qualified buildings may receive double the rebates available to other participants.

CenterPoint Energy's 2018 energy savings from dedicated low-income projects were 79 percent higher than average energy savings from low-income projects in the pre-decoupling period, while spending and participation were, respectively, 112 and 295 percent higher than the pre-decoupling period average.

Graph C-10 shows the annual energy savings achieved in CenterPoint Energy's dedicated low-income projects from 2007 to 2018 and the additional low-income energy savings achieved by the Energy Design Assistance and Multi-Family Building Efficiency projects in 2015-2018. If low-income savings realized by the Energy Design Assistance and Multi-Family Building Efficiency projects is included, the Company's 2018 low-income energy savings were 146% higher than the average low-income energy savings in the pre-decoupling period.

Graph C-10: CIP Energy Savings from Low-Income Projects³¹



C-11) *What other information, whether qualitative or quantitative, should be considered in evaluating the Company's commitment to energy efficiency and conservation?*

³¹ Starting in 2015, low-income savings from Energy Design Assistance and Multi-Family Building Efficiency are reported separately. These projects are better-positioned to serve some low-income multi-family customers than the dedicated-low-income Multi-Family Building project. The Company also discussed the transfer of participation away from the Low-Income Multi-Family project to Energy Design Assistance and Multi-Family Building Efficiency in response to the Department's third information request in Docket No. G-008/CIP-12-564.05, filed on June 12, 2017.

CenterPoint Energy's commitment to energy efficiency is clearly demonstrated by the information contained in this report. The Company consistently exceeds its annual energy savings goals and has been recognized as a national leader³² on energy efficiency among natural gas utilities. As detailed in the data presented above, 2018 total energy savings exceeded 1.9 million Dth. The Company has also been developing several innovative services for customers. In early 2019, the Company completed a tool for commercial customers seeking to understand the energy use of their buildings through energy use benchmark.³³ This tool automates the aggregation of customer energy use data for whole-buildings and releases the data to benchmarking tools for authorized requesters. The Company also continues to develop the On-Bill Loan Repayment project (see question C-5 above). This project will provide a simple and convenient way for residential customers to pay for energy efficiency improvements to their property via their CenterPoint Energy gas bill.

Not only does CenterPoint Energy deliver robust and comprehensive efficiency programs, but CIP offerings are continuously improved to achieve greater energy savings and better meet customer needs. The Company has contracted with an independent consultant to conduct evaluations of CIP programs; CenterPoint Energy staff regularly attends trade shows, industry conferences, and other events to develop new ideas for program enhancements and to stay abreast of energy efficiency industry trends. Further, the Company supports research conducted by the American Council for an Energy Efficient Economy, the Midwest Energy Efficiency Alliance, the Gas Technology Institute, and others, to identify opportunities and emerging technologies that support increased energy efficiency. Whenever possible, these ideas are developed and brought forward as modifications rather than allowing offerings to remain static over the course of a Triennium.

³² In 2018, two CenterPoint Energy Minnesota Gas' CIP programs were recognized as Exemplary Energy Efficiency Programs by ACEEE.

³³ Benchmarking is the practice of comparing the measured energy use performance of whole-buildings, with the goal of informing and motivating performance improvement.

During the Decoupling Evaluation period, CenterPoint Energy developed several program enhancements included in the 2020 CIP Plan filed on July 1, 2019.³⁴ The 2020 CIP Plan includes a new project, School Kits, which will provide support for teachers seeking to educate their students about energy efficiency. The Company has also worked with Xcel Energy to propose restructuring of the joint Xcel Energy/CenterPoint Energy Multi-Family Building Efficiency project to drive additional savings and simplify the project for participants, while retaining successful project features. In addition, CenterPoint Energy has issued a request for proposal seeking new innovative program designs for the Company's residential behavioral project. The Company's 2020 CIP Plan proposes the addition of several new measures for residential, low-income, and commercial customers.

³⁴ See *In the Matter of CenterPoint Energy's 2017-2019 Natural Gas Conservation Improvement Program Triennial Plan*, Docket No. G-008/CIP-16-119, (July 1, 2019).

D. REVENUE ACCRUED AND COLLECTED UNDER FULL REVENUE DECOUPLING

Overview of Model

CenterPoint Energy Minnesota Gas submits its results for the twelve months ended June 30, 2019 following the methods outlined in the Decoupling Compliance filing and December 19, 2014 Reply Comments in the 2013 Rate Case. Throughout the year July 2018 - June 2019, the Company tracked sales volumes and customer counts for use in the RD Rider. The Company calculated and booked the decoupling accrual monthly as part of month-end accounting activity; at the end of the twelve-month evaluation period, the annual RD Rider adjustments by class were calculated. The Company also tracked surcharges collecting the RD Rider balances for the September 1, 2018 – June 30, 2019 period. Account balances will be included in the going-forward RD rider factor. The Company, as required, includes supporting calculations with this report.³⁵

The monthly accounting entries reflect the over/under-collection of non-gas revenues for the decoupling program, consistent with the tariff in Section V, page 28 stating the Company “shall record its best estimate of the amounts to be recognized under the RD Rider so as to reflect in its books and records a fair representation of the impact of this rider in actual earnings.” The net amount will be carried until the end of the Evaluation Period and will not result in changes on customer’s bills until the September after the Evaluation Period.

The calculation of the monthly accrual reflects the total for each class, unadjusted for any caps. CenterPoint Energy Minnesota Gas’ model requires adjustment of the decoupling accrual that exceeded the caps in the year-end calculation of the RD Rider annual adjustment. No adjustment for the cap was required this year. Each class was calculated separately (separate tab in the model).

³⁵ Docket No. G-008/GR-13-316, February 15, 2018, ordering Point #5. Required that all future Annual Reports include live spreadsheets in Excel format, with formulas intact, that provide all calculations for new annual decoupling amounts, the reconciliation for the prior year’s true-up amount, and the new decoupling factors.

The spreadsheet model was updated with sales volumes and customer counts to determine the monthly accrual.

Cycle Sales Data

The Sales volumes for customers taking firm service reflect the sum of the twenty-one cycles billed in that cycle-month and is consistent with the data used to determine the Commission approved rate case sales forecasts. CenterPoint Energy Minnesota Gas did not include unbilled sales adjustments in the full revenue decoupling models.

Telemetered Accounts

Sales volumes for telemetered accounts (Small Volume Dual Fuel – A; Small Volume Dual Fuel – B; Large Volume Dual Fuel and Large General Service³⁶) were matched to months of volume usages. Matching occurs since telemetered volumes are billed in the month following use and, therefore, month-end sales reported for July are reflected as June usage. As discussed below in the Market Rate Customer section, volume information for customers identified in the “Decoupling Market Rate Exempt” group is summed and subtracted from the total large volume figures for the month before large volume use is included in the large volume portion of the Full Revenue Decoupling model.

Market Rate Customers

The RD Rider excludes CenterPoint Energy Minnesota Gas’ group of Large Volume (“LV”) Market Rate customers, who may take either firm or interruptible service. Customers in this group have negotiated delivery rates based upon the capability to switch to alternate energy supplies or service based upon “effective” competition. The LV Market Rate customer count and volume usage is removed from the Company’s pre-decoupling revenue.

In November 2017, one customer moved to market rates from standard rates and was therefore added to the “Decoupling Market Rate” group during the Evaluation Period.

³⁶ Large General Service is also referred to as Large Volume Firm.

The Implementation Plan explains that a newly-connected customer considered a LV Market Rate customer from the start of service has volumes added to the “Decoupling Market Rate” group.³⁷ The Company did not add new Market Rate service customers.

CenterPoint Energy Minnesota Gas identified thirty-two large volume customers taking service under the Market Rate (MR) service rider this year. These customers are exempt from decoupling with actual volumes removed from total rate class throughput volumes before calculating the authorized and actual Revenue Decoupling revenue each month. These customers will not be billed the decoupling factor over the September 2019 - August 2020-time period.

Calculation of Decoupling Accrual

The decoupling accrual is calculated through monthly accounting entries by comparing actual and authorized non-gas margins. Actual revenues are calculated using customer counts and metered volumes. Non-gas margins reflect the basic delivery charge and base per-therm delivery charges less the Conservation Improvement Program (CIP) and Gas Affordability Program (GAP) charges.

Excess revenues are returned to customers with revenue shortfalls, up to ten percent of non-gas margin including GAP, surcharged over the next 12-month period.

³⁷ Decoupling Compliance Filing, Attachment 3, section 3: Treatment of Market Rate Customers, pages 4-5

D-1) Monthly, annual, cumulative revenue deferred. What was the monthly, annual, and cumulative amount of revenue over/under collected by customer class through the RD Rider during the period being evaluated, before and after any adjustments to reflect the 10% cap? A discussion describing actions leading to these adjustments will be provided.

Table D-1: Decoupling Adjustment Balance through June 30, 2019

	Decoupling Adjustment Balance through June 30, 2018	Adjustment Made to reflect 10% Cap	Prior Period Balance	Total
Res	(\$13,774,109)		\$924,958	(\$12,849,151)
Com A	(\$358,662)		\$13,439	(\$345,223)
Com/ Ind B	(\$676,681)		\$92,531	(\$584,150)
Com/ Ind C	(\$4,954,043)		\$702,761	(\$4,251,282)
SVDF A	(\$776,992)		\$3,539	(\$773,453)
SVDF B	(\$353,711)		\$4,963	(\$348,748)
LVDF	\$365,444		\$16,634	\$382,078
Large Volume General Firm	(\$98,681)		(\$35,779)	(\$134,460)
Total	(\$20,627,435)	\$0	\$1,723,045	(\$18,904,390)

Monthly data in Excel format is available in Attachment D-1 and cumulative information found in D-10.

The over recovery of the 2017 – 2018 decoupling balance (Prior Period Balance column) over the 2018 – 2019 period resulting from colder-than-normal weather and higher-than-anticipated sales volumes will be subsequently included in the calculation of the 2019 – 2020 decoupling factors.

Revenue Deferral for 2018

At the end of the June 30, 2019, the net decoupling balance was (\$18,904,390) and will be refunded through a surcharge or credit by rate class.

Anticipated adjustments to Decoupling Balance in 2019-2020:

CenterPoint Energy Minnesota Gas does not anticipate any adjustments to the decoupling model in the 2019-2020 period.

Detailed calculations are contained in Attachment D-1.

D-2) Monthly, annual, cumulative revenue recovered. What was the monthly, annual, and cumulative amount of revenue recovered by customer class through the decoupling mechanism during the period being evaluated? A discussion describing actions leading to these adjustments will be provided.

This Evaluation Report covers the Evaluation Period. Revenues collected based on the Year-3 factors are noted in Attachment D-1, Page 3 as recovered through the RD Rider, and detailed in Attachment D-1. Cumulative effects are detailed in Attachment D-10. The factors were charged beginning September 1, 2018 and billed over the subsequent 12-month period.

D-3) Calculations of and Adjustment(s) due to the 10% revenue cap (if any). What was the mathematical result of the 10% cap calculation for each of the evaluation periods in the 36 months of the decoupling program?

CenterPoint Energy Minnesota Gas has provided the calculation, by class, for the 10% revenue cap. In the Model (included as Attachment D-1 and in the Excel file) the line labelled "NON-GAS MARGIN CAP" for each rate class shows the cap by month, the annual total, and calculates the 10% cap in total dollars and per DT billing factor. The Company's decoupling revenue did not exceed the cap in any of the eight classes. Credits owed to customers are not subject to a cap.

D-4) Discussion of actions affecting decoupling calculations. Has CenterPoint Energy Minnesota Gas made any changes to its methods or calculations of the decoupling deferral over the course of the pilot? Describe any such changes, their purpose, and impact on the deferral.

This year's twelve-month model reflects the 2017 Rate Case authorized revenue for the Evaluation Period between July 2018- June 2019. CenterPoint Energy Minnesota Gas filed a general rate case on August 2, 2017.³⁸ Subsequently, final rates and sales volumes were approved as part of the settlement and implemented on November 1, 2018 and have been reflected for the entire Evaluation Period. The settlement agreement approved a change to the "Authorized Revenue" calculation to use only the actual number of customers, instead of the greater-of-the actual or authorized customer count.

D-5) Changes to methodology, input values or calculations –purpose and impact: Were there any issues that arose regarding the methodology or input values for calculation of the accounting journal entries which implemented the decoupling accrual? Explain and quantify the impact of any changes in methodology or input values.

There were no issues that arose regarding input values for the calculation of the accounting journal entries which significantly impacted the decoupling accrual.

D-6) Pretax margin and net income impact. What was the pretax margin and net income impact resulting from the recoverable revenue accrual for the period being evaluated as a result of the pilot? What percentage of total pretax margins and net income for the Company's operations is represented by the accruals in each year?

³⁸ Docket G-008/GR-17-285.

Table D-6: Decoupling Deferral

	Pre-tax Margin ³⁹	Net Operating Income
1.Total CenterPoint Energy Minnesota Gas income	\$438,005,790	\$88,856,608
	Decoupling Deferral	After Tax Impact ⁴⁰
2. Decoupling deferral	(\$20,627,435)	(\$14,699,110)
3. Decoupling as % of Total (line 2/line 1)	-4.7%	-16.5%

D-7) By rate class – recorded gas margin revenue – before and after accrual.
What was CenterPoint Energy Minnesota Gas’ recorded gas margin revenue and recorded gas margin revenue by class and per customer for the period being evaluated, before and after decoupling deferrals?

As discussed in the Decoupling Compliance Filing, the accounting entry was entered into the Company’s accounting records as a single value and the model tracked the by-class accruals.⁴¹

Table D-7: Margin by Rate Class

Class	Authorized Revenue	Actual Revenue	Decoupling Adjustment	Revenue W/Decoupling Accrual
A	B	C	D	E = C + D
Residential	\$223,457,758	\$237,231,867	(\$13,774,109)	\$221,573,168
Com- A	9,372,584	9,731,246	(358,662)	\$9,372,584
Com-Ind B	13,680,416	14,357,097	(676,681)	\$13,680,416
Com-Ind C	58,447,610	63,401,654	(\$4,954,043)	\$58,447,610
SVDF-A	5,654,515	6,431,507	(\$776,992)	\$5,654,515
SVDF-B	3,629,832	3,983,543	(\$343,711)	\$3,629,832
LVDF-STD	10,227,329	9,861,885	365,444	\$10,227,329
LV- FIRM	1,521,077	1,619,758	(98,681)	\$1,521,077
TOTAL	\$325,991,121	\$346,618,556	(\$20,627,435)	\$325,991,121

³⁹ The pre-tax margin shown in table D-6 above represents operating revenue less cost of gas.

⁴⁰ Tax impact assumes Decoupling Deferral used the 21% federal income tax rate for 07/2018-06/2019.

⁴¹ Attachment 2: Implementation Plan, Monthly and annual calculations/tracking starting on page 2 of the Decoupling Compliance Filing.

D-8) By rate class – decoupling surcharge/refund revenue Billing Factors. Provide a detailed calculation of the factors to be billed by rate class for the upcoming year. (September 2019 – August 2020)

Table D-8: Decoupling Factors

	Decoupling Adjustment / Therm	Average Monthly Use (in Therms)	Average Monthly Decoupling Adjustment
Residential	(\$0.01832)	74	(\$1.36)
Commercial - A (<1500 Therms/Yr)	(\$0.01403)	68	(\$0.95)
Commercial / Industrial -B (1,500 - 5,000 Therms /Yr)	(\$0.01046)	245	(\$2.56)
Commercial / Industrial -C (> 5,000 Therms /Yr)	(\$0.01279)	1,437	(\$18.37)
Small Volume Dual Fuel - A (< 120,000 Therms/Year)	(\$0.01487)	3,673	(\$54.60)
Small Volume Dual Fuel - B (> 120,000 Therms/Year)	(\$0.00706)	14,784	(104.42)
Large Volume Dual Fuel (Peak Day > 2,000 Therms)	\$0.00262	136,667	\$178.01
Large General Firm (Peak Day > 2,000 Therms)	(\$0.00672)	453,300	(\$311.52)

The calculation of the factors is detailed in Exhibit D-1, pages 1-16 CenterPoint Energy Minnesota Gas reflected the accrual by class for the 2018-2019 reporting period.

D-9) Monthly bill impact for the upcoming year? Include an analysis of typical uses
What is the monthly customer bill impact of the decoupling rate adjustment for customers during the recovery period? The bill impact analysis shall examine annual usages typical of customers having: a) the average residential levels of annual usage, b) natural gas space heat, c) water heat. This should be expressed as an average monthly dollar amount collected and percentage based on the total decoupling amount to be collected divided by total estimated revenue for residential customers.

Table D-9: Residential: Customer Bill impact									
		Use per Customer in Therms				Decoupling Impact			
		Space Heat	Water Heater	Heat + Water	Total	Space Heat	Water Heater	Heat + Water	Total
1	Sep-18	10	15	25	27	(0.18)	(0.27)	(0.46)	(0.49)
2	Oct-18	35	15	50	59	(0.64)	(0.27)	(0.92)	(1.08)
3	Nov-18	82	16	98	118	(1.50)	(0.29)	(1.80)	(2.16)
4	Dec-18	117	18	135	164	(2.14)	(0.33)	(2.47)	(3.00)
5	Jan-19	117	18	135	164	(2.14)	(0.33)	(2.47)	(3.00)
6	Feb-19	98	18	116	140	(1.80)	(0.33)	(2.13)	(2.56)
7	Mar-19	57	15	72	86	(1.04)	(0.27)	(1.32)	(1.58)
8	Apr-19	29	15	44	51	(0.53)	(0.27)	(0.81)	(0.93)
9	May-19	10	15	25	27	(0.18)	(0.27)	(0.46)	(0.49)
10	Jun-19	3	15	18	19	(0.05)	(0.27)	(0.33)	(0.35)
11	Jul-19	1	15	16	16	(0.02)	(0.27)	(0.29)	(0.29)
12	Aug-19	3	15	18	19	(0.05)	(0.27)	(0.33)	(0.35)
13	Total	562	190	752	890	(\$10.30)	(\$3.48)	(\$13.78)	(\$16.30)
		Total Bill : Assumes rates below				Decoupling % of Total Bill			
		Space Heat	Water Heater	Heat + Water	Total	Space Heat	Water Heater	Heat + Water	Total
14									
15	Sep-18	\$15.55	\$18.57	\$24.62	\$25.83	-1.2%	-1.5%	-1.9%	-1.9%
16	Oct-18	\$30.67	\$18.57	\$39.75	\$45.19	-2.1%	-1.5%	-2.3%	-2.4%
17	Nov-18	\$59.11	\$19.18	\$68.79	\$80.89	-2.5%	-1.5%	-2.6%	-2.7%
18	Dec-18	\$80.28	\$20.39	\$91.17	\$108.71	-2.7%	-1.6%	-2.7%	-2.8%
19	Jan-19	\$80.28	\$20.39	\$91.17	\$108.71	-2.7%	-1.6%	-2.7%	-2.8%
20	Feb-19	\$68.79	\$20.39	\$79.68	\$94.19	-2.6%	-1.6%	-2.7%	-2.7%
21	Mar-19	\$43.98	\$18.57	\$53.06	\$61.53	-2.4%	-1.5%	-2.5%	-2.6%
22	Apr-19	\$27.04	\$18.57	\$36.12	\$40.35	-2.0%	-1.5%	-2.2%	-2.3%
23	May-19	\$15.55	\$18.57	\$24.62	\$25.83	-1.2%	-1.5%	-1.9%	-1.9%
24	Jun-19	\$11.31	\$18.57	\$20.39	\$20.99	-0.5%	-1.5%	-1.6%	-1.7%
25	Jul-19	\$10.10	\$18.57	\$19.18	\$19.18	-0.2%	-1.5%	-1.5%	-1.5%
26	Aug-19	\$11.31	\$18.57	\$20.39	\$20.99	-0.5%	-1.5%	-1.6%	-1.7%
27	Total	\$453.99	\$228.94	\$568.93	\$652.41	-2.3%	-1.5%	-2.4%	-2.5%
28									
29		2017 RC Final				Total=2017 Rate Case UPC			
30		Basic Charge			\$9.50				
31		Billing Rate (\$/Therm)							
32		Cost of Gas			\$0.40410				
33		Delivery Charge w/o CIP			\$0.18674				
34		CIP (CCRC+CCRA)			\$0.02803	CIP = \$0.02362+\$0.00441			
35		Delivery Charge Total			\$0.21477				
36		Decoupling Adj			(\$0.01832)				
37		GAP			\$0.00441				
38		Total Billing Rate			\$0.60496				

Monthly estimated bill impacts of the decoupling factor for the residential class are illustrated in Table D-9 above. The Company used the 2017 Rate Case authorized

UPC for the “average” and estimated use for space and water heating monthly values based on annual use assumptions. Final 2017 Rate Case proposed rates were assumed for total bill impacts.

See Page 16 of Attachment D-1 for detailed class-level billing estimates for average use in classes other than Residential.

D-10) *Results under “Traditional”, (i.e., no decoupling) regulation. A comparison of how revenues under traditional regulation would have differed from those collected under the decoupling pilot; and an evaluation of if the pilot stabilized revenues for the class(es) under the pilot and how has such stabilization impacted the utility’s overall risk profile.*

From September 2018 – June 2019, CenterPoint Energy Minnesota Gas returned \$14,941,622 of its \$13,8 million accrual for Year 3 of the RD Rider, and estimates an additional \$632,000 will be returned in July and August 2019. The net amount will roll over into the Year 4 factors, as shown in Table D-1 above. The requested comparisons of revenue with and without decoupling (i.e. “traditional” rates) are detailed in attachments under D-10.

The decoupling deferral totaling (\$20,627,435) for the 2018-2019 period was approximately 6% of total revenue. Since revenue includes cost of gas, decoupling did not significantly impact overall revenue; however, decoupling does allow CenterPoint Energy Minnesota Gas to recover the revenue authorized by the Commission. The majority of proxy companies used to establish the Company’s return on equity (“ROE”) in base rates have a variety of revenue stabilization mechanisms. Therefore, the decoupling mechanism makes the Company more comparable to proxy companies and effects of revenue stabilization structure reflected in the ROE analysis.

D-11) Rate Case filings during evaluation period – impact on methods/mechanics. *Did CenterPoint Energy Minnesota Gas file any rate cases during the pilot period? If so, when? To the extent new base rates took effect during the pilot period, when did those new rates take effect and what impact did that have on the methods and mechanics of the RD Rider over/under collection calculations?*

During the Evaluation Period, CenterPoint Energy concluded its 2017 Rate Case. When the Revenue Decoupling evaluation report was prepared, the Company replaced Interim value basic charge and authorized per DT charges to reflect the final sales forecast (based on a 10-year weather-normal assumption) and final rates as though they were implemented at the beginning of the evaluation period, replacing Interim rates for the July 2018-October 2018 period. Final rates were implemented in November 2018.

In addition, the formulas for the “NON-GAS MARGIN cap” and “Allowed Net Non-Gas Revenues” were changed from an “IF” formula that selected the greater of the “Authorized Customers” and the “Actual Customers” for each month beginning in October 2017.

E. RELATED RATE AND CUSTOMER USAGE INFORMATION

E-1) Total Therms by rate schedule. What were total therm sales (and transportation) volumes by rate schedule in the period being evaluated?

Table E:1: Actual and Authorized Usage (DT)

	Actual July 2018 – June 2019	Authorized July 2018 – June 2019⁴²
Residential	78,735,587	70,127,630
Commercial A	2,481,615	2,460,505
Commercial/Industrial B	6,357,127	5,584,961
Commercial/Industrial C (Sales + Transport)	39,822,188	33,249,698
SVDF A (Sales + Transport)	5,656,154	5,202,971
SVDF B (Sales + Transport)	4,104,305	4,937,873
Large General Firm Service (Sales + Transport)	2,503,964	1,999,821
Large Volume Dual Fuel (Sales + Transport) ⁴³	16,232,362	15,010,169
Total	155,897,302	138,573,628

Please note that the volumes shown in table E-1 reflect CenterPoint Energy Minnesota Gas' cycle-month sales.

E-2) Gas Margin. What were total gas margin revenues by rate schedule, in the period being evaluated?

Revenue was calculated using rate tables. Values do not include sales tax or franchise fees. The values include estimated impacts of the inverted block rates when applicable, and the CE Rider when in effect.

⁴² July 2018 –June 2018: Docket No. G-008/GR-17-285 Final – 10 Year WN

⁴³ Combines Large Volume Firm and Large Volume Dual Fuel, excludes usage from Market Rate customers.

TABLE E-2: Revenue by Rate Class (in \$ millions)

12 Months ended June	Res	Com A	Com/ Ind B	Com/ Ind C	SVDF A	SVDF B	Lrg Vol ⁴⁴	Total
2008	\$822.0	\$29.6	\$61.4	\$284.5	\$98.7	\$80.8	N/A	\$1,377.0
2009	\$643.1	\$20.5	\$46.9	\$214.6	\$76.0	\$58.7	N/A	\$1,059.8
2010	\$559.1	\$18.3	\$40.0	\$176.9	\$59.5	\$42.8	N/A	\$896.6
2011	\$578.3	\$20.6	\$45.2	\$183.3	\$59.8	\$43.3	N/A	\$930.5
2012	\$412.4	\$13.9	\$28.7	\$128.2	\$41.0	\$29.4	N/A	\$653.6
2013	\$529.9	\$20.6	\$38.7	\$159.9	\$53.8	\$36.0	N/A	\$838.9
2014	\$695.7	\$25.2	\$53.7	\$231.7	\$74.5	\$47.6	N/A	\$1,128.4
2015	\$589.2	\$19.2	\$42.3	\$204.0	\$56.1	\$37.7	N/A	\$948.5
2016	\$423.8	\$14.4	\$28.4	\$140.9	\$35.4	\$23.9	\$59.4	\$726.2
2017	\$505.8	\$19.9	\$36.8	\$181.3	\$38.5	\$25.7	\$75.5	\$883.5
2018	\$591.6	\$23.0	\$44.0	\$230.0	\$31.2	\$25.3	\$76.9	1022.0
2019	\$608.5	\$21.2	\$44.4	\$246.0	\$29.4	\$20.3	\$81.9	\$1051.8

E-3) Customer Growth. What was the rate of average annual gas customer growth by rate schedule? How does this compare to CenterPoint Energy Minnesota Gas' historical levels of gas customer growth in pre-decoupling time period? What is the Company's forecast for future customer growth? What were the average annual customer count totals by rate schedule for the Evaluation Period?

The average rate of annual gas customer growth by rate schedule and the comparison of historical levels of customer growth in the pre-decoupling period are shown in TABLE E-3 Customer Growth. The pre-decoupling baseline period is defined as calendar years 2007 to 2009. The Company's forecast for future customer growth is shown in TABLE E-7B 5-Year Customer Forecast. The average annual customer count is shown below in TABLE E-4A: Customer Count.

⁴⁴ Combines Large Volume Firm and Large Volume Dual Fuel, excludes margin from Market Rate customers.

TABLE E-3 Customer Growth from Prior 12-Month Period⁴⁵

Ending Time Period	Res	Com A	Com/ Ind B	Com/ Ind C	SVDF A	SVDF B	Lrg Vol ⁴⁶	Total
12 Mos. ended June								
2009	0.7%	3.4%	1.5%	-2.7%	0.6%	-2.45%	N/A	0.7%
2010	0.5%	3.2%	-1.6%	-2.7%	-0.5%	-2.6%	N/A	0.5%
2011	0.6%	4.2%	-2.1%	-3.6%	-0.6%	-1.9%	N/A	0.5%
2012	0.4%	-1.6%	1.7%	1.8%	-0.6%	-2.6%	N/A	0.4%
2013	0.8%	6.7%	-4.6%	-4.3%	-1.3%	-2.2%	N/A	0.8%
2014	1.0%	-6.6%	6.3%	6.8%	-2.2%	-1.4%	N/A	0.9%
2015	1.1%	-2.5%	2.8%	4.1%	-6.5%	-3.5%	N/A	1.0%
2016	1.1%	1.2%	-1.0%	1.7%	-3.7%	-3.0%	N/A	1.0%
2017	1.1%	3.9%	-1.4%	-1.8%	-8.2%	-10.1%	2.3%	1.0%
2018	1.3%	-1.5%	1.2%	6.1%	-44.0%	-18.6%	0.9%	1.2%
2019	1.1%	-3.8%	3.6%	4.4%	-7.5%	-29.5%	10.5%	1.1%
2007-2019	0.9%	0.8%	0.7%	1.4%	-10.6%	-11.9%	N/A	

*E-4) Percentage of customers (count and sales volume) **residential versus commercial**. What proportion of customers subject to decoupling was residential versus commercial?*

Tables E-4A and E-4B provide a summary of the customer count and volume information.

⁴⁵ The pre-decoupling baseline period is defined as calendar years 2007 to 2009.

⁴⁶ Combines Large Volume Firm and Large Volume Dual Fuel, excludes margin from Market Rate customers.

TABLE E-4A: Customer Count

12 Months ended June	Res	Com/Ind⁴⁷	SVDF⁴⁸	Lrg Vol⁴⁹	Total	% Resid
2008	723,423	63,287	2,638	N/A	789,348	92%
2009	728,447	63,997	2,639	N/A	795,083	92%
2010	732,081	64,114	2,617	N/A	798,812	92%
2011	736,136	64,332	2,595	N/A	803,063	92%
2012	739,295	64,503	2,572	N/A	806,370	92%
2013	745,201	65,016	2,535	N/A	812,752	92%
2014	752,407	65,531	2,484	N/A	820,422	92%
2015	760,426	66,139	2,344	N/A	828,909	92%
2016	768,696	66,621	2,263	217	837,580	92%
2017	776,910	67,166	2,063	222	846,138	92%
2018	787,172	68,159	1,483	224	856,813	92%
2019	796,294	68,723	1,335	250	866,352	92%

⁴⁷ Combines Commercial A, Commercial/ Industrial B, and Commercial/ Industrial C customers.

⁴⁸ Combines Small Volume Dual Fuel A and Small Volume Dual Fuel B customers.

⁴⁹ Combines Large Volume Firm and Large Volume Dual Fuel, excludes count of Market Rate customers. For historical comparison purposes, the Large Volume customers are excluded from the total from 2016-2019.

TABLE E-4B: Usage (in million DT)

12 Months ended June	Res	Com/Ind⁵⁰	SVDF⁵¹	Lg Vol⁵²	Total⁵³	% Resid
2008	72.8	34.5	19.5	N/A	126.8	57%
2009	70.8	33.6	18.5	N/A	122.9	58%
2010	64.7	30.1	17.0	N/A	111.8	58%
2011	70.0	33.1	17.8	N/A	120.9	58%
2012	55.6	26.6	14.5	N/A	96.7	57%
2013	70.3	34.3	17.4	N/A	122.0	58%
2014	79.7	39.9	18.6	N/A	138.2	58%
2015	70.5	36.9	16.1	N/A	123.5	57%
2016	60.8	32.3	13.8	15.0	106.9	57%
2017	62.9	35.5	12.8	17.6	111.2	57%
2018	74.7	45.7	10.9	18.3	131.3	57%
2019	78.7	48.7	9.8	51.3	137.2	57%

⁵⁰ Combines Commercial A, Commercial/ Industrial B, and Commercial/ Industrial C customers.

⁵¹ Combines Small Volume Dual Fuel A and Small Volume Dual Fuel B customers.

⁵² Combines Large Volume Firm and Large Volume Dual Fuel, excludes margin from Market Rate customers.

⁵³ For historical comparison purposes, the LV volumes were excluded from the Total for 2016-2019.

E-5) Use per customer – On a rate schedule basis, how has actual annual gas use per customer changed through the periods being evaluated?

TABLE E-5: Use Per Customer (DT)⁵⁴

12 Months ended June	Res	Com A	Com/ Ind B	Com/ Ind C	SVDF A	SVDF B	Lg Vol ⁵⁵
2008	100.6	97.0	296.7	1,420.3	4,870	19,486	N/A
2009	97.3	78.3	287.1	1,437.6	4,733	18,219	N/A
2010	88.4	68.0	260.4	1,324.5	4,439	16,862	N/A
2011	95.1	80.3	304.7	1,476.5	4,708	17,884	N/A
2012	75.2	56.3	225.9	1,199.2	3,854	14,854	N/A
2013	94.3	84.0	325.8	1,562.2	4,826	17,410	N/A
2014	106.0	94.9	348.5	1,711.4	5,400	18,406	N/A
2015	92.7	77.5	291.3	1,560.4	4,863	17,081	N/A
2016	79.1	64.1	244.1	1,363.9	4,296	15,145	69,458
2017	81.0	71.4	270.1	1,519.1	4,325	15,743	79,199
2018	94.9	90.5	321.9	1,861.6	1,861	17,800	81,928
2019	98.9	88.3	319.5	1,923.2	5,077	18,607	74,895
Auth. ⁵⁶	89.0	81.2	294.0	1,727	4,407	17,741	77,350

E-6) Changes to Prices – Chronological listing of dockets, price-per-therm adjustments (commodity, delivery, demand, GAP, decoupling factors, etc.) What has been the change in the Company’s natural gas delivered average monthly price per therm by rate schedule pre-decoupling through the period being evaluated? Provide a detailed incremental chronological listing (including Docket #) and price per therm impact of all rate adjustments (commodity, general rate case, decoupling, etc.) What was the cumulative impact factoring in all rate adjustments from period before decoupling to the period being evaluated?

The chronological listing of dockets for price-per-term adjustments is shown in Attachment E-6A. The chronological listing of all billed rates from July 2007 to June

⁵⁴ Calculated using annual DT divided by average annual customer count.

⁵⁵ Combines Large Volume Firm and Large Volume Dual Fuel, excludes margin from Market Rate customers.

⁵⁶ Authorized Use Per Customer: 2017 Rate Case Settlement Values

2019 for each rate class included in decoupling is shown in Attachment E-6B. The pre-decoupling period baseline period is defined as calendar years 2007 to 2009.

E-7) *Forecast – 5 year projection of customers/use per customer/total sales/ margin. What is the Company’s most recently available five year forecast for (a) natural gas rates/prices, and (b) numbers of customers by rate schedule, and (c) usage per customer by rate schedule, and (d) overall therm volumes and margin revenues by rate schedule in each available projected future period?*

Natural Gas Rates/prices

The Company detailed its projections in its Annual Automatic Adjustment plan filing in section 8.1, made on the same day as the present report (September 3, 2019).

Number of customers

The number of customers by rate schedule in Table E-7A is provided in CenterPoint Energy Minnesota Gas annual Natural Gas Utility Information reported annually on July 1, 2019 report required by Minnesota Rules 7610.0800-7610.1130.

TABLE E-7B: 5-Year Customer Forecast⁵⁷

<u>Sales Service</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Annual Growth</u>
Residential	816,642	825,921	835,555	844,834	854,468	1.2%
Commercial A	28,742	29,036	29,330	29,624	29,918	1.0%
Com/Ind B	20,120	20,151	20,182	20,213	20,244	0.2%
Com/Ind C	20,384	20,471	20,558	20,645	20,732	0.4%
SVDF A	902	902	902	902	902	0.0%
SVDF B	158	158	158	158	158	0.0%
LVDF and LGS Firm	178	178	178	178	178	0.0%
Transport						
Com/Ind C	392	392	392	392	392	0.0%
SVDF A	95	95	95	95	95	0.0%
SVDF B	13	13	13	13	13	0.0%
LVDF and LGS Firm	131	131	131	131	131	0.0%
Total	<u>887,757</u>	<u>897,448</u>	<u>907,494</u>	<u>917,185</u>	<u>927,231</u>	<u>1.1%</u>

Usage per customer by rate schedule

The Usage per Customer information in Table E-7C is calculated as (total projected annual class use) divided by (the number of customers projected in the class). The Company provided this information in the annual Natural Gas Utility Information report filed on July 1, 2019. The report was required by Minnesota Rules 7610.0800-7610.1130.

⁵⁷ Forecast is annual average based on same process as provided in July 1 Report, Docket No. G-999/PR-19-19

TABLE E-7C: Five Year Use Per Customer Forecast (DT⁵⁸)

<u>Sales Service</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Residential	88.8	88.3	88.3	88.3	88.3
Commercial A	82.6	81.6	81.6	81.6	81.6
Com/Ind B	298.8	298.0	298.0	298.0	298.0
Com/Ind C	1,819	1,815	1,824	1,834	1,844
SVDF A	4,675	4,753	4,753	4,753	4,753
SVDF B	16,684	16,835	16,835	16,835	16,835
LVDF and LGS Firm	49,663	47,646	47,646	47,646	47,646
<u>Transport</u>					
Com/Ind C	2,026	2,008	2,020	2,036	2,051
SVDF A	4,674	4,747	4,747	4,747	4,747
SVDF B	16,692	16,846	16,846	16,846	16,846
LVDF and LGS Firm	422,275	422,275	422,275	422,275	422,275
Firm UPC	133.2	132.3	132.2	132.1	132.0

a) *Overall therm volumes and margin revenues by rate schedule in each available projected future period.*

The total volume forecast information in Tables E-7D1 and E-7D2 is provided in the annual Natural Gas Utility Information report filed annually on July 1. The Margin in Dollars for rate classes subject to decoupling in Table E-7D2 below is calculated as the margin rates multiplied by the forecasted volumes plus the number of customers x 12 months x monthly customer charge for each rate class. The LVDF and LGS Firm revenue numbers (Table E-7D: 2) do not include Market Rate customers.

⁵⁸ Note that 1 DT = 10 Therms.

TABLE E-7D 1: 5-Year Volume Forecast (DT)

<u>Sales Service</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Residential	72,501,000	72,959,000	73,770,000	74,583,000	75,408,000
Commercial A	2,375,000	2,370,000	2,394,000	2,418,000	2,442,000
Com/Ind B	6,012,000	6,005,000	6,014,000	6,023,000	6,032,000
Com/Ind C	37,069,000	37,147,000	37,506,000	37,873,000	38,233,000
SVDF A	4,217,000	4,287,000	4,287,000	4,287,000	4,287,000
SVDF B	2,636,000	2,660,000	2,660,000	2,660,000	2,660,000
LVDF and LGS Firm	8,840,000	8,481,000	8,481,000	8,481,000	8,481,000
Sale Service DT	126,692,000	127,589,000	128,220,000	129,223,000	129,995,000
<u>Transport</u>					
Com/Ind C	794,000	787,000	792,000	798,000	804,000
SVDF A	444,000	451,000	451,000	451,000	451,000
SVDF B	217,000	219,000	219,000	219,000	219,000
LVDF and LGS Firm	55,318,000	55,318,000	55,318,000	55,318,000	55,318,000
	56,773,000	56,775,000	56,780,000	56,786,000	56,792,000
Total Thruput	190,423,000	190,684,000	191,892,000	193,111,000	194,335,000

TABLE E-7D 2: Margin Forecast

<u>Sales Service</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Residential	\$248,807,586	\$250,849,038	\$253,689,099	\$256,492,985	\$259,363,114
Commercial A	\$10,315,198	\$10,357,293	\$10,462,171	\$10,567,048	\$10,671,926
Com/Ind B	\$15,608,675	\$15,604,217	\$15,627,805	\$15,651,393	\$15,674,981
Com/Ind C	\$70,169,366	\$70,342,157	\$70,958,787	\$71,588,054	\$72,206,264
SVDF A	\$5,838,668	\$5,925,615	\$5,925,615	\$5,925,615	\$5,925,615
SVDF B	\$3,198,405	\$3,225,998	\$3,225,998	\$3,225,998	\$3,225,998
LVDF and LGS Firm	* \$2,545,443	\$2,520,141	\$2,520,141	\$2,520,141	\$2,520,141
<u>Transport</u>					
Com/Ind C	\$1,422,273	\$1,411,217	\$1,419,114	\$1,428,591	\$1,438,068
SVDF A	\$728,762	\$737,457	\$737,457	\$737,457	\$737,457
SVDF B	\$278,891	\$281,190	\$281,190	\$281,190	\$281,190
LVDF and LGS Firm	* \$3,898,813	\$3,898,813	\$3,898,813	\$3,898,813	\$3,898,813

E-8) New Customer Information – impact on model:

a) What was the impact of new customers on the decoupling calculations for the period being evaluated? Specifically, what was:

- i. The number of customers used (by class) in the decoupling calculations,
- ii. The number of customers approved (by class) in the most recent general rate case,
- iii. The difference between i and ii,
- iv. The margin associated with iii, and
- v. The per customer impact of iv.

The monthly detail is shown in the models, in Attachment D-1 and is summarized below. All customers are treated the same in the model – there is no difference between a “new” customer and an established account.

TABLE E-8A: NUMBER OF CUSTOMERS

	July 18 - June 19 ⁵⁹	2017 Rate Case (October 2017 - September 2018) ⁶⁰	Difference
Res	796,294	787,054	9,240
ComA	28,115	30,324	(2,210)
Com/ Ind B	19,903	19,000	903
Com/ Ind C	20,706	19,255	1,451
SVDF A	1,114	1,181	(67)
SVDF B	221	278	(57)
Large Volume	250	251	(1)
Total	857,037	857,343	9,259

⁵⁹ Customer counts reflect annual averages

TABLE E-8B: ASSOCIATED MARGIN⁶⁰

	July 18 - June 19 ⁶¹	Authorized as Shown in Attachment D-1 ⁶²	Difference	Authorized Net Revenue Per Customer	Margin Associated with the Difference
Res	796,294	787,054	9,240	\$281.02	\$2,589,140
ComA	28,115	30,324	(2,210)	\$331.58	-\$735,996
Com/ Ind B	19,903	19,000	903	\$689.72	\$618,447
Com/ Ind C	20,706	19,255	1,451	\$2,785	\$4,082,026
SVDF A	1,114	1,181	(67)	\$4,389	-\$341,336
SVDF B	221	278	(57)	\$17,211	-\$982,305
Large Volume	250	251	(1)	\$43,100	\$10,818,100
Total	866,602	857,343	9,259		\$16,048,075

- b) *Did CenterPoint Energy Minnesota Gas implement any changes to the methodology to account for new customers during the course of the pilot?*
No changes were made to the methodology to account for new customers.
- c) *What were the monthly numbers of customers served, by rate schedule, in the evaluation period being reported on?*
See the model detail in Attachment D-1.
- d) *For the evaluation period being reported on, what was the actual average annual usage for customers subject to the decoupling rider?*
See the model detail in Attachment D-1.

E-9) Class Migration Information

- a) *What was the annual number of customer migrations as scheduled by the Company between rate classes during the time of the pilot?*

⁶⁰ For the July 2016 through June 2017.

⁶¹ Average customer count for Evaluation Period

⁶² Average customer count from the 2017 Rate Case Settlement: G-008/GR-17-285

CenterPoint Energy Minnesota Gas reviews the Commercial/Industrial firm classes annually to see if customers are in the correct sub-class. Sub-classes are based on weather-normalized annual usage. Customer migration based on the 2016 Annual review is summarized in Table E-9 and detailed in Attachment E-9.

TABLE E-9: 2018 Annual Review of Commercial / Industrial Firm Accounts

Review Period: 12 months ended May 2018
 Notification: Letter notification in July 2018
 Class Change: Updates took place in August 2018 billing

Sub-Class	Usage	Change in Customers	Change in DT
Commercial A	< 1,500 therms)	(1,151)	(-2,705,734)
Com/Ind B	(1,500 to 4,999 therms)	703	(-5,070,629)
Com/Ind C	(> 5,000 therms)	448	7,776,363
Total		0	0

- b) *Based on the answer to a) above, did customers' migration have any impact upon the decoupling accruals since initiation of the pilot? Furthermore, what is the actual (or estimated if actual data is not readily available) therm usage resulting from customer migrations between rate classes.*

CenterPoint Energy Minnesota Gas does not believe that class migration impacted the decoupling program materially. Changes in annual volumes and the effect on the latest rate case use by sub-class are summarized in Table E-9 and detailed class movement can be found in the Attachment E-9.

- c) *Does the Company periodically audit or verify rate class eligibility customer eligibility? If so, describe the timing and procedures for such audits.*

Yes, as described in part E-9(a), CenterPoint Energy Minnesota Gas verifies the eligibility of the Commercial/Industrial Firm Class annually. Each year, following the heating season, the Company reviews firm commercial and industrial customers use. When an individual customer's weather-normal use is estimated to fall outside the tariffed annual usage bands, the customer account is reassigned to the appropriate class and the customer is notified of the change.

F. OTHER INFORMATION

1. *Recognition of Decoupling by Credit Rating Agencies or financial analysts. Was the decoupling pilot Mechanism in Minnesota recognized in any public reports issued by credit rating agencies or financial analysts? If so, provide a copy of the report.*

Credit Rating Agencies

CenterPoint Energy Minnesota Gas searched the three rating agencies (Moody's, Fitch, and Standard and Poor's) for "decoupling" plus "Minnesota" in 2018/2019. A summary of those reports is included in Attachment F-1A. Please note that due to disclosure prohibitions and/or copyright laws the actual reports are not provided herein. The actual reports are available for review at the Company's office.

In general, the reports included in the summary only referenced that CenterPoint Energy Minnesota Gas had a decoupling program.

Financial Analyst Reports

CenterPoint Energy Minnesota Gas also checked the reports of financial analysts for references to "CenterPoint Energy" and "decoupling" in 2018 and 2019. There had been five in 2018, but no additional references through June 2019. A summary of those reports is included in Attachment F-1B. Please note that due to disclosure prohibitions and/or copyright laws the actual reports are not provided herein. The actual reports are available for review at the Company's office.

In general, the reports included in the summary generally referenced that CenterPoint Energy Minnesota Gas had implemented a decoupling program or referenced the existence of the Minnesota Decoupling Program.

2. Other Information the company or interested parties deem helpful?

a) *Problems encountered – suggestions for improvement*

CenterPoint Energy Minnesota Gas has no additional information to report at this time.

b) *Impact on service quality*

The most recent Service Quality report for 2018 was filed on May 1, 2019 under Docket No. G-008/M-19-300. The Company believes the RD Rider has not impacted the quality of service customers received during the Evaluation Period.

c) *Other*

In its February 15, 2018 Order⁶³ extending the decoupling pilot until a final decoupling determination could be made in the Rate Case, the Commission required changes to the decoupling program be applied during the extension period approval. The Order also required that future Annual Reports include live spreadsheets in Excel format, with formulas intact, that provide calculations for the new annual decoupling amounts, the reconciliation for the prior year's true-up amount, and the new decoupling factors. The 'live' spreadsheets were filed along with this Decoupling Evaluation Report.

The July 20, 2018 Order in the Company's 2017 Rate Case, as part of the approved settlement agreement, authorized the full decoupling rider as a permanent offering⁶⁴.

⁶³ Docket No. G-008/GR-13-316, February 15, 2018

⁶⁴ Docket No. G-008/GR-17-285: Order accepting and adopting Agreement

G. ATTACHMENT LIST

NAME	DESCRIPTION
D-1:	RD Rider Detailed Calculations
D-10:	Revenue Estimates – Under Traditional Rates v. Decoupled Rates
E-6A:	Chronological Dockets
E-6B:	Historical Rates
E-6B1:	Residential Rates
E-6B2:	Commercial A Rates
E-6B3:	Commercial / Industrial B Rates
E-6B4:	Commercial / Industrial C Rates
E-6B5:	SVDF A System + Transport Rates
E-6B6:	SVDF B System + Transport Rates
E-6B7:	Large Volume Rates
E-9:	Detailed Class Migration
F-1A:	Credit Rating Agency Reports
F-1B:	Financial Analyst Reports

Section G - Attachments

Found in Excel File	Report Section	Attachment Page		Excel File Tab	NOTES
(1)	D-1	1	Final Billing Factors	D1 p1 Factor	
(2)	D-1	2	Year-End Results - Summary	D1 p2 Summary	
(1)	D-1	3	Detail of Prior Period Balance	D1 p3 Detailed Factor 2018-19	
			<u>By-Class Detailed Results</u>		
(2)	D-1	4	Residential Summary	Resid	a, b
(2)	D-1	5	Commercial - A Summary	Com A	a, b
(2)	D-1	6	Commercial / Industrial - B Summary	ComInd B	a, b
(2)	D-1	7	Commercial / Industrial - C Summary	ComInd C	a, b
(2)	D-1	8-9	Small Volume Dual Fuel - A Summary	SmDF A S&T	a
(2)	D-1	10-11	Small Volume Dual Fuel - A Summary	SmDF B S&T	a
(2)	D-1	12-13	Large Volume Dual Fuel - Standard Rate Summary	LVDF-Std Only S&T	a
(2)	D-1	14-15	Large Volume Firm - Standard Rate Summary	LG Firm Std Only S&T	a
(1)	D-1	16	Annual Average Billing impact	D1 p16 Annual Bill	
(1)	D-8		Annual Bill Impact	Table D8 Monthly Factor	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 Res	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 ComA	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 ComIndB	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 ComIndC	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 SVDF A	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 SVDF B	
(3)		D-10	Calculation of Revenue under traditional rates	Table D-10 LVDF	
(3)		E-6A	Detailed Chronological Listing of Docket Numbers	E-6A Dockets	
(3)		E-6B1	Residential Rates	Res 1	
(3)		E-6B2	Commercial A Rates	ComA 1	
(3)		E-6B3	Commercial/Industrial B Rates	ComIndB 1	
(3)		E-6B4	Commercial/Industrial B Rates	ComIndC 1	
(3)		E-6B5	Small Volume Dual Fuel - A (System + Transport)	SVDF A 1	
(3)		E-6B6	Small Volume Dual Fuel - B (System + Transport)	SVDF B 1	
(3)		E-6B6	Large Volume Dual Fuel (System + Transport)	LVDF 1	
	F-1A:		Credit Rating Agency Report Summary		
	F-1B:		Financial Analyst Report Summary		

EXCEL FILE NAME:

Report Section	Attachment Page	Found in Excel File	NAME	Excel File Tab	NOTES
		(1)	<u>Decoupling Revenue for Sept 2018-August 2019 FINAL.xlsx</u>		
			<u>Tabs and Data found only in the Excel file- summary values pulled to other schedules</u>		
			Report summary - dollars billed under the RD Rider	HANA Revenue Sep 2017 - Aug 18	
			Estimate of August 2018 RD Rider recovery	Projected Recovery	
			Report dollars billed under the RD Rider Prior Period	HANA Sep 16-Aug 17	
		(2)	<u>RD Rider - FINAL 2018 2019 FINAL.xlsx</u>		
			<u>Tabs and Data found only in the Excel file</u>		
			Data: Calculations that support tables in the report		
D			Revenue with Decoupling	D7 Table	
E			Sales Volume (DT) Comparison	E1 Table	
			<u>Tabs and Data found only in the Excel file</u>		
	INPUT		Sales Detail (Customer / Actual Sales)	Sales Detail	d
	INPUT		Cycle Sales by class/ by month (small firm volumes) for Year-E	DATA Cycle Sales	
			not used - report summary from prior year	D1 p3 2016-2017 Factors	
			Report summary from prior year	2016-17 Summary	
		(3)	<u>Decoupling Report Tables thru 06 2019.xlsx</u>		
G	Many		Pulls data to make tables for the report	Tab	
			<u>Tabs and Data found only in the Excel file</u>		
			Detailed Estimate of Revenue under Traditional Rates	Res 2	
			(Summary found in Table(s) D-10	ComA 2	
				ComIndB 2	
				ComIndC 2	
				SVDF A 2	
				SVDF B 2	
				LVDF 2	
	INPUT		Sales Detail - Cycle Sales	Sales	c

NOTES:

- a hidden lines contain prior year's calculations
- b Small Firm classes- hidden rows reflect accounting entries that reflect calendar sales
- at year-end, adjustment is made to reflect cycle sales data, per Tariff and Evaluation Plan
- c hidden Columns - Prior Year data / hidden lines contain RC Forecasts under Interim rates
- d hidden rows contain the telemetered class' accrual estimate - reversed following month
(Used in company books - not used in charges to customers)

Decoupling Factors: Effective September 1, 2019 - August 31, 2020
Collecting (Over) / Under recoveries for the period July 2018-June 2019

	(\$ / THERM)	
Residential	(\$0.01832)	Credit
Commercial - A (Less than 1500 Therms Annual Use)	(\$0.01403)	Credit
Commercial / Industrial -B (1,500 - 5,000 Therms Annual Use)	(\$0.01046)	Credit
Commercial / Industrial -C (Greater than 5,000 Therms Annual Use)	(\$0.01279)	Credit
Small Volume Dual Fuel - A - Less than 120,000 Therms per Year	(\$0.01487)	Credit
Small Volume Dual Fuel - B - Greater than 120,000 Therms per Year	(\$0.00706)	Credit
Large Volume Dual Fuel - Peak Day Greater Than 2,000 Therms	\$0.00262	Surcharge
Large Volume Firm - Peak Day Greater Than 2,000 Therms	(\$0.00672)	Credit

2018-2019 Decoupling Summary

(A)	(B) Original	Use Per Customer (UPC)		Actual Revenue / Customer	Authorized Revenue / Customer	NON GAS MARGIN CAP	YTD Net Under(OVER)		10% Cap	Decoupling Revenue
		(C) Actual	(D) Authorized	(E)	(F)		(G) (\$) (H)	(I) (%)		
(1)	Residential	98.5	89.0	\$297.92	\$280.21	\$226,581,831	(\$13,774,109)	-6.1%	\$22,658,183	(\$13,774,109)
(2)	Com- A	88.2	81.2	\$346.13	\$333.03	\$9,473,473	(\$358,662)	-3.8%	\$947,347	(\$358,662)
(3)	Com-Ind B	318.7	294.0	\$721.35	\$684.88	\$13,939,521	(\$676,681)	-4.9%	\$1,393,952	(\$676,681)
(4)	Com-Ind C	1,918.1	1,726.8	\$3,062.03	\$2,813.25	\$63,401,654	(\$4,954,043)	-7.8%	\$6,340,165	(\$4,954,043)
(5)										
(6)	SVDF-A	5,097.2	4,402.6	\$5,772.91	\$5,094.57	\$5,654,521	(\$776,992)	-13.7%	\$565,452	(\$776,992)
(7)	SVDF-B	19,639.1	17,702.7	\$18,059.13	\$17,233.42	\$3,629,832	(\$353,711)	-9.7%	\$362,983	(\$353,711)
(8)										
(9)	LVDF - STD	77,624	81,136	\$47,223.71	\$48,820.34	\$10,227,331	\$365,444	3.6%	\$1,022,733	\$365,444
(10)	LV- FIRM	60,727	55,551	\$39,187.68	\$36,831.00	\$1,622,215	(\$98,681)	-6.1%	\$162,222	(\$98,681)
(11)										
(12)										
(13)	TOTAL					\$334,530,378	(\$20,627,435)		\$33,453,038	(\$20,627,435)
(14)										

decrease due to CAP

\$0

2018-2019 RD Rider: Decoupling - Year 4

Decoupling Factors: Effective September 1, 2019 - August 31, 2020

BAL THRU FINAL 7/19/19

Detail of Collecting Over/Under recoveries for the period July 2018-June 2019

(a)	YR 2 Decoupling			Yr 3 Returned 09/18 - 06/19	Estimated 07/19 - 09/19		MODEL- FINAL			2017 Final Rate Case (Settlement 10 Yr WN)	Billing Factor	(\$ / THERM) (m=k/10)	
	YR 2 Decoupling Revenue-Filed	Revenue-Actual thru Aug 2018 (Sept)	Total (d= b - c)		Collected (g= e+ f)	Balance (h=c-g)	Deferred 07/18 - 06/19 (i)	Total Dollars (Over) / Under (j=h + i)	Sales (DT) (k)				
Residential	(\$8,473,354)	(\$8,528,081)	\$54,727	(\$9,120,700)	(\$332,339)	(\$9,453,038)	\$924,958	(\$13,774,109)	(\$12,849,151)	70,127,630	-0.1832	(\$0.01832)	Credit
Commercial - A	(\$589,504)	(\$586,337)	(\$3,167)	(\$580,823)	(\$18,953)	(\$599,776)	\$13,439	(\$358,662)	(\$345,223)	2,460,505	-0.1403	(\$0.01403)	Credit
Commercial / Industrial -B	(\$664,614)	(\$661,847)	(\$2,767)	(\$730,162)	(\$24,215)	(\$754,377)	\$92,531	(\$676,681)	(\$584,150)	5,584,961	-0.1046	(\$0.01046)	Credit
Commercial / Industrial -C	(\$3,831,822)	(\$3,835,338)	\$3,515	(\$4,317,370)	(\$220,728)	(\$4,538,098)	\$702,761	(\$4,954,043)	(\$4,251,282)	33,249,697	-0.1279	(\$0.01279)	Credit
Small Volume Dual Fuel - A -	(\$35,580)	(\$34,060)	(\$1,520)	(\$36,088)	(\$1,512)	(\$37,599)	\$3,539	(\$776,992)	(\$773,453)	5,202,972	-0.1487	(\$0.01487)	Credit
Small Volume Dual Fuel - B - Greater than 120,000 Therms per Year	\$19,207	\$20,851	(\$1,645)	\$14,608	\$1,280	\$15,889	\$4,963	(\$353,711)	(\$348,748)	4,937,873	-0.0706	(\$0.00706)	Credit
Large Volume Dual Fuel - Peak Day Greater Than 2,000 Therms	(\$432,315)	(\$432,173)	(\$142)	(\$390,044)	(\$58,763)	(\$448,807)	\$16,634	\$365,444	\$382,078	14,595,027	0.0262	\$0.00262	Surcharge
Large Volume Firm - Peak Day Greater Than 2,000 Therms	\$203,471	\$206,010	(\$2,539)	\$218,955	\$22,833	\$241,789	(\$35,779)	(\$98,681)	(\$134,460)	1,999,821	-0.0672	(\$0.00672)	Credit
	(\$13,804,512)	(\$13,850,974)	\$46,462	(\$14,941,622)	(\$632,396)	(\$15,574,019)	\$1,723,045	(\$20,627,435)	(\$18,904,390)	138,158,486			

- (b) - original filing - included two months estimated recovery (July/Aug)
- (c) - Actual Revenue (July/Aug Actual)
- (d) - 2017-2018 - Year 3 - Estimate difference - Carry Over
- (e) - actual thru 06 2019
- (f) - July/Aug Estimate using Factor x RC sales volumes (2017 Settlement)
- (g) - Total collected
- (h) - Balance from 2018-2019 - Over Collected
- (i) - Year-End - See page 2
- (j) - Dollars included in RD rider factor
- (k) - 2017 Rate Case Sales Volumes
- (l) - Charge/DT
- (m) - Charge per therm

LV Firm - MR	21,390,487	exempt
LVDF-MR-S	2,198,890	exempt
LVDF-MR-T	16,313,874	exempt
total	<u>178,061,737</u>	check

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
RESIDENTIAL

YEAR 4

Line No.		2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								Annual	Average		
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18			Jun-18	
(1)	Authorized Customers	786,033	786,053	787,771	782,818	784,948	787,743	788,517	788,876	789,072	788,843	787,296	786,680	9,444,650	787,054	
(2)	Authorized Sales (15-424) - DT	1,493,463	1,257,685	1,496,765	2,113,609	4,631,193	9,295,367	12,931,679	12,937,566	11,047,008	6,784,050	4,015,210	2,124,036	70,127,630	787,054	
(3)	UPC - DT	1.90	1.60	1.90	2.70	5.90	11.80	16.40	16.40	14.00	8.60	5.10	2.70	89.00	89.00	
(4)	Authorized Non-Gas RevReq															
(5)	Authorized Basic Charge	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50			
(6)	Authorized Delivery Charge per DT ⁽¹⁾	\$2.30300	\$2.30300	\$2.30300	\$2.19180	\$2.19180	\$2.19180	\$2.19180	\$2.19180	\$2.19180	\$2.19180	\$2.19180	\$2.19180			
(7)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030			
(8)	Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410			
(9)	Net Authorized Delivery Charge per DT	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740	\$1.86740			
(10)	Authorized Basic Charge Revenues	\$7,467,314	\$7,467,504	\$7,483,825	\$7,436,771	\$7,457,006	\$7,483,559	\$7,490,912	\$7,494,322	\$7,496,184	\$7,494,009	\$7,479,312	\$7,473,460	\$89,724,175	\$89,724,175	
(11)	Net Authorized Delivery Charge Revenues	\$2,788,892	\$2,348,601	\$2,795,059	\$3,946,953	\$8,648,290	\$17,358,169	\$24,148,617	\$24,159,611	\$20,629,183	\$12,668,535	\$7,498,002	\$3,966,425	\$130,956,337	\$134,048,965	
(12)	Net Authorized Non-Gas Revenues	\$10,256,206	\$9,816,104	\$10,278,883	\$11,383,724	\$16,105,296	\$24,841,728	\$31,639,528	\$31,653,933	\$28,125,367	\$20,162,543	\$14,977,314	\$11,439,885	\$220,680,512	\$223,773,140	
(13)																
(14)	Allowed Net RPC	\$13.05	\$12.49	\$13.05	\$14.54	\$20.52	\$31.54	\$40.13	\$40.13	\$35.64	\$25.56	\$19.02	\$14.54	\$280.21	\$280.21	
(15)	CAP - UPC (including GAP)	13.13	12.56	13.13	14.66	20.78	32.06	40.85	40.85	36.26	25.94	19.25	14.66	\$284.12	\$284.12	
(16)																
(17)	(1) - Includes Delivery + CCRA + GAP	\$2.30300	incl \$1.8674 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.1553 CCRA													
(18)	(2) - CCRC + CCRA	\$2.19180	incl \$1.8674 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.0441 CCRA													
(19)																
(20)																
(21)	ACTUAL RESULTS - CYCLE 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	Annual	Average	
(22)	Actual Customers	789,873	789,563	790,835	794,591	796,970	797,907	798,914	799,346	799,459	799,861	799,413	798,799	9,555,531	796,294	
(23)	Actual Sales - DT	1,193,099	1,620,422	998,885	3,326,176	6,875,709	9,631,092	13,484,160	13,412,401	13,092,906	7,590,976	5,119,094	2,081,943	78,426,862	78,426,862	
(24)	Actual UPC - DT	1.51	2.05	1.26	4.19	8.63	12.07	16.88	16.78	16.38	9.49	6.40	2.61	98.49	98.49	
(25)																
(26)	NON-GAS MARGIN cap	\$10,372,494	\$9,915,648	\$10,385,127	\$11,649,538	\$16,559,323	\$25,577,467	\$32,634,518	\$32,652,165	\$28,989,183	\$20,747,514	\$15,387,621	\$11,711,232	\$226,581,831	\$22,658,183	
(27)	Authorized Basic Charge	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	\$9.50	10% Cap =	\$0.3231	
(28)	Authorized Delivery Charge per DT ⁽¹⁾	\$2.3030	\$2.3030	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918	\$2.1918			
(29)	Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803			
(30)	Authorized GAP Charge per DT	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441			
(31)	Net Authorized Delivery Charge per DT	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674	\$1.8674			
(32)	Actual Basic Charge Revenues	\$7,503,794	\$7,500,849	\$7,512,933	\$7,548,615	\$7,571,215	\$7,580,117	\$7,589,683	\$7,593,787	\$7,594,861	\$7,598,680	\$7,594,424	\$7,588,591	\$90,777,545	\$90,777,545	
(33)	Actual Delivery Charge Revenues	\$2,227,993	\$3,025,977	\$1,865,317	\$6,211,301	\$12,839,698	\$17,985,100	\$25,180,321	\$25,046,317	\$24,449,693	\$14,175,388	\$9,559,397	\$3,887,820	\$146,454,323	\$146,454,323	
(34)	Actual Non-Gas Revenues	\$9,731,787	\$10,526,825	\$9,378,249	\$13,759,916	\$20,410,913	\$25,565,217	\$32,770,004	\$32,640,104	\$32,044,554	\$21,774,068	\$17,153,820	\$11,476,410	\$237,231,867	\$237,231,867	
(35)	Allowed Net Non-Gas Revenues	\$10,307,843	\$9,861,642	\$10,320,397	\$11,553,353	\$16,353,824	\$25,165,987	\$32,060,419	\$32,077,755	\$28,492,719	\$20,444,447	\$15,204,835	\$11,614,537	\$223,457,758	\$223,457,758	
(36)	Under / (Over) Collection - Accrual	\$576,056	(\$665,183)	\$942,147	(\$2,206,562)	(\$4,057,089)	(\$399,230)	(\$709,585)	(\$562,349)	(\$3,551,835)	(\$1,329,620)	(\$1,948,985)	\$138,127	(\$13,774,109)	(\$0.1964)	

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Commercial - A (Less than 1500 Therms Annual Use)

Year 4

Line No.	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL										Annual	Average
	Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18			
(1) Authorized Customers	30,408	30,439	30,470	30,124	30,193	30,262	30,282	30,300	30,320	30,341	30,362	30,390	363,891	30,324	
(2) Authorized Sales (15-424) - DT	39,530	39,571	42,658	48,198	120,772	317,751	502,681	530,250	412,352	230,592	121,448	54,702	2,460,505		
(3) UPC - DT	1.30	1.30	1.40	1.60	4.00	10.50	16.60	17.50	13.60	7.60	4.00	1.80	81.20		
(4) Authorized Non-Gas RevReq															
(5) Authorized Basic Charge	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00		
(6) Authorized Delivery Charge per DT ⁽¹⁾	\$2.32020	\$2.32020	\$2.32020	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900		
(7) Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030		
(8) Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410		
(9) Net Authorized Delivery Charge per DT	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460		
(10) Authorized Basic Charge Revenues	\$456,120	\$456,585	\$457,050	\$451,860	\$452,895	\$453,930	\$454,230	\$454,500	\$454,800	\$455,115	\$455,430	\$455,850	\$5,458,365	\$5,458,365	
(11) Net Authorized Delivery Charge Revenues	\$74,499	\$74,575	\$80,393	\$90,835	\$227,607	\$598,834	\$947,353	\$999,309	\$777,119	\$434,573	\$228,881	\$103,091	\$4,637,068	\$4,745,577	
(12) Net Authorized Non-Gas Revenues	\$530,619	\$531,160	\$537,443	\$542,695	\$680,502	\$1,052,764	\$1,401,583	\$1,453,809	\$1,231,919	\$889,688	\$684,311	\$558,941	\$10,095,433	\$10,203,942	
(13)															
(14) Allowed Net RPC	\$17.45	\$17.45	\$17.64	\$18.02	\$22.54	\$34.79	\$46.28	\$47.98	\$40.63	\$29.32	\$22.54	\$18.39	\$333.03		
(15) CAP - UPC (including GAP)	17.51	17.51	17.70	18.09	22.71	35.25	47.02	48.75	41.23	29.66	22.71	18.47	\$336.61		
(16)															
(17) (1) - Includes Delivery + CCRA + GAP	\$2.32020	incl \$1.8846 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.1553 CCRA													
(18) (2) - CCRC + CCRA	\$2.20900	incl \$1.8846 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.0441 CCRA													
(19)															
(20)															
(21) ACTUAL RESULTS - CYCLE SALES															
(22) Actual Customers	28,968	27,722	27,719	27,915	28,077	28,153	28,239	28,240	28,220	28,110	28,046	27,965	337,374	28,115	
(23) Actual Sales - DT	27,214	29,091	15,328	54,578	169,252	318,677	442,886	501,383	493,778	242,710	143,490	39,930	2,478,317		
(24) Actual UPC - DT	0.94	1.05	0.55	1.96	6.03	11.32	15.68	17.75	17.50	8.63	5.12	1.43	88.15		
(25)															
(26) NON-GAS MARGIN cap	\$507,152	\$485,338	\$490,631	\$504,868	\$637,763	\$992,431	\$1,327,697	\$1,376,764	\$1,163,520	\$833,690	\$637,059	\$516,560	\$9,473,473	\$947,347 MARGIN CAP	
(27) Authorized Basic Charge	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	10% Cap = \$0.3850 Per DT	
(28) Authorized Delivery Charge per DT ⁽¹⁾	\$2.32020	\$2.32020	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900	\$2.20900		
(29) Authorized CIP Charge per DT	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030		
(30) Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410		
(31) Net Authorized Delivery Charge per DT	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460	\$1.88460		
(32) Actual Basic Charge Revenues	\$434,520	\$415,830	\$415,785	\$418,725	\$421,155	\$422,295	\$423,585	\$423,600	\$423,300	\$421,650	\$420,690	\$419,475	\$5,060,610		
(33) Actual Delivery Charge Revenues	\$51,288	\$54,825	\$28,887	\$102,858	\$318,972	\$600,579	\$834,663	\$944,907	\$930,575	\$457,412	\$270,421	\$75,251	\$4,670,636		
(34) Actual Non-Gas Revenues	\$485,808	\$470,655	\$444,672	\$521,583	\$740,127	\$1,022,874	\$1,258,248	\$1,368,507	\$1,353,875	\$879,062	\$691,111	\$494,726	\$9,731,246		
(35) Allowed Net Non-Gas Revenues	\$505,492	\$483,749	\$488,963	\$503,028	\$632,856	\$979,443	\$1,306,901	\$1,354,955	\$1,146,579	\$824,185	\$632,157	\$514,276	\$9,372,584		
(36) Under / (Over) Collection - Accrual	\$19,684	\$13,094	\$44,291	(\$18,555)	(\$107,271)	(\$43,431)	\$48,653	(\$13,552)	(\$207,296)	(\$54,876)	(\$58,954)	\$19,550	(\$358,662)	(\$0.1458) Factor w/o PP	

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Commercial / Industrial -B (1,500 - 5,000 Therms Annual Use)

YEAR 4

Line No.	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL										Annual	Average
	Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18			
(1) Authorized Customers	19,000	19,000	19,000	19,002	19,001	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	228,003	19,000
(2) Authorized Sales (15-424) - DT	112,183	91,308	85,615	118,325	310,434	737,478	1,097,370	1,119,634	924,012	543,646	294,820	150,137	5,584,961		
(3) UPC - DT	5.90	4.81	4.51	6.23	16.34	38.81	57.76	58.93	48.63	28.61	15.52	7.90	293.95		
(4) Authorized Non-Gas RevReq															
(5) Authorized Basic Charge	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00		
(6) Authorized Delivery Charge per DT ⁽¹⁾	\$1,908.20	\$1,908.20	\$1,908.20	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00	\$1,797.00		
(7) Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030		
(8) Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410		
(9) Net Authorized Delivery Charge per DT	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260	\$1.47260		
(10) Authorized Basic Charge Revenues	\$399,000	\$399,000	\$399,000	\$399,042	\$399,021	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$4,788,063	\$4,788,063
(11) Net Authorized Delivery Charge Revenues	\$165,200	\$134,460	\$126,077	\$174,246	\$457,145	\$1,086,011	\$1,615,986	\$1,648,772	\$1,360,700	\$800,573	\$434,151	\$221,091	\$8,224,413	\$8,470,710	
(12) Net Authorized Non-Gas Revenues	\$564,200	\$533,460	\$525,077	\$573,288	\$856,166	\$1,485,011	\$2,014,986	\$2,047,772	\$1,759,700	\$1,199,573	\$833,151	\$620,091	\$13,012,476	\$13,258,773	
(13)															
(14) Allowed Net RPC	\$29.69	\$28.08	\$27.64	\$30.17	\$45.06	\$78.16	\$106.05	\$107.78	\$92.62	\$63.14	\$43.85	\$32.64	\$684.88		
(15) CAP - UPC (including GAP)	29.96	28.29	27.83	30.44	45.78	79.87	108.60	110.38	94.76	64.40	44.53	32.98	\$697.82		
(16)															
(17) (1) - Includes Delivery + CCRA + GAP	\$1,908.20	incl \$1.4726 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.1553 CCRA													
(18) (2) - CCRC + CCRA	\$1,797.00	incl \$1.4726 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.0441 CCRA													
(19)															
(20)															
(21) ACTUAL RESULTS - CYCLE SALES															
(22) Actual Customers	19,100	19,813	19,811	19,938	20,033	20,037	20,063	20,070	20,065	20,025	19,961	19,920	238,836	19,903	
(23) Actual Sales - DT	73,233	87,156	63,842	193,059	494,791	820,654	1,094,397	1,204,817	1,169,237	625,612	372,950	143,821	6,343,570		
(24) Actual UPC - DT	3.83	4.40	3.22	9.68	24.70	40.96	54.55	60.03	58.27	31.24	18.68	7.22	318.72		
(25)															
(26) NON-GAS MARGIN cap	\$572,143	\$560,486	\$551,426	\$607,002	\$917,101	\$1,600,359	\$2,178,821	\$2,215,251	\$1,901,369	\$1,289,555	\$888,951	\$657,059	\$13,939,521	\$1,393,952	MARGIN CAP
(27) Authorized Basic Charge	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	10% Cap =	\$0.2496 Per DT
(28) Authorized Delivery Charge per DT ⁽¹⁾	\$1,908.2	\$1,908.2	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0	\$1,797.0		
(29) Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(30) Authorized GAP Charge per DT	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441		
(31) Net Authorized Delivery Charge per DT	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726	\$1.4726		
(32) Actual Basic Charge Revenues	\$401,100	\$416,073	\$416,031	\$418,698	\$420,693	\$420,777	\$421,323	\$421,470	\$421,365	\$420,525	\$419,181	\$418,320	\$5,015,556		
(33) Actual Delivery Charge Revenues	\$107,842	\$128,345	\$94,014	\$284,299	\$728,629	\$1,208,495	\$1,611,610	\$1,774,213	\$1,721,819	\$921,277	\$549,207	\$211,791	\$9,341,541		
(34) Actual Non-Gas Revenues	\$508,942	\$544,418	\$510,045	\$702,997	\$1,149,322	\$1,629,272	\$2,032,933	\$2,195,683	\$2,143,184	\$1,341,802	\$968,388	\$630,111	\$14,357,097		
(35) Allowed Net Non-Gas Revenues	\$567,079	\$556,349	\$547,576	\$601,529	\$902,687	\$1,566,092	\$2,127,681	\$2,163,145	\$1,858,420	\$1,264,379	\$875,290	\$650,189	\$13,680,416		
(36) Under / (Over) Collection - Accrual	\$58,137	\$11,931	\$37,531	(\$101,468)	(\$246,635)	(\$63,180)	\$94,749	(\$32,539)	(\$284,764)	(\$77,423)	(\$93,098)	\$20,078	(\$676,681)	(\$0.1212)	Factor w/o PP

RD RIDER: Decoupling Model - ACTUAL (not WN) SALES
Docket G-008/M-19-____
Commercial / Industrial - C (Greater than 5,000 Therms Annual Use)
Sales Service + Transport

Line No.	Comind C - TEST YEAR FINAL	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								PAGE 7		
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Annual	Average
(1)	Authorized Customers (Sales)	18,806	18,808	18,810	18,783	18,790	18,796	18,797	18,798	18,799	18,801	18,803	18,805	225,596	18,800
(2)	Authorized Customers (Trans)	459	461	461	443	450	450	453	455	455	457	459	459	5,462	455
(3)	Authorized Sales - DT (Sales)	969,879	895,563	1,104,270	1,259,038	2,169,177	4,116,227	5,488,062	5,440,927	4,711,194	3,101,231	1,925,913	1,224,435	32,405,915	
(4)	Authorized Sales - DT (Trans)	26,114	24,489	29,345	33,592	56,850	106,246	141,415	140,206	121,692	80,632	50,564	32,639	843,782	
(5)	UPC - DT (combined)	51.70	47.62	58.71	67.23	115.70	219.39	292.44	289.88	251.01	165.22	102.61	65.26	1,726.77	
(6)	Authorized Non-Gas RevReq														
(7)	Authorized Basic Charge	\$ 47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	
(8)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.73480	\$1.73480	\$1.73480	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	\$1.62360	
(9)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(10)	Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	
(11)	Net Authorized Delivery Charge per DT	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	\$1.29920	
(12)	Authorized Basic Charge Revenues	\$893,285	\$893,380	\$893,475	\$913,235	\$913,900	\$914,185	\$914,375	\$914,518	\$914,565	\$914,755	\$914,945	\$915,040	\$10,909,658	\$10,909,658
(13)	Net Authorized Delivery Charge Revenues	\$1,260,067	\$1,163,515	\$1,434,668	\$1,679,385	\$2,892,053	\$5,485,837	\$7,313,816	\$7,251,007	\$6,278,885	\$4,133,876	\$2,567,838	\$1,633,191	\$43,094,139	\$43,530,866
(14)	Net Authorized Non-Gas Revenues	\$2,153,352	\$2,056,895	\$2,328,143	\$2,592,620	\$3,805,953	\$6,400,022	\$8,228,191	\$8,165,525	\$7,193,450	\$5,048,631	\$3,482,783	\$2,548,231	\$54,003,796	\$54,440,523
(15)															
(16)	Allowed Net RPC	\$114.50	\$109.36	\$123.77	\$134.85	\$197.81	\$332.54	\$427.44	\$424.12	\$373.61	\$262.16	\$180.81	\$132.28	\$2,813.25	\$2,889.40
(17)	CAP - UPC (including GAP)	116.78	111.46	126.36	137.81	202.92	342.21	440.34	436.90	384.68	269.44	185.34	135.16		
(18)															
(19)	(1) - Includes Delivery + CCRA + GAP														
(20)	(2) - CCRC + CCRA														
(21)		\$1.73480	incl \$1.2992 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.1553 CCRA												
(22)		\$1.62360	incl \$1.2992 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 GAP + \$0.0441 CCRA												
(23)															
(24)	ACTUAL RESULTS - CYCLE SALES														
(25)	Actual Customers (Sales)	19,725	20,143	20,181	20,259	20,400	20,431	20,469	20,506	20,501	20,500	20,506	20,516	244,137	20,345
(26)	Actual Customers (Trans)	351	351	350	350	350	368	370	370	370	370	366	366	4,332	361
(27)															20,706
(28)	Actual Sales - DT - (Sales)	804,326	920,194	684,079	1,461,843	2,948,932	4,390,411	5,640,929	5,998,599	6,176,332	3,727,910	2,606,892	1,242,141	36,602,588	
(29)	Actual Sales - DT - (Transport)	93,844	93,045	96,179	106,547	199,713	361,639	398,643	518,611	458,247	398,743	226,843	161,627	3,113,681	
(30)	total	898,170	1,013,239	780,258	1,568,390	3,148,645	4,752,050	6,039,572	6,517,210	6,634,579	4,126,653	2,833,735	1,403,768	39,716,269	
(31)	Actual Combined S&T UPC - DT	44.74	49.44	38.00	76.10	151.74	228.47	289.82	312.19	317.89	197.73	135.77	67.22	1,918.13	
(32)															
(33)	NON-GAS MARGIN cap	\$2,344,432	\$2,284,316	\$2,594,307	\$2,840,222	\$4,210,526	\$7,117,690	\$9,176,143	\$9,120,743	\$8,028,604	\$5,623,295	\$3,868,337	\$2,822,353	\$60,030,967	\$6,003,097
(34)	Authorized Basic Charge	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	\$47.50	10% Cap =	\$0.1805
(35)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.7348	\$1.7348	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	\$1.6236	Per DT	
(36)	Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(37)	Authorized GAP Charge per DT	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441		
(38)	Net Authorized Delivery Charge per DT	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992	\$1.2992		
(39)	Actual Basic Charge Revenues	\$953,610	\$973,465	\$975,223	\$978,928	\$985,625	\$987,953	\$989,853	\$991,610	\$991,373	\$991,325	\$991,420	\$991,895	\$11,802,278	
(40)	Actual Delivery Charge Revenues	\$1,166,902	\$1,316,400	\$1,013,711	\$2,037,653	\$4,090,719	\$6,173,864	\$7,846,612	\$8,467,159	\$8,619,646	\$5,361,347	\$3,681,589	\$1,823,775	\$51,599,376	
(41)	Actual Non-Gas Revenues	\$2,120,512	\$2,289,865	\$1,988,934	\$3,016,580	\$5,076,344	\$7,161,816	\$8,836,464	\$9,458,769	\$9,611,018	\$6,352,672	\$4,673,009	\$2,815,670	\$63,401,654	
(42)	Allowed Net Non-Gas Revenues	\$2,298,702	\$2,241,224	\$2,541,122	\$2,779,124	\$4,104,558	\$6,916,499	\$8,907,422	\$8,853,929	\$7,797,614	\$5,471,279	\$3,773,866	\$2,762,271	\$58,447,610	
(43)	Under / (Over) Collection - Accrual	\$178,190	(\$48,641)	\$552,188	(\$237,457)	(\$971,787)	(\$245,317)	\$70,958	(\$604,839)	(\$1,813,404)	(\$881,393)	(\$899,143)	(\$53,399)	(\$4,954,043)	(\$0.1490) Factor w/o PP

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Small Volume Dual Fuel - A - Less than 120,000 Therms per Year
Sales Service + Transport

Line No.	SVDF-A - TEST YEAR SALES (\$) SERVICE	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								PAGE 8		
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Annual	Average
(1)	Authorized Customers	1,099	1,132	1,074	961	744	975	779	892	896	858	1,106	1,106	11,621	968
(2)	Authorized Sales - DT	112,547	105,499	134,890	312,325	379,886	690,593	575,374	624,293	462,915	279,491	188,190	95,411	3,961,415	
(3)	UPC - DT	102.40	93.20	125.60	325.00	510.60	708.30	738.70	700.00	516.60	325.70	170.20	86.30	4,402.60	
(4)	Authorized Non-Gas RevReq														
(5)	Authorized Basic Charge	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	
(6)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.39740	\$1.39740	\$1.39740	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	
(7)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(8)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
(9)	Net Authorized Delivery Charge per DT	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	
(10)	Authorized Basic Charge Revenues	\$61,000	\$62,824	\$59,605	\$53,336	\$41,292	\$54,113	\$43,229	\$49,498	\$49,732	\$47,626	\$61,366	\$61,366	\$644,979	
(11)	Net Authorized Delivery Charge Revenues	\$113,211	\$106,121	\$135,686	\$314,168	\$382,128	\$694,667	\$578,769	\$627,977	\$465,646	\$281,140	\$189,300	\$95,974	\$3,984,787	
(12)	Net Authorized Non-Gas Revenues	\$174,210	\$168,945	\$195,291	\$367,503	\$423,420	\$748,779	\$621,998	\$677,474	\$515,378	\$328,766	\$250,667	\$157,334	\$4,629,766	
(13)	TRANSPORT (T) Service														
(14)	Authorized Customers	79	45	103	229	440	209	403	288	284	321	72	72	2,546	212
(15)	Authorized Sales - DT	8,080	4,198	12,941	74,425	224,664	148,035	297,769	201,707	146,673	104,509	12,306	6,250	1,241,557	
(16)	UPC - DT	102.40	93.20	125.60	325.00	510.60	708.30	738.70	700.00	516.60	325.70	170.20	86.30	4,402.60	
(17)	Authorized Non-Gas RevReq														
(18)	Authorized Basic Charge	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	
(19)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.39740	\$1.39740	\$1.39740	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	\$1.28620	
(20)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(21)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
(22)	Net Authorized Delivery Charge per DT	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	
(23)	Authorized Basic Charge Revenues	\$4,379	\$2,500	\$5,718	\$12,710	\$24,420	\$11,600	\$22,372	\$15,992	\$15,758	\$17,809	\$4,013	\$4,019	\$141,289	
(24)	Net Authorized Delivery Charge Revenues	\$8,128	\$4,222	\$13,017	\$74,864	\$225,990	\$148,908	\$299,526	\$202,897	\$147,539	\$105,126	\$12,378	\$6,287	\$1,248,882	
(25)	Net Authorized Non-Gas Revenues	\$12,507	\$6,722	\$18,736	\$87,574	\$250,410	\$160,508	\$321,898	\$218,889	\$163,296	\$122,935	\$16,391	\$10,306	\$1,390,171	
(26)	Combined S&T - Customers	1,178	1,177	1,177	1,190	1,184	1,184	1,182	1,180	1,180	1,179	1,178	1,178	14,167	1,181
(27)	Combined S&T -Sales - DT	120,627	109,696	147,831	386,750	604,550	838,627	873,143	826,000	609,588	384,000	200,496	101,661	5,202,971	
(28)	Combined S&T UPC - DT	102.40	93.20	125.60	325.00	510.60	708.30	738.70	700.00	516.60	325.70	170.20	86.30	4,402.60	
(29)	Total S + T Auth. Non-Gas Revenue	\$186,718	\$175,667	\$214,027	\$455,077	\$673,829	\$909,287	\$943,896	\$896,363	\$678,675	\$451,700	\$267,058	\$167,640	\$6,019,937	
(30)	Allowed Net RPC	\$158.50	\$149.25	\$181.84	\$382.42	\$569.11	\$767.98	\$798.56	\$759.63	\$575.15	\$383.12	\$226.70	\$142.31	\$5,094.57	
(31)	CAP - UPC (including GAP)	158.50	149.25	181.84	382.42	569.11	767.98	798.56	759.63	575.15	383.12	226.70	142.31	\$5,094.58	
(32)	(1) - Includes Delivery + CCRA														
(33)	(2) - CCRC + CCRA				\$1.39740	incl \$1.0059 Del B4 CCRC+ \$0.2362 CCRC + \$0.1553 CCRA	\$1.28620	incl \$1.0059 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 CCRA							

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES

Docket G-008/M-19-_____

Small Volume Dual Fuel - A - Less than 120,000 Therms per Year

Sales Service + Transport

Attachment D-1

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Annual	PAGE 9 Average
ACTUAL RESULTS														
SALES (S) Service														
(34) Actual Customers	1,084	1,117	1,120	1,085	1,029	1,012	1,007	1,006	1,000	1,044	1,058	1,061	12,623	1,052
(35) Actual Sales - DT	96,740	98,073	169,236	536,276	642,390	683,176	776,276	750,295	669,271	396,886	225,948	93,305	5,137,872	
(36) Actual UPC - DT	89.24	87.80	151.10	494.26	624.29	675.08	770.88	745.82	669.27	380.16	213.56	87.94	4,989.40	
(37)														
(38) Authorized Basic Charge	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50		
(39) Authorized Delivery Charge per DT ⁽¹⁾	\$1.3974	\$1.3974	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862		
(40) Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(41) Authorized GAP Charge per DT	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
(42) Net Authorized Delivery Charge per DT	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590		
(43) Actual Basic Charge Revenues	\$60,162	\$61,994	\$62,160	\$60,218	\$57,110	\$56,166	\$55,889	\$55,833	\$55,500	\$57,942	\$58,719	\$58,886	\$700,577	
(44) Actual Delivery Charge Revenues	\$97,311	\$98,652	\$170,234	\$539,440	\$646,180	\$687,207	\$780,856	\$754,722	\$673,220	\$399,228	\$227,281	\$93,855	\$5,168,185	
(45) Actual Non-Gas Revenues	\$157,473	\$160,645	\$232,394	\$599,658	\$703,290	\$743,373	\$836,745	\$810,555	\$728,720	\$457,170	\$286,000	\$152,741	\$5,868,762	
TRANSPORT (T) Service														
(46) Actual Customers	36	37	37	44	91	97	98	98	98	49	32	29	746	62
(47) Actual Sales - DT	11,415	11,918	12,523	25,610	65,965	77,591	114,068	88,936	71,282	20,926	11,613	6,437	518,284	
(48) Actual UPC - DT	317.08	322.11	338.46	582.05	724.89	799.91	1163.96	907.51	727.37	427.06	362.91	221.97	6,895	
(49)														
(50)														
(51) Authorized Basic Charge	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50	\$55.50		
(52) Authorized Delivery Charge per DT ⁽¹⁾	\$1.3974	\$1.3974	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862	\$1.2862		
(53) Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(54) Authorized GAP Charge per DT	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
(55) Net Authorized Delivery Charge per DT	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590	\$1.00590		
(56) Actual Basic Charge Revenues	\$1,998	\$2,054	\$2,054	\$2,442	\$5,051	\$5,384	\$5,439	\$5,439	\$5,439	\$2,720	\$1,776	\$1,610	\$41,403	
(57) Actual Delivery Charge Revenues	\$11,482	\$11,988	\$12,597	\$25,761	\$66,354	\$78,049	\$114,741	\$89,461	\$71,703	\$21,049	\$11,682	\$6,475	\$521,342	
(58) Actual Non-Gas Revenues	\$13,480	\$14,042	\$14,650	\$28,203	\$71,405	\$83,432	\$120,180	\$94,900	\$77,142	\$23,769	\$13,458	\$8,084	\$562,745	
SVDF-A: S + T Combined Actual														
(59) NON-GAS MARGIN cap	\$177,525	\$172,234	\$210,390	\$431,749	\$637,406	\$851,689	\$882,407	\$838,632	\$631,512	\$418,752	\$247,108	\$155,117	\$5,654,521	\$565,452 MARGIN CAP
(60) Combined S&T - Customers	1,120	1,154	1,157	1,129	1,120	1,109	1,105	1,104	1,098	1,093	1,090	1,090	13,369	1,114
(61) Combined S&T -Sales - DT	108,155	109,991	181,759	561,886	708,355	760,767	890,344	839,231	740,553	417,812	237,561	99,742	5,656,156	\$0.1087 = 10% Cap
(62) Combined S&T UPC - DT	96.57	95.31	157.10	497.68	632.46	685.99	805.74	760.17	674.46	382.26	217.95	91.51	5,097.20	
(63)														
SVDF-A: S + T Auth. Non-Gas Revenue														
(64) Actual Non-Gas Revenues	\$170,953	\$174,687	\$247,045	\$627,861	\$774,694	\$826,805	\$956,925	\$905,454	\$805,861	\$480,939	\$299,458	\$160,825	\$6,431,507	
(65) Allowed Net Non-Gas Revenues	\$177,520	\$172,235	\$210,389	\$431,752	\$637,403	\$851,690	\$882,409	\$838,632	\$631,515	\$418,750	\$247,103	\$155,118	\$5,654,515	
(66) Under (Over) Collection - Accrual	\$6,567	(\$2,452)	(\$36,656)	(\$196,108)	(\$137,291)	\$24,885	(\$74,516)	(\$66,823)	(\$174,347)	(\$62,188)	(\$52,355)	(\$5,708)	(\$776,992)	(\$0.1493) Factor w/o PP
(67) Actual UPC - DT	96.57	95.31	157.10	497.68	632.46	685.99	805.74	760.17	674.46	382.26	217.95	91.51	5,097.20	

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-_____
Small Volume Dual Fuel - B - Greater than 120,000 Therms per Year
Sales Service + Transport

Line No.	YEAR 4 SVDF-B - TEST YEAR SALES (\$) SERVICE	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								Annual	Average	
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18			Jun-18
(1)	Authorized Customers	217	225	205	165	113	178	135	164	144	152	232	224	2,154	180
(2)	Authorized Sales - DT	135,453	134,809	137,385	197,307	223,435	453,971	361,875	435,134	279,795	209,933	200,837	126,010	2,895,944	
(3)	UPC - DT	623.90	600.20	669.90	1,195.80	1,977.30	2,550.40	2,678.20	2,654.50	1,942.30	1,382.60	866.30	561.30	17,702.70	
(4)	Authorized Non-Gas RevReq														
(5)	Authorized Basic Charge	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	
(6)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.30500	\$1.30500	\$1.30500	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	
(7)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(8)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
(9)	Net Authorized Delivery Charge per DT	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	
(10)	Authorized Basic Charge Revenues	\$19,214	\$19,878	\$18,150	\$14,603	\$10,001	\$15,753	\$11,958	\$14,507	\$12,749	\$13,438	\$20,517	\$19,868	\$190,635	
(11)	Net Authorized Delivery Charge Revenues	\$123,737	\$123,148	\$125,502	\$180,240	\$204,108	\$414,703	\$330,573	\$397,494	\$255,592	\$191,774	\$183,465	\$115,110	\$2,645,444	
(12)	Net Authorized Non-Gas Revenues	\$142,951	\$143,026	\$143,651	\$194,842	\$214,108	\$430,456	\$342,531	\$412,002	\$268,341	\$205,211	\$203,982	\$134,978	\$2,836,079	
(13)	<u>TRANSPORT (T) Service</u>														
(14)	Authorized Customers	60	51	71	117	167	102	144	115	135	126	45	53	1,186	99
(15)	Authorized Sales - DT	37,367	30,846	47,507	139,909	330,209	260,141	385,343	305,472	262,107	174,430	39,128	29,470	2,041,929	
(16)	UPC - DT	623.91	600.20	669.90	1,195.80	1,977.30	2,550.40	2,678.20	2,654.50	1,942.30	1,382.60	866.30	561.30	17,702.71	
(17)	Authorized Non-Gas RevReq														
(18)	Authorized Basic Charge	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	
(19)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.30500	\$1.30500	\$1.30500	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	\$1.19380	
(20)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(21)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
(22)	Net Authorized Delivery Charge per DT	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	
(23)	Authorized Basic Charge Revenues	\$5,300	\$4,548	\$6,276	\$10,355	\$14,780	\$9,027	\$12,733	\$10,184	\$11,943	\$11,165	\$3,997	\$4,647	\$104,955	
(24)	Net Authorized Delivery Charge Revenues	\$34,135	\$28,178	\$43,398	\$127,807	\$301,646	\$237,639	\$352,011	\$279,049	\$239,435	\$159,342	\$35,743	\$26,921	\$1,865,302	
(25)	Net Authorized Non-Gas Revenues	\$39,435	\$32,726	\$49,674	\$138,161	\$316,425	\$246,666	\$364,744	\$289,233	\$251,378	\$170,507	\$39,741	\$31,567	\$1,970,258	
(26)	Combined S&T - Customers	277	276	276	282	280	280	279	279	279	278	277	277	3,340	278
(27)	Combined S&T -Sales - DT	172,820	165,655	184,892	337,216	553,644	714,112	747,218	740,606	541,902	384,363	239,965	155,480	4,937,873	
(28)	Combined S&T UPC - DT	623.90	600.20	669.90	1,195.80	1,977.30	2,550.40	2,678.20	2,654.50	1,942.30	1,382.60	866.30	561.30	17,702.70	
(29)	Total S + T Auth. Non-Gas Revenue	\$182,386	\$175,752	\$193,325	\$333,003	\$530,534	\$677,121	\$707,275	\$701,235	\$519,719	\$375,718	\$243,723	\$166,546	\$4,806,337	
(30)	Allowed Net RPC														
(31)	CAP - UPC (including GAP)	\$658.43	\$636.78	\$700.45	\$1,180.86	\$1,894.76	\$2,418.29	\$2,535.04	\$2,513.39	\$1,862.79	\$1,351.51	\$879.87	\$601.25	\$17,233.42	
(32)	(1) - Includes Delivery + CCRA	658.43	636.78	700.45	1,180.86	1,894.76	2,418.29	2,535.04	2,513.39	1,862.79	1,351.51	879.87	601.25	\$17,233.42	
(33)	(2) - CCRC + CCRA				\$1.39740										
					\$1.19380										
					incl \$1.0059 Del B4 CCRC+ \$0.2362 CCRC + \$0.1553 CCRA										
					incl \$1.0059 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 CCRA										

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES

Docket G-008/M-19-_____

Small Volume Dual Fuel - B - Greater than 120,000 Therms per Year

Sales Service + Transport

Attachment D-1

		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Annual	PAGE 11 Average
ACTUAL RESULTS															
SALES (S) Service															
(34)	Actual Customers	247	246	244	167	172	171	172	171	171	183	171	170	2,285	190
(35)	Actual Sales - DT	116,144	123,424	153,189	345,494	392,212	408,044	465,357	464,283	400,496	277,240	174,384	103,907	3,424,174	
(36)	Actual UPC - DT	470.22	501.72	627.82	2,068.83	2,280.30	2,386.22	2,705.56	2,715.11	2,342.08	1,514.97	1,019.79	611.22	19,243.85	
(37)															
(38)	Authorized Basic Charge	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	
(39)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.3050	\$1.3050	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	
(40)	Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	
(41)	Authorized GAP Charge per DT	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
(42)	Net Authorized Delivery Charge per DT	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	
(43)	Actual Basic Charge Revenues	\$21,860	\$21,771	\$21,594	\$14,780	\$15,222	\$15,134	\$15,222	\$15,134	\$15,134	\$16,196	\$15,134	\$15,045	\$202,223	
(44)	Actual Delivery Charge Revenues	\$106,098	\$112,748	\$139,938	\$315,609	\$358,286	\$372,748	\$425,104	\$424,123	\$365,853	\$253,259	\$159,300	\$94,919	\$3,127,983	
(45)	Actual Non-Gas Revenues	\$127,957	\$134,519	\$161,532	\$330,388	\$373,508	\$387,882	\$440,326	\$439,256	\$380,987	\$269,454	\$174,433	\$109,964	\$3,330,205	
TRANSPORT (T) Service															
(46)	Actual Customers	33	33	33	37	30	31	31	31	30	18	27	28	362	30
(47)	Actual Sales - DT	40,293	42,029	40,446	74,496	65,649	70,533	86,883	57,122	86,530	31,243	46,556	38,352	680,132	
(48)	Actual UPC - DT	1221.00	1273.61	1225.64	2013.41	2188.30	2275.26	2802.68	1842.65	2884.33	1735.72	1724.30	1369.71	22,557	
(49)															
(50)															
(51)	Authorized Basic Charge	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	\$88.50	
(52)	Authorized Delivery Charge per DT ⁽¹⁾	\$1.3050	\$1.3050	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	\$1.1938	
(53)	Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	
(54)	Authorized GAP Charge per DT	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
(55)	Net Authorized Delivery Charge per DT	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	\$0.91350	
(56)	Actual Basic Charge Revenues	\$2,921	\$2,921	\$2,921	\$3,275	\$2,655	\$2,744	\$2,744	\$2,744	\$2,655	\$1,593	\$2,390	\$2,478	\$32,037	
(57)	Actual Delivery Charge Revenues	\$36,808	\$38,393	\$36,947	\$68,052	\$59,970	\$64,432	\$79,368	\$52,181	\$79,045	\$28,540	\$42,529	\$35,035	\$621,301	
(58)	Actual Non-Gas Revenues	\$39,728	\$41,314	\$39,868	\$71,327	\$62,625	\$67,175	\$82,111	\$54,924	\$81,700	\$30,133	\$44,918	\$37,513	\$653,338	
SVDF-B: S + T Combined Actual															
(59)	NON-GAS MARGIN cap	\$184,361	\$177,662	\$194,026	\$240,896	\$382,742	\$488,495	\$514,612	\$507,704	\$374,421	\$271,653	\$174,213	\$119,047	\$3,629,832	\$362,983 MARGIN CAP
(60)	Combined S&T - Customers	280	279	277	204	202	202	203	202	201	201	198	198	2,647	221
(61)	Combined S&T -Sales - DT	156,437	165,453	193,635	419,990	457,861	478,577	552,240	521,405	487,026	308,483	220,940	142,259	4,104,306	\$0.0735 = 10% Cap
(62)	Combined S&T UPC - DT	558.70	593.02	699.04	2058.77	2266.64	2369.19	2720.39	2581.21	2423.01	1534.74	1115.86	718.48	19,639.08	
(63)															
(64)	SVDF-B: S + T Auth. Non-Gas Revenue														
(65)	Actual Non-Gas Revenues	\$167,685	\$175,833	\$201,400	\$401,715	\$436,133	\$455,057	\$522,437	\$494,180	\$462,687	\$299,588	\$219,352	\$147,477	\$3,983,543	
(66)	Allowed Net Non-Gas Revenues	\$184,360	\$177,662	\$194,025	\$240,895	\$382,742	\$488,495	\$514,613	\$507,705	\$374,421	\$271,654	\$174,214	\$119,048	\$3,629,832	
(67)	Under / (Over) Collection - Accrual	\$16,675	\$1,829	(\$7,375)	(\$160,819)	(\$53,392)	\$33,437	(\$7,824)	\$13,524	(\$88,266)	(\$27,934)	(\$45,137)	(\$28,429)	(\$353,711)	(\$0.0716) Factor w/o PP
(68)	Actual UPC - DT	558.70	593.02	699.04	2,058.77	2,266.64	2,369.19	2,720.39	2,581.21	2,423.01	1,534.74	1,115.86	718.48	19,639.08	

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Large Volume Dual Fuel - Peak Day Greater Than 2,000 Therms
Sales Service + Transport

Line No.	YEAR 4 LVDF- STANDARD - TEST YEAR SALES (S) SERVICE	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								Annual	Average	
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18			Jun-18
(1)	Authorized Customers	97	97	97	97	97	97	97	97	97	97	97	97	1,164	97
(2)	Authorized Sales - DT	378,283	444,129	424,680	476,325	450,547	424,144	421,536	467,437	400,938	343,347	335,564	390,464	4,957,395	
(3)	UPC - DT	3,899.83	4,578.65	4,378.15	4,910.57	4,644.82	4,372.62	4,345.73	4,818.94	4,133.39	3,539.66	3,459.43	4,025.40	51,107.19	
(4)	Authorized Non-Gas RevReq														
(5)	Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00		
(6)	Authorized Delivery Charge per DT ⁽¹⁾	\$0.86010	\$0.86010	\$0.86010	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890		
(7)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030		
(8)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
(9)	Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860		
(10)	Authorized Basic Charge Revenues	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$87,300	\$1,047,600	
(11)	Net Authorized Delivery Charge Revenues	\$177,263	\$208,119	\$199,005	\$223,206	\$211,126	\$198,754	\$197,532	\$219,041	\$187,880	\$160,892	\$157,245	\$182,971	\$2,323,035	
(12)	Net Authorized Non-Gas Revenues	\$264,563	\$295,419	\$286,305	\$310,506	\$298,426	\$286,054	\$284,832	\$306,341	\$275,180	\$248,192	\$244,545	\$270,271	\$3,370,635	
(13)	TRANSPORT (T) Service														
(14)	Authorized Customers	88	88	88	88	88	88	88	88	88	88	88	88	1,056	88
(15)	Authorized Sales - DT	617,481	684,913	654,021	738,348	880,052	1,009,613	1,012,762	1,115,239	1,375,417	760,549	605,356	599,022	10,052,774	
(16)	UPC - DT	7,016.82	7,783.11	7,432.06	8,390.32	10,000.59	11,472.88	11,508.66	12,673.17	15,629.74	8,642.60	6,879.05	6,807.07	114,236.07	
(17)	Authorized Non-Gas RevReq														
(18)	Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00		
(19)	Authorized Delivery Charge per DT ⁽¹⁾	\$0.86010	\$0.86010	\$0.86010	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890	\$0.74890		
(20)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030		
(21)	Authorized GAP Charge per DT	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
(22)	Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860		
(23)	Authorized Basic Charge Revenues	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$79,200	\$950,400	
(24)	Net Authorized Delivery Charge Revenues	\$289,351	\$320,950	\$306,474	\$345,990	\$412,393	\$473,105	\$474,580	\$522,601	\$644,521	\$356,393	\$283,670	\$280,702	\$4,710,730	
(25)	Net Authorized Non-Gas Revenues	\$368,551	\$400,150	\$385,674	\$425,190	\$491,593	\$552,305	\$553,780	\$601,801	\$723,721	\$435,593	\$362,870	\$359,902	\$5,661,130	
(26)	Combined S&T - Customers	185	185	185	185	185	185	185	185	185	185	185	185	2,220	185
(27)	Combined S&T -Sales - DT	995,764	1,129,042	1,078,701	1,214,673	1,330,600	1,433,757	1,434,298	1,582,676	1,776,356	1,103,896	940,921	989,486	15,010,169	
(28)	Combined S&T UPC - DT	5,382.51	6,102.93	5,830.82	6,565.80	7,192.43	7,750.04	7,752.96	8,555.00	9,601.92	5,967.00	5,086.06	5,348.57	81,136.05	
(29)	Total S + T Auth. Non-Gas Revenue	\$633,115	\$695,569	\$671,979	\$735,696	\$790,019	\$838,359	\$838,612	\$908,142	\$998,900	\$683,785	\$607,415	\$630,173	\$9,031,765	
(30)	Allowed Net RPC														
(31)	CAP - UPC (including GAP)	\$3,422.24	\$3,759.83	\$3,632.32	\$3,976.73	\$4,270.37	\$4,531.67	\$4,533.04	\$4,908.87	\$5,399.46	\$3,696.14	\$3,283.33	\$3,406.34	\$48,820.34	
(32)	(1) - Includes Delivery + CCRA														
(33)	(2) - CCRC + CCRA			\$0.86010	incl \$0.4686 Del B4 CCRC+ \$0.2362 CCRC + \$0.1553 CCRA										
				\$0.74890	incl \$0.4686 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 CCRA										

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Large Volume Dual Fuel - Peak Day Greater Than 2,000 Therms
Sales Service + Transport

Attachment D-1

ACTUAL RESULTS		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Annual	PAGE 13 Average
SALES (S) Service															
(34) Actual Customers		102	100	103	128	127	145	141	138	137	124	95	99	1,439	120
(35) Actual Sales - DT		366,458	394,441	406,438	280,749	679,702	822,503	830,069	825,769	672,002	493,650	219,124	178,478	6,169,382	
(36) Actual UPC - DT		3,592.72	3,944.41	3,946.00	2,193.35	5,351.99	5,672.44	5,887.01	5,983.83	4,905.12	3,981.05	2,306.56	1,802.81	49,567.30	
(37)															
(38) Authorized Basic Charge		\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00		
(39) Authorized Delivery Charge per DT ⁽¹⁾		\$0.8601	\$0.8601	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489		
(40) Authorized CIP Charge per DT		\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(41) Authorized GAP Charge per DT		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
(42) Net Authorized Delivery Charge per DT		\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860		
(43) Actual Basic Charge Revenues		\$91,800	\$90,000	\$92,700	\$115,200	\$114,300	\$130,500	\$126,900	\$124,200	\$123,300	\$111,600	\$85,500	\$89,100	\$1,295,100	
(44) Actual Delivery Charge Revenues		\$171,722	\$184,835	\$190,457	\$131,559	\$318,508	\$385,425	\$388,970	\$386,955	\$314,900	\$231,324	\$102,681	\$83,635	\$2,890,973	
(45) Actual Non-Gas Revenues		\$263,522	\$274,835	\$283,157	\$246,759	\$432,808	\$515,925	\$515,870	\$511,155	\$438,200	\$342,924	\$188,181	\$172,735	\$4,186,073	
TRANSPORT (T) Service															
(46) Actual Customers		79	82	79	105	93	71	74	74	74	87	115	134	1,067	89
(47) Actual Sales - DT		614,924	710,658	625,667	1,049,462	1,005,527	795,364	934,498	1,072,903	984,312	685,772	829,628	754,266	10,062,980	
(48) Actual UPC - DT		7783.85	8666.56	7919.84	9994.87	10812.11	11202.32	12628.35	14498.68	13301.52	7882.43	7214.15	5628.85	117,534	
(49)															
(50)															
(51) Authorized Basic Charge		\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00		
(52) Authorized Delivery Charge per DT ⁽¹⁾		\$0.8601	\$0.8601	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489	\$0.7489		
(53) Authorized CIP Charge per DT		\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803		
(54) Authorized GAP Charge per DT		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
(55) Net Authorized Delivery Charge per DT		\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860		
(56) Actual Basic Charge Revenues		\$71,100	\$73,800	\$71,100	\$94,500	\$83,700	\$63,900	\$66,600	\$66,600	\$66,600	\$78,300	\$103,500	\$120,600	\$960,300	
(57) Actual Delivery Charge Revenues		\$288,153	\$333,014	\$293,188	\$491,778	\$471,190	\$372,708	\$437,906	\$502,762	\$461,249	\$321,353	\$388,763	\$353,449	\$4,715,512	
(58) Actual Non-Gas Revenues		\$359,253	\$406,814	\$364,288	\$586,278	\$554,890	\$436,608	\$504,506	\$569,362	\$527,849	\$399,653	\$492,263	\$474,049	\$5,675,812	
LVDF- Standard: S + T Combined															
Actual															
(59) NON-GAS MARGIN cap		\$619,426	\$684,290	\$661,082	\$926,579	\$939,482	\$978,840	\$974,603	\$1,040,681	\$1,139,286	\$779,885	\$689,499	\$793,677	\$10,227,331	\$1,022,733 MARGIN CAP
(60) Combined S&T - Customers		181	182	182	233	220	216	215	212	211	211	210	233	2,506	209
(61) Combined S&T -Sales - DT		981,382	1,105,099	1,032,105	1,330,210	1,685,229	1,617,868	1,764,566	1,898,672	1,656,314	1,179,421	1,048,751	932,744	16,232,362	\$0.0681 = 10% Cap
(62) Combined S&T UPC - DT		5422.00	6071.97	5670.91	5709.06	7660.13	7490.13	8207.29	8956.00	7849.83	5589.67	4994.05	4003.19	77,624.23	
(63)															
LVDF-Standard: S + T Auth. Non-Gas Revenue															
(64)															
(65) Actual Non-Gas Revenues		\$622,776	\$681,650	\$647,444	\$833,037	\$987,698	\$952,533	\$1,020,376	\$1,080,518	\$966,049	\$742,577	\$680,445	\$646,784	\$9,861,885	
(66) Allowed Net Non-Gas Revenues		\$619,425	\$684,289	\$661,082	\$926,578	\$939,481	\$978,841	\$974,604	\$1,040,680	\$1,139,286	\$779,886	\$689,499	\$793,677	\$10,227,329	
(67) Under / (Over) Collection - Accrual		(\$3,350)	\$2,640	\$13,638	\$93,541	(\$48,217)	\$26,308	(\$45,772)	(\$39,837)	\$173,237	\$37,309	\$9,055	\$146,893	\$365,444	\$0.0243 Factor w/o PP
(68) Actual UPC - DT		5,422.00	6,071.97	5,670.91	5,709.06	7,660.13	7,490.13	8,207.29	8,956.00	7,849.83	5,589.67	4,994.05	4,003.19	77,624.23	

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Large Volume Firm - Peak Day Greater Than 2,000 Therms
Sales Service + Transport

Line No.	YEAR 4 LG GEN FIRM- STANDARD - TEST YEAR	2017 Rate Case			2017 - Rate Case - ALT FC TEN YEAR NORMAL								Annual	Average	
		Jul-18	Aug-18	Sep-18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18			Jun-18
	SALES (S) SERVICE														
(1)	Authorized Customers	8	8	8	8	8	8	8	8	8	8	8	8	96	8
(2)	Authorized Sales - DT	17,870	18,221	18,347	23,878	33,879	46,927	52,926	46,775	37,574	28,967	21,698	18,323	365,385	
(3)	UPC - DT	2,233.76	2,277.68	2,293.33	2,984.80	4,234.86	5,865.85	6,615.80	5,846.89	4,696.69	3,620.83	2,712.30	2,290.35	45,673.14	
(4)	Authorized Non-Gas RevReq														
(5)	Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	
(6)	Authorized Delivery Charge per DT ⁽¹⁾	\$0.90420	\$0.90420	\$0.90420	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	
(7)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(8)	Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	
(9)	Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	
(10)	Authorized Basic Charge Revenues	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$86,400
(11)	Net Authorized Delivery Charge Revenues	\$8,374	\$8,539	\$8,597	\$11,189	\$15,876	\$21,990	\$24,801	\$21,919	\$17,607	\$13,574	\$10,168	\$8,586	\$171,219	
(12)	Net Authorized Non-Gas Revenues	\$15,574	\$15,739	\$15,797	\$18,389	\$23,076	\$29,190	\$32,001	\$29,119	\$24,807	\$20,774	\$17,368	\$15,786	\$257,619	
(13)	TRANSPORT (T) Service														
(14)	Authorized Customers	28	28	28	28	28	28	28	28	28	28	28	28	336	28
(15)	Authorized Sales - DT	93,605	97,832	97,635	123,127	145,683	192,581	208,043	188,634	159,433	129,011	104,137	94,717	1,634,436	
(16)	UPC - DT	3,343.03	3,493.99	3,486.96	4,397.40	5,202.95	6,877.90	7,430.10	6,736.91	5,694.02	4,607.54	3,719.19	3,382.75	58,372.74	
(17)	Authorized Non-Gas RevReq														
(18)	Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	
(19)	Authorized Delivery Charge per DT ⁽¹⁾	\$0.90420	\$0.90420	\$0.90420	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	\$0.79300	
(20)	Authorized CIP Charge per DT ⁽²⁾	\$0.39150	\$0.39150	\$0.39150	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	\$0.28030	
(21)	Authorized GAP Charge per DT	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	\$0.04410	
(22)	Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	
(23)	Authorized Basic Charge Revenues	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$25,200	\$302,400
(24)	Net Authorized Delivery Charge Revenues	\$43,863	\$45,844	\$45,752	\$57,697	\$68,267	\$90,244	\$97,489	\$88,394	\$74,710	\$60,455	\$48,799	\$44,384	\$765,897	
(25)	Net Authorized Non-Gas Revenues	\$69,063	\$71,044	\$70,952	\$82,897	\$93,467	\$115,444	\$122,689	\$113,594	\$99,910	\$85,655	\$73,999	\$69,584	\$1,068,297	
(26)	Combined S&T - Customers	36	36	36	36	36	36	36	36	36	36	36	36	432	36
(27)	Combined S&T -Sales - DT	111,475	116,053	115,981	147,006	179,562	239,508	260,969	235,409	197,006	157,978	125,836	113,040	1,999,821	
(28)	Combined S&T UPC - DT	3,096.53	3,223.70	3,221.71	4,083.49	4,987.82	6,653.00	7,249.14	6,539.13	5,472.39	4,388.27	3,495.43	3,139.99	55,550.59	
(29)	Total S + T Auth. Non-Gas Revenue	\$84,637	\$86,782	\$86,749	\$101,287	\$116,543	\$144,633	\$154,690	\$142,712	\$124,717	\$106,428	\$91,367	\$85,370	\$1,325,916	
(30)	Allowed Net RPC														
(31)	CAP - UPC (including GAP)	2,487.59	2,552.79	2,551.77	2,993.61	3,457.26	4,310.99	4,616.64	4,252.61	3,705.69	3,149.86	2,692.11	2,509.87	\$39,280.79	
(32)	(1) - Includes Delivery + CCRA														
(33)	(2) - CCRC + CCRA				\$0.90420	incl \$0.4686 Del B4 CCRC+ \$0.2362 CCRC + \$0.1553 CCRA+.0441 GAP	\$0.79300	incl \$0.4686 Del B4 CCRC+ \$0.2362 CCRC + \$0.0441 CCRA+.0441 GAP							

RD RIDER: Decoupling Model -ACTUAL (not WN) SALES
Docket G-008/M-19-____
Large Volume Firm - Peak Day Greater Than 2,000 Therms
Sales Service + Transport

Attachment D-1

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Annual	PAGE 15 Average
ACTUAL RESULTS														
SALES (S) Service														
Actual Customers	15	18	18	18	17	17	16	14	16	17	17	17	200	17
(34) Actual Sales - DT	27,084	26,822	50,438	73,304	89,524	117,948	118,933	103,094	89,247	71,353	56,011	48,196	871,953	
(35) Actual UPC - DT	1,805.59	1,490.09	2,802.08	4,072.43	5,266.14	6,938.12	7,433.31	7,363.85	5,577.95	4,197.25	3,294.76	2,835.05	53,076.62	
(36)														
(37) Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	
(38) Authorized Delivery Charge per DT ⁽¹⁾	\$0.9042	\$0.9042	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	
(39) Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	
(40) Authorized GAP Charge per DT	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	
(41) Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	
(42) Actual Basic Charge Revenues	\$13,500	\$16,200	\$16,200	\$16,200	\$15,300	\$15,300	\$14,400	\$12,600	\$14,400	\$15,300	\$15,300	\$15,300	\$180,000	
(43) Actual Delivery Charge Revenues	\$12,691	\$12,569	\$23,635	\$34,350	\$41,951	\$55,270	\$55,732	\$48,310	\$41,821	\$33,436	\$26,247	\$22,585	\$408,597	
(44) Actual Non-Gas Revenues	\$26,191	\$28,769	\$39,835	\$50,550	\$57,251	\$70,570	\$70,132	\$60,910	\$56,221	\$48,736	\$41,547	\$37,885	\$588,597	
(45)														
TRANSPORT (T) Service														
Actual Customers	23	22	22	22	24	25	26	26	25	24	24	33	296	25
(46) Actual Sales - DT	80,111	84,107	80,065	116,208	165,607	245,647	205,445	178,219	166,378	122,454	102,288	85,483	1,632,011	
(47) Actual UPC - DT	3483.08	3823.05	3639.31	5282.17	6900.28	9825.89	7901.72	6854.58	6655.12	5102.27	4261.98	2590.38	66,320	
(48)														
(49)														
(50) Authorized Basic Charge	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	
(51) Authorized Delivery Charge per DT ⁽¹⁾	\$0.9042	\$0.9042	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	\$0.7930	
(52) Authorized CIP Charge per DT	\$0.3915	\$0.3915	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	\$0.2803	
(53) Authorized GAP Charge per DT	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	\$0.0441	
(54) Net Authorized Delivery Charge per DT	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	\$0.46860	
(55) Actual Basic Charge Revenues	\$20,700	\$19,800	\$19,800	\$19,800	\$21,600	\$22,500	\$23,400	\$23,400	\$22,500	\$21,600	\$21,600	\$29,700	\$266,400	
(56) Actual Delivery Charge Revenues	\$37,540	\$39,413	\$37,518	\$54,455	\$77,603	\$115,110	\$96,271	\$83,513	\$77,965	\$57,382	\$47,932	\$40,057	\$764,760	
(57) Actual Non-Gas Revenues	\$58,240	\$59,213	\$57,318	\$74,255	\$99,203	\$137,610	\$119,671	\$106,913	\$100,465	\$78,982	\$69,532	\$69,757	\$1,031,160	
(58)														
LG GEN FIRM- Standard: S + T														
Combined Actual														
NON-GAS MARGIN cap	\$94,528	\$102,112	\$102,071	\$119,744	\$141,748	\$181,062	\$193,899	\$170,104	\$151,933	\$129,144	\$110,376	\$125,494	\$1,622,215	\$162,222 MARGIN CAP
(59) Combined S&T - Customers	38	40	40	40	41	42	42	40	41	41	41	50	496	41
(60) Combined S&T - Sales - DT	107,195	110,929	130,502	189,512	255,131	363,595	324,378	281,313	255,625	193,808	158,299	133,678	2,503,964	\$0.0811 = 10% Cap
(61) Combined S&T UPC - DT	2820.91	2773.22	3262.56	4737.79	6222.70	8657.03	7723.28	7032.82	6234.76	4727.02	3860.94	2673.57	60,726.60	
(62)														
LG GEN FIRM- Standard: S + T Auth.														
Non-Gas Revenue														
(64) Actual Non-Gas Revenues	\$84,431	\$87,981	\$97,153	\$124,805	\$156,454	\$208,181	\$189,803	\$167,823	\$156,686	\$127,718	\$111,079	\$107,642	\$1,619,758	
(65) Allowed Net Non-Gas Revenues	\$89,339	\$96,425	\$96,388	\$112,541	\$132,729	\$168,739	\$180,472	\$158,570	\$142,039	\$121,210	\$104,056	\$118,570	\$1,521,077	
(66) Under / (Over) Collection - Accrual	\$4,908	\$8,444	(\$766)	(\$12,264)	(\$23,725)	(\$39,442)	(\$9,332)	(\$9,254)	(\$14,647)	(\$6,508)	(\$7,022)	\$10,928	(\$98,681)	(\$0.0493) Factor w/o PP
(67) Actual UPC - DT	2,820.91	2,773.22	3,262.56	4,737.79	6,222.70	8,657.03	7,723.28	7,032.82	6,234.76	4,727.02	3,860.94	2,673.57	60,726.60	

CenterPoint Energy - Minnesota Gas
Docket No. G-008/M-19-_____

Decoupling Factors: Effective September 1, 2019 - August 31, 2020

Collecting Over/Under recoveries for the period July 2018-June 2019

Applies to All Standard Rate volumes: Sales Service and Transportation

	Decoupling Adjustment (\$/DT)	Annual Use per Customer (DT)	Average Monthly Decoupling Adjustment
<u>Residential</u>	(\$0.1832)	89.1	(\$16.32)
<u>Commercial - A</u> (<1500 Therms/Yr)	(\$0.1403)	81.1	(\$11.38)
<u>Commercial / Industrial -B</u> (1,500 - 5,000 Therms /Yr)	(\$0.1046)	294.0	(\$30.75)
<u>Commercial / Industrial -C</u> (> 5,000 Therms /Yr)	(\$0.1279)	1,724.0	(\$220.50)
<u>Small Volume Dual Fuel - A</u> (< 120,000 Therms/Year)	(\$0.1487)	4,407	(\$655.32)
<u>Small Volume Dual Fuel - B</u> (> 120,000 Therms/Year)	(\$0.0706)	17,741	(\$1,252.51)
<u>Large Volume Dual Fuel</u> (Peak Day > 2,000 Therms)	\$0.0262	81,600	\$2,137.92
<u>Large General Firm</u> (Peak Day > 2,000 Therms)	(\$0.0672)	55,600	(\$3,736.32)

- Use per Customer based on Approved Sales for G-008/GR-17-285

Table D-10
Residential - Gas margin Revenue under Traditional Regulation

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$15,740,786	\$15,740,786	\$20.67	\$20.67
Aug-15	\$14,940,612	\$14,940,612	\$19.62	\$19.62
Sep-15	\$14,716,469	\$14,716,469	\$19.28	\$19.28
Oct-15	\$16,856,697	\$16,856,697	\$21.99	\$21.99
Nov-15	\$27,590,266	\$27,590,266	\$35.87	\$35.87
Dec-15	\$49,342,331	\$49,342,331	\$64.01	\$64.01
Jan-16	\$72,986,800	\$72,986,800	\$94.51	\$94.51
Feb-16	\$71,073,263	\$71,073,263	\$91.99	\$91.99
Mar-16	\$57,586,269	\$57,586,269	\$74.52	\$74.52
Apr-16	\$41,164,062	\$41,164,062	\$53.28	\$53.28
May-16	\$24,797,254	\$24,797,254	\$32.16	\$32.16
Jun-16	\$16,968,222	\$16,968,222	\$22.03	\$22.03
Jul-16	\$14,845,712	\$14,845,712	\$19.29	\$19.29
Aug-16	\$13,975,820	\$13,975,820	\$18.16	\$18.16
Sep-16	\$15,138,165	\$14,831,425	\$19.62	\$19.22
Oct-16	\$18,216,494	\$17,811,600	\$23.51	\$22.99
Nov-16	\$28,310,163	\$27,460,802	\$36.43	\$35.34
Dec-16	\$62,755,081	\$60,768,135	\$80.59	\$78.03
Jan-17	\$104,852,315	\$101,669,756	\$134.41	\$130.33
Feb-17	\$79,499,635	\$76,695,895	\$101.86	\$98.26
Mar-17	\$62,942,855	\$60,595,005	\$80.64	\$77.63
Apr-17	\$51,217,975	\$49,413,631	\$65.63	\$63.32
May-17	\$32,411,059	\$31,381,271	\$41.55	\$40.23
Jun-17	\$21,676,920	\$21,079,652	\$27.80	\$27.04
Jul-17	\$16,383,586	\$15,996,373	\$21.02	\$20.52
Aug-17	\$15,021,133	\$14,690,494	\$19.26	\$18.83
Sep-17	\$16,613,627	\$16,226,757	\$21.24	\$20.75
Oct-17	\$18,684,667	\$18,216,141	\$23.80	\$23.20
Nov-17	\$42,660,355	\$41,172,678	\$54.19	\$52.30
Dec-17	\$65,555,082	\$63,186,764	\$83.10	\$80.10
Jan-18	\$110,369,015	\$106,423,458	\$139.72	\$134.73
Feb-18	\$109,914,400	\$106,509,367	\$139.02	\$134.71
Mar-18	\$80,202,068	\$77,247,126	\$101.36	\$97.62
Apr-18	\$62,432,810	\$60,043,266	\$78.89	\$75.87
May-18	\$35,579,735	\$34,287,252	\$45.03	\$43.39
Jun-18	\$18,156,940	\$17,689,802	\$22.99	\$22.40
Jul-18	\$16,019,156	\$15,653,625	\$20.28	\$19.82
Aug-18	\$15,611,278	\$15,264,896	\$19.77	\$19.33
Sep-18	\$15,413,960	\$15,573,084	\$19.49	\$19.69
Oct-18	\$25,017,166	\$25,354,766	\$31.48	\$31.91
Nov-18	\$49,598,977	\$50,376,053	\$62.23	\$63.21
Dec-18	\$87,810,798	\$89,091,961	\$110.05	\$111.66
Jan-19	\$93,542,006	\$94,994,790	\$117.09	\$118.90
Feb-19	\$106,229,397	\$108,025,719	\$132.90	\$135.14
Mar-19	\$89,209,615	\$90,791,190	\$111.59	\$113.57
Apr-19	\$53,020,919	\$53,937,957	\$66.29	\$67.43
May-19	\$34,787,433	\$35,360,717	\$43.52	\$44.23
Jun-19	\$22,244,534	\$22,556,886	\$27.85	\$28.24
July 15 - June 16	\$423,763,031	\$423,763,031	\$549.94	\$549.94
July 16 - June 17	\$505,842,193	\$490,528,705	\$649.48	\$629.84
July 17 - June 18	\$591,573,416	\$571,689,479	\$749.61	\$724.43
July 18 - June 19	\$608,505,240	\$616,981,643	\$762.53	\$773.14

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Commercial - A - Gas margin Revenue under Traditional Regulation

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$553,799	\$553,799	\$19.89	\$19.89
Aug-15	\$506,370	\$506,370	\$17.85	\$17.85
Sep-15	\$530,332	\$530,332	\$18.70	\$18.70
Oct-15	\$556,162	\$556,162	\$19.56	\$19.56
Nov-15	\$797,108	\$797,108	\$27.94	\$27.94
Dec-15	\$1,562,881	\$1,562,881	\$54.60	\$54.60
Jan-16	\$2,531,383	\$2,531,383	\$88.23	\$88.23
Feb-16	\$2,571,626	\$2,571,626	\$89.60	\$89.60
Mar-16	\$2,038,503	\$2,038,503	\$71.14	\$71.14
Apr-16	\$1,356,443	\$1,356,443	\$47.46	\$47.46
May-16	\$851,500	\$851,500	\$29.91	\$29.91
Jun-16	\$593,239	\$593,239	\$20.89	\$20.89
Jul-16	\$538,980	\$538,980	\$19.02	\$19.02
Aug-16	\$562,914	\$554,754	\$19.03	\$18.76
Sep-16	\$564,559	\$556,684	\$19.12	\$18.86
Oct-16	\$618,202	\$607,548	\$20.87	\$20.51
Nov-16	\$962,354	\$931,463	\$32.34	\$31.30
Dec-16	\$2,333,528	\$2,230,590	\$78.07	\$74.62
Jan-17	\$4,563,549	\$4,303,659	\$152.54	\$143.85
Feb-17	\$3,380,380	\$3,187,329	\$113.04	\$106.59
Mar-17	\$2,524,489	\$2,376,209	\$84.54	\$79.57
Apr-17	\$1,954,163	\$1,849,207	\$65.64	\$62.11
May-17	\$1,190,713	\$1,138,816	\$40.11	\$38.36
Jun-17	\$755,383	\$733,384	\$25.51	\$24.76
Jul-17	\$615,054	\$602,565	\$20.80	\$20.38
Aug-17	\$595,721	\$583,792	\$20.64	\$20.22
Sep-17	\$613,150	\$607,432	\$21.23	\$21.03
Oct-17	\$630,930	\$624,771	\$21.74	\$21.53
Nov-17	\$1,392,909	\$1,362,438	\$47.76	\$46.72
Dec-17	\$2,442,000	\$2,380,398	\$83.47	\$81.36
Jan-18	\$4,449,761	\$4,333,863	\$151.86	\$147.91
Feb-18	\$4,547,299	\$4,444,532	\$154.98	\$151.48
Mar-18	\$3,265,051	\$3,178,455	\$111.39	\$108.44
Apr-18	\$2,404,484	\$2,339,957	\$82.17	\$79.97
May-18	\$1,350,011	\$1,318,281	\$46.33	\$45.24
Jun-18	\$681,207	\$673,074	\$23.47	\$23.19
Jul-18	\$613,743	\$607,939	\$21.19	\$20.99
Aug-18	\$579,839	\$574,555	\$20.92	\$20.73
Sep-18	\$522,383	\$526,727	\$18.85	\$19.00
Oct-18	\$715,810	\$727,417	\$25.64	\$26.06
Nov-18	\$1,428,426	\$1,465,950	\$50.88	\$52.21
Dec-18	\$2,940,838	\$3,021,693	\$104.46	\$107.33
Jan-19	\$3,261,909	\$3,358,435	\$115.51	\$118.93
Feb-19	\$3,959,800	\$4,089,521	\$140.22	\$144.81
Mar-19	\$3,339,923	\$3,453,884	\$118.35	\$122.39
Apr-19	\$1,955,965	\$2,018,466	\$69.58	\$71.81
May-19	\$1,182,742	\$1,215,182	\$42.17	\$43.33
Jun-19	\$692,089	\$703,823	\$24.75	\$25.17
July 15 - June 16	\$14,449,345	\$14,449,345	\$505.78	\$505.78
July 16 - June 17	\$19,949,214	\$19,008,623	\$669.83	\$638.32
July 17 - June 18	\$22,987,577	\$22,449,558	\$785.85	\$767.47
July 18 - June 19	\$21,193,465	\$21,763,591	\$752.51	\$772.75

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Commercial/Industrial - B - Gas margin Revenue under Traditional Regulation

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$878,425	\$878,425	\$45.30	\$45.30
Aug-15	\$799,479	\$799,479	\$42.06	\$42.06
Sep-15	\$777,864	\$777,864	\$40.88	\$40.88
Oct-15	\$902,399	\$902,399	\$47.23	\$47.23
Nov-15	\$1,554,246	\$1,554,246	\$80.92	\$80.92
Dec-15	\$3,322,546	\$3,322,546	\$172.44	\$172.44
Jan-16	\$5,349,941	\$5,349,941	\$277.06	\$277.06
Feb-16	\$5,368,769	\$5,368,769	\$278.04	\$278.04
Mar-16	\$4,263,729	\$4,263,729	\$220.98	\$220.98
Apr-16	\$2,747,020	\$2,747,020	\$142.61	\$142.61
May-16	\$1,524,743	\$1,524,743	\$79.36	\$79.36
Jun-16	\$926,148	\$926,148	\$48.32	\$48.32
Jul-16	\$814,561	\$814,561	\$42.54	\$42.54
Aug-16	\$731,260	\$731,260	\$38.93	\$38.93
Sep-16	\$816,963	\$799,329	\$43.46	\$42.52
Oct-16	\$1,006,575	\$982,496	\$53.30	\$52.03
Nov-16	\$1,657,174	\$1,602,664	\$87.45	\$84.58
Dec-16	\$4,534,638	\$4,381,115	\$238.80	\$230.72
Jan-17	\$8,666,100	\$8,388,478	\$455.80	\$441.20
Feb-17	\$6,518,975	\$6,302,318	\$343.05	\$331.65
Mar-17	\$4,815,769	\$4,644,805	\$253.45	\$244.45
Apr-17	\$3,812,003	\$3,683,505	\$201.14	\$194.36
May-17	\$2,134,816	\$2,069,412	\$112.89	\$109.43
Jun-17	\$1,243,131	\$1,210,700	\$65.91	\$64.19
Jul-17	\$958,148	\$935,898	\$50.88	\$49.70
Aug-17	\$827,888	\$810,866	\$43.38	\$42.49
Sep-17	\$887,327	\$866,686	\$46.46	\$45.38
Oct-17	\$1,002,611	\$977,402	\$52.27	\$50.95
Nov-17	\$2,756,428	\$2,656,167	\$143.29	\$138.08
Dec-17	\$4,834,935	\$4,653,236	\$250.94	\$241.51
Jan-18	\$8,856,776	\$8,532,106	\$459.38	\$442.54
Feb-18	\$9,098,771	\$8,811,646	\$471.51	\$456.63
Mar-18	\$6,437,315	\$6,190,788	\$333.90	\$321.12
Apr-18	\$4,771,225	\$4,579,307	\$247.95	\$237.97
May-18	\$2,540,986	\$2,441,162	\$132.41	\$127.20
Jun-18	\$1,020,462	\$993,054	\$53.34	\$51.91
Jul-18	\$878,051	\$857,394	\$45.97	\$44.89
Aug-18	\$842,743	\$824,364	\$42.53	\$41.61
Sep-18	\$851,937	\$861,185	\$43.00	\$43.47
Oct-18	\$1,410,768	\$1,430,909	\$70.76	\$71.77
Nov-18	\$3,293,031	\$3,348,696	\$164.38	\$167.16
Dec-18	\$6,670,930	\$6,774,636	\$332.93	\$338.11
Jan-19	\$7,252,028	\$7,372,380	\$361.46	\$367.46
Feb-19	\$8,457,839	\$8,611,094	\$421.42	\$429.05
Mar-19	\$7,245,937	\$7,384,982	\$361.12	\$368.05
Apr-19	\$3,922,340	\$3,996,882	\$195.87	\$199.59
May-19	\$2,298,872	\$2,340,784	\$115.17	\$117.27
Jun-19	\$1,315,071	\$1,335,301	\$66.02	\$67.03
July 15 - June 16	\$28,415,309	\$28,415,309	\$1,475.19	\$1,475.19
July 16 - June 17	\$36,751,964	\$35,610,642	\$1,936.74	\$1,876.61
July 17 - June 18	\$43,992,872	\$42,448,319	\$2,285.71	\$2,205.48
July 18 - June 19	\$44,439,547	\$45,138,606	\$2,220.64	\$2,255.46

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Commercial/Industrial - C - Gas margin Revenue under Traditional Regulation

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$4,899,380	\$4,899,380	\$ 260.22	\$ 260.22
Aug-15	\$4,662,873	\$4,662,873	\$ 249.70	\$ 249.70
Sep-15	\$4,341,386	\$4,341,386	\$ 232.16	\$ 232.16
Oct-15	\$5,377,100	\$5,377,100	\$ 286.31	\$ 286.31
Nov-15	\$8,759,319	\$8,759,319	\$ 463.60	\$ 463.60
Dec-15	\$16,046,109	\$16,046,109	\$ 845.47	\$ 845.47
Jan-16	\$24,403,957	\$24,403,957	\$ 1,280.51	\$ 1,280.51
Feb-16	\$24,123,474	\$24,123,474	\$ 1,264.47	\$ 1,264.47
Mar-16	\$20,612,837	\$20,612,837	\$ 1,080.05	\$ 1,080.05
Apr-16	\$14,199,922	\$14,199,922	\$ 744.35	\$ 744.35
May-16	\$8,264,627	\$8,264,627	\$ 433.88	\$ 433.88
Jun-16	\$5,185,172	\$5,185,172	\$ 272.24	\$ 272.24
Jul-16	\$4,571,556	\$4,571,556	\$ 240.10	\$ 240.10
Aug-16	\$4,172,883	\$4,172,883	\$ 230.15	\$ 230.15
Sep-16	\$4,713,872	\$4,635,344	\$ 259.06	\$ 254.75
Oct-16	\$6,181,279	\$6,079,402	\$ 337.52	\$ 331.95
Nov-16	\$9,550,187	\$9,368,840	\$ 521.58	\$ 511.68
Dec-16	\$20,917,102	\$20,548,202	\$ 1,119.58	\$ 1,099.83
Jan-17	\$37,593,741	\$36,984,649	\$ 2,007.14	\$ 1,974.62
Feb-17	\$29,907,776	\$29,338,054	\$ 1,596.36	\$ 1,565.95
Mar-17	\$23,127,888	\$22,649,307	\$ 1,234.54	\$ 1,208.99
Apr-17	\$19,886,475	\$19,488,898	\$ 1,061.80	\$ 1,040.57
May-17	\$12,832,340	\$12,581,815	\$ 682.28	\$ 668.96
Jun-17	\$7,855,387	\$7,706,010	\$ 417.06	\$ 409.13
Jul-17	\$5,717,525	\$5,610,069	\$ 302.43	\$ 296.75
Aug-17	\$5,157,702	\$5,062,203	\$ 266.05	\$ 261.13
Sep-17	\$5,988,608	\$5,962,416	\$ 306.71	\$ 305.37
Oct-17	\$6,706,839	\$6,677,345	\$ 340.29	\$ 338.80
Nov-17	\$15,130,698	\$15,057,772	\$ 760.99	\$ 757.32
Dec-17	\$25,049,774	\$24,931,117	\$ 1,254.87	\$ 1,248.93
Jan-18	\$41,728,287	\$41,541,200	\$ 2,085.89	\$ 2,076.54
Feb-18	\$45,347,925	\$45,174,108	\$ 2,262.08	\$ 2,253.41
Mar-18	\$31,874,377	\$31,722,838	\$ 1,588.79	\$ 1,581.24
Apr-18	\$24,884,937	\$24,758,176	\$ 1,239.66	\$ 1,233.35
May-18	\$15,372,473	\$15,290,813	\$ 766.63	\$ 762.56
Jun-18	\$7,062,228	\$7,029,232	\$ 352.27	\$ 350.62
Jul-18	\$6,004,977	\$5,978,260	\$ 299.11	\$ 297.78
Aug-18	\$5,734,912	\$5,709,837	\$ 279.83	\$ 278.61
Sep-18	\$5,769,444	\$5,874,341	\$ 281.01	\$ 286.12
Oct-18	\$8,922,770	\$9,087,532	\$ 432.96	\$ 440.95
Nov-18	\$18,885,263	\$19,237,411	\$ 910.13	\$ 927.10
Dec-18	\$35,341,599	\$35,916,230	\$ 1,699.20	\$ 1,726.82
Jan-19	\$37,795,007	\$38,450,414	\$ 1,813.67	\$ 1,845.12
Feb-19	\$41,897,065	\$42,688,345	\$ 2,006.95	\$ 2,044.85
Mar-19	\$37,663,174	\$38,423,553	\$ 1,804.57	\$ 1,841.00
Apr-19	\$23,064,388	\$23,543,658	\$ 1,105.15	\$ 1,128.11
May-19	\$16,174,033	\$16,488,841	\$ 774.92	\$ 790.00
Jun-19	\$8,782,672	\$8,962,520	\$ 420.59	\$ 429.20
July 15 - June 16	\$140,876,155	\$140,876,155	\$7,412.96	\$7,412.96
July 16 - June 17	\$181,310,485	\$178,124,961	\$9,707.18	\$9,536.70
July 17 - June 18	\$230,021,374	\$228,817,289	\$11,526.68	\$11,466.01
July 18 - June 19	\$246,035,304	\$250,360,941	\$11,828.07	\$12,035.67

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Small Volume Dual Fuel - A - Gas margin Revenue under Traditional Regulation
Uses less than 120,000 therms/year

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$986,890	\$986,890	\$ 520.79	\$ 520.79
Aug-15	\$1,061,670	\$1,061,670	\$ 561.14	\$ 561.14
Sep-15	\$1,085,037	\$1,085,037	\$ 568.98	\$ 568.98
Oct-15	\$2,332,614	\$2,332,614	\$ 1,214.27	\$ 1,214.27
Nov-15	\$3,645,337	\$3,645,337	\$ 1,912.56	\$ 1,912.56
Dec-15	\$5,385,164	\$5,385,164	\$ 2,855.34	\$ 2,855.34
Jan-16	\$6,947,681	\$6,947,681	\$ 3,689.69	\$ 3,689.69
Feb-16	\$5,565,686	\$5,565,686	\$ 2,963.62	\$ 2,963.62
Mar-16	\$3,872,039	\$3,872,039	\$ 2,063.99	\$ 2,063.99
Apr-16	\$2,507,453	\$2,507,453	\$ 1,342.32	\$ 1,342.32
May-16	\$1,156,630	\$1,156,630	\$ 620.18	\$ 620.18
Jun-16	\$819,004	\$819,004	\$ 440.09	\$ 440.09
Jul-16	\$811,018	\$811,018	\$ 435.10	\$ 435.10
Aug-16	\$924,109	\$924,109	\$ 489.21	\$ 489.21
Sep-16	\$1,220,636	\$1,254,817	\$ 664.98	\$ 646.87
Oct-16	\$2,801,566	\$2,881,599	\$ 1,548.41	\$ 1,505.41
Nov-16	\$3,220,380	\$3,311,298	\$ 1,944.39	\$ 1,891.00
Dec-16	\$6,909,726	\$7,085,381	\$ 4,158.09	\$ 4,055.00
Jan-17	\$7,691,481	\$7,866,873	\$ 4,622.13	\$ 4,519.08
Feb-17	\$4,960,416	\$5,053,816	\$ 2,976.33	\$ 2,921.33
Mar-17	\$4,507,037	\$4,606,088	\$ 2,725.50	\$ 2,666.89
Apr-17	\$2,342,842	\$2,393,495	\$ 1,485.72	\$ 1,454.28
May-17	\$1,438,111	\$1,468,558	\$ 938.38	\$ 918.92
Jun-17	\$798,269	\$814,105	\$ 537.72	\$ 527.26
Jul-17	\$747,348	\$762,784	\$ 529.71	\$ 518.99
Aug-17	\$706,974	\$721,744	\$ 535.42	\$ 524.46
Sep-17	\$724,573	\$744,795	\$ 576.47	\$ 560.82
Oct-17	\$1,973,821	\$2,033,365	\$ 1,723.19	\$ 1,672.73
Nov-17	\$3,860,616	\$3,968,549	\$ 3,424.11	\$ 3,330.99
Dec-17	\$4,515,539	\$4,636,359	\$ 4,042.16	\$ 3,936.83
Jan-18	\$5,278,841	\$5,411,753	\$ 4,722.30	\$ 4,606.32
Feb-18	\$5,674,606	\$5,792,618	\$ 5,063.48	\$ 4,960.32
Mar-18	\$3,473,276	\$3,567,785	\$ 3,151.75	\$ 3,068.26
Apr-18	\$2,268,325	\$2,342,637	\$ 2,076.81	\$ 2,010.93
May-18	\$644,218	\$664,017	\$ 588.67	\$ 571.12
Jun-18	\$526,249	\$541,468	\$ 482.59	\$ 469.03
Jul-18	\$531,687	\$546,634	\$ 488.07	\$ 474.72
Aug-18	\$544,938	\$560,138	\$ 485.39	\$ 472.22
Sep-18	\$839,609	\$838,373	\$ 724.61	\$ 725.68
Oct-18	\$2,524,588	\$2,520,767	\$ 2,232.74	\$ 2,236.13
Nov-18	\$3,690,992	\$3,686,175	\$ 3,291.23	\$ 3,295.53
Dec-18	\$4,743,615	\$4,738,442	\$ 4,272.72	\$ 4,277.38
Jan-19	\$5,168,782	\$5,162,728	\$ 4,672.15	\$ 4,677.63
Feb-19	\$4,444,152	\$4,438,445	\$ 4,020.33	\$ 4,025.50
Mar-19	\$3,548,500	\$3,543,464	\$ 3,227.20	\$ 3,231.78
Apr-19	\$1,784,469	\$1,781,627	\$ 1,630.03	\$ 1,632.63
May-19	\$1,179,268	\$1,177,652	\$ 1,080.41	\$ 1,081.90
Jun-19	\$445,343	\$444,664	\$ 407.95	\$ 408.57
July 15 - June 16	\$35,365,207	\$35,365,207	\$18,752.95	\$18,752.95
July 16 - June 17	\$37,625,591	\$38,471,157	\$22,525.95	\$22,030.34
July 17 - June 18	\$30,394,387	\$31,187,873	\$26,916.66	\$26,230.79
July 18 - June 19	\$29,445,942	\$29,439,111	\$26,532.83	\$26,539.67

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Small Volume Dual Fuel - B - Gas margin Revenue under Traditional Regulation
Uses greater than 120,000 therms/year

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$1,001,259	\$1,001,259	\$ 2,621.10	\$ 2,621.10
Aug-15	\$984,225	\$984,225	\$ 2,590.07	\$ 2,590.07
Sep-15	\$900,033	\$900,033	\$ 2,381.04	\$ 2,381.04
Oct-15	\$1,478,650	\$1,478,650	\$ 3,911.77	\$ 3,911.77
Nov-15	\$2,397,647	\$2,397,647	\$ 6,309.60	\$ 6,309.60
Dec-15	\$3,380,348	\$3,380,348	\$ 8,966.44	\$ 8,966.44
Jan-16	\$4,235,810	\$4,235,810	\$ 11,235.57	\$ 11,235.57
Feb-16	\$3,484,466	\$3,484,466	\$ 9,267.20	\$ 9,267.20
Mar-16	\$2,660,639	\$2,660,639	\$ 7,095.04	\$ 7,095.04
Apr-16	\$1,747,462	\$1,747,462	\$ 4,647.50	\$ 4,647.50
May-16	\$917,460	\$917,460	\$ 2,479.62	\$ 2,479.62
Jun-16	\$723,171	\$723,171	\$ 1,959.81	\$ 1,959.81
Jul-16	\$828,825	\$828,825	\$ 2,252.24	\$ 2,252.24
Aug-16	\$854,405	\$854,405	\$ 2,309.20	\$ 2,309.20
Sep-16	\$950,777	\$977,165	\$ 2,648.14	\$ 2,576.63
Oct-16	\$1,596,623	\$1,640,269	\$ 4,433.16	\$ 4,315.20
Nov-16	\$2,125,342	\$2,182,648	\$ 6,457.54	\$ 6,287.99
Dec-16	\$4,243,677	\$4,345,962	\$ 12,896.03	\$ 12,592.51
Jan-17	\$4,748,576	\$4,850,679	\$ 14,479.64	\$ 14,174.85
Feb-17	\$3,168,503	\$3,219,379	\$ 9,610.09	\$ 9,458.22
Mar-17	\$2,946,984	\$3,002,647	\$ 9,044.12	\$ 8,876.46
Apr-17	\$1,643,187	\$1,674,010	\$ 5,247.68	\$ 5,151.06
May-17	\$1,226,163	\$1,249,048	\$ 3,977.86	\$ 3,904.98
Jun-17	\$844,708	\$859,985	\$ 2,783.12	\$ 2,733.68
Jul-17	\$726,334	\$740,006	\$ 2,458.49	\$ 2,413.07
Aug-17	\$794,643	\$809,811	\$ 2,708.40	\$ 2,657.67
Sep-17	\$787,604	\$805,318	\$ 2,776.96	\$ 2,715.88
Oct-17	\$1,442,814	\$1,476,241	\$ 5,198.03	\$ 5,080.33
Nov-17	\$2,605,023	\$2,660,237	\$ 9,467.03	\$ 9,270.54
Dec-17	\$3,545,586	\$3,617,337	\$ 12,873.08	\$ 12,617.74
Jan-18	\$4,139,886	\$4,218,409	\$ 14,906.04	\$ 14,628.57
Feb-18	\$4,621,015	\$4,692,818	\$ 16,524.01	\$ 16,271.18
Mar-18	\$2,796,282	\$2,853,998	\$ 10,120.56	\$ 9,915.89
Apr-18	\$1,902,263	\$1,950,283	\$ 6,915.90	\$ 6,745.61
May-18	\$773,308	\$792,542	\$ 2,820.43	\$ 2,751.99
Jun-18	\$652,126	\$667,593	\$ 2,384.26	\$ 2,329.02
Jul-18	\$673,147	\$688,634	\$ 2,459.41	\$ 2,404.10
Aug-18	\$715,800	\$732,180	\$ 2,624.30	\$ 2,565.59
Sep-18	\$836,918	\$837,673	\$ 3,024.09	\$ 3,021.36
Oct-18	\$1,821,941	\$1,823,579	\$ 8,939.11	\$ 8,931.08
Nov-18	\$2,324,260	\$2,326,046	\$ 11,515.08	\$ 11,506.24
Dec-18	\$2,922,265	\$2,924,132	\$ 14,475.90	\$ 14,466.66
Jan-19	\$3,138,619	\$3,140,772	\$ 15,471.78	\$ 15,461.17
Feb-19	\$2,696,282	\$2,698,316	\$ 13,358.00	\$ 13,347.93
Mar-19	\$2,269,699	\$2,271,599	\$ 11,301.49	\$ 11,292.04
Apr-19	\$1,264,122	\$1,265,325	\$ 6,295.15	\$ 6,289.16
May-19	\$1,039,105	\$1,039,967	\$ 5,252.36	\$ 5,248.01
Jun-19	\$554,238	\$554,793	\$ 2,801.98	\$ 2,799.18
July 15 - June 16	\$23,911,169	\$23,911,169	\$63,464.76	\$63,464.76
July 16 - June 17	\$25,177,770	\$25,685,024	\$76,138.83	\$74,633.03
July 17 - June 18	\$24,786,883	\$25,284,592	\$89,153.20	\$87,397.50
July 18 - June 19	\$20,256,395	\$20,303,014	\$97,518.65	\$97,332.52

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Table D-10
Large Volume - Firm and Dual Fuel Combined - Gas margin Revenue Estimate
Peak Day Greater than 2,000 Therms

	Total Revenue Actual- 1/	Total Revenue under Traditional Reg - 2/	Actual Revenue / Customer	Traditional Revenue / Customer
Jul-15	\$4,284,828	\$4,284,828	\$19,837.17	\$19,837.17
Aug-15	\$4,726,856	\$4,726,856	\$21,883.59	\$21,883.59
Sep-15	\$4,815,142	\$4,815,142	\$22,087.81	\$22,087.81
Oct-15	\$4,877,459	\$4,877,459	\$22,373.66	\$22,373.66
Nov-15	\$5,087,739	\$5,087,739	\$23,231.69	\$23,231.69
Dec-15	\$5,936,036	\$5,936,036	\$27,355.01	\$27,355.01
Jan-16	\$7,186,675	\$7,186,675	\$33,118.32	\$33,118.32
Feb-16	\$6,084,689	\$6,084,689	\$28,040.04	\$28,040.04
Mar-16	\$5,151,030	\$5,151,030	\$23,737.47	\$23,737.47
Apr-16	\$4,175,404	\$4,175,404	\$19,330.57	\$19,330.57
May-16	\$3,430,027	\$3,430,027	\$15,953.61	\$15,953.61
Jun-16	\$3,648,420	\$3,648,420	\$17,128.73	\$17,128.73
Jul-16	\$4,668,948	\$4,668,948	\$21,515.89	\$21,515.89
Aug-16	\$5,186,771	\$5,186,771	\$23,792.53	\$23,792.53
Sep-16	\$4,715,520	\$4,682,944	\$21,630.83	\$21,481.39
Oct-16	\$5,429,905	\$5,393,358	\$24,794.09	\$24,627.20
Nov-16	\$5,630,964	\$5,592,191	\$25,250.96	\$25,077.09
Dec-16	\$8,621,321	\$8,570,602	\$38,660.63	\$38,433.19
Jan-17	\$10,131,050	\$10,078,291	\$45,430.72	\$45,194.13
Feb-17	\$7,493,406	\$7,444,604	\$33,602.72	\$33,383.88
Mar-17	\$6,998,507	\$6,944,107	\$31,243.34	\$31,000.48
Apr-17	\$5,577,742	\$5,536,461	\$25,012.29	\$24,827.18
May-17	\$5,792,361	\$5,749,433	\$26,091.72	\$25,898.35
Jun-17	\$5,245,739	\$5,207,906	\$23,523.49	\$23,353.84
Jul-17	\$4,680,652	\$4,645,414	\$21,275.69	\$21,115.52
Aug-17	\$4,953,536	\$4,915,752	\$22,213.17	\$22,043.73
Sep-17	\$4,712,927	\$4,708,449	\$21,039.85	\$21,019.86
Oct-17	\$5,633,247	\$5,627,760	\$25,374.98	\$25,350.27
Nov-17	\$6,974,607	\$6,968,223	\$27,677.01	\$27,651.68
Dec-17	\$8,177,292	\$8,170,167	\$37,339.23	\$37,306.70
Jan-18	\$9,824,732	\$9,816,774	\$44,255.55	\$44,219.70
Feb-18	\$11,405,412	\$11,398,039	\$51,375.73	\$51,342.52
Mar-18	\$7,353,739	\$7,347,187	\$33,124.95	\$33,095.43
Apr-18	\$5,544,333	\$5,538,401	\$25,201.51	\$25,174.55
May-18	\$3,719,266	\$3,715,338	\$16,905.75	\$16,887.90
Jun-18	\$3,967,598	\$3,963,594	\$18,034.54	\$18,016.34
Jul-18	\$4,130,217	\$4,126,189	\$18,859.44	\$18,841.05
Aug-18	\$4,634,100	\$4,629,600	\$20,874.32	\$20,854.06
Sep-18	\$4,572,256	\$4,606,670	\$20,595.75	\$20,750.76
Oct-18	\$6,102,003	\$6,146,987	\$22,351.66	\$22,516.44
Nov-18	\$8,796,737	\$8,854,172	\$33,703.97	\$33,924.03
Dec-18	\$11,019,284	\$11,077,935	\$42,710.40	\$42,937.73
Jan-19	\$10,730,542	\$10,792,375	\$41,753.08	\$41,993.68
Feb-19	\$10,063,327	\$10,127,855	\$39,933.84	\$40,189.90
Mar-19	\$7,872,644	\$7,929,237	\$31,240.65	\$31,465.23
Apr-19	\$5,152,847	\$5,193,494	\$20,447.80	\$20,609.10
May-19	\$5,052,892	\$5,088,620	\$20,131.04	\$20,273.39
Jun-19	\$3,795,010	\$3,826,576	\$13,409.93	\$13,521.47
July 15 - June 16	\$59,404,305	\$59,404,305	\$274,077.67	\$274,077.67
July 16 - June 17	\$75,492,233	\$75,055,615	\$340,549.19	\$338,585.14
July 17 - June 18	\$76,947,340	\$76,815,099	\$343,817.97	\$343,224.21
July 18 - June 19	\$81,921,859	\$82,399,711	\$326,011.90	\$327,876.83

1/ Includes Basic Charge, GAP, CIP, RD Rider, Cost of Gas, and Delivery charge
2/ Calculation of Revenue excludes the RD Rider surcharge, since under "traditional" rates this revenue would not be billed.

Detailed Chronological Listing of Docket Numbers

	PGA	Demand Entitlement	True-Up	Rate Case	New Base COG	Misc. Rider
	"AA"	"M"	"AA"	"GR"	"MR"	"M"
Jan-11	11-16					
Feb-11	11-97					
Mar-11	11-173					
Apr-11	11-264					
May-11	11-400					
Jun-11	11-514					
Jul-11	11-696					
Aug-11	11-785					
Sep-11	11-877		11-793, 11-896			
Oct-11	11-1004, 11-1028					
Nov-11	11-1081	11-1078				
Dec-11	11-1176					
Jan-12	12-12					11-383
Feb-12	12-97					
Mar-12	12-186					
Apr-12	12-339					
May-12	12-435					
Jun-12	12-540					
Jul-12	12-722					
Aug-12	12-849	12-864				
Sep-12	12-934		12-756, 12-942			
Oct-12	12-1061					
Nov-12	12-1191					
Dec-12	12-1316					12-437
Jan-13	13-12					
Feb-13	13-81					
Mar-13	13-160					
Apr-13	13-250					
May-13	13-332					
Jun-13	13-441					
Jul-13	13-567	13-578				
Aug-13	13-664		13-600, 13-790	13-316	13-674	13-728
Sep-13	13-777					
Oct-13	13-912					13-373
Nov-13	13-1019					
Dec-13	13-1107					
Jan-14	14-17					
Feb-14	14-104					
Mar-14	14-188					
Apr-14	14-295					
May-14	14-372					
Jun-14	14-464					
Jul-14	14-562	14-561				
Aug-14	14-659					
Sep-14	14-751		14-580			
Oct-14	14-854					
Nov-14	14-948					
Dec-14	14-1004					
Jan-15	15-25					14-368
Feb-15	15-119					
Mar-15	15-196					

	PGA	Demand Entitlement	True-Up	Rate Case	New Base COG	Misc. Rider
	"AA"	"M"	"AA"	"GR"	"MR"	"M"
Apr-15	15-327					
May-15	15-415					
Jun-15	15-543					
Jul-15	15-639	15-644				
Aug-15	15-734			15-424	15-728	
Sep-15	15-799		15-612, 15-800			
Oct-15	15-890					
Nov-15	15-964					
Dec-15	15-1019					
Jan-16	16-21					CCRA 15-421
Feb-16	16-101					
Mar-16	16-192					Demand Adj 16-228
Apr-16	16-285					
May-16	16-376					
Jun-16	16-449					
Jul-16	16-559	16-571	16-524, 16-730			
Aug-16	16-646					
Sep-16	16-728			13-316 RD Rider		
Oct-16	16-819					
Nov-16	16-890					
Dec-16	16-990			Final 15-424	Base COG 16-741	
Jan-17	17-22					CCRA 16-366
Feb-17	17-107					
Mar-17	17-170					
Apr-17	17-262					
May-17	17-323					17-339
Jun-17	17-441					
Jul-17	17-534	17-533				
Aug-17	17-589			17-285	Base COG 17-591	
Sep-17	17-653		17-493, 17-668	13-316 RD Rider		
Oct-17	17-724				17-591	
Nov-17	17-783					
Dec-17	17-844					
Jan-18	18-24/18-55					
Feb-18	18-107					
Mar-18	18-177					
Apr-18	18-237					
May-18	18-311					CCRA 18-120
Jun-18	18-359					
Jul-18	18-456	18-462				
Aug-18	18-529					
Sep-18	18-575		18-374, 18-573		18-574 RD Rider; 18-120 CCRA	
Oct-18	18-616					
Nov-18	18-666			Final 17-285	Base COG 18-533	
Dec-18	18-741					
Jan-19	19-26					
Feb-19	19-122					
Mar-19	19-192					
Apr-19	19-235					
May-19	19-279	19-278				
Jun-19	19-373					

Residential Gas Rates											
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE or RD Rider / therm	IBR Adjust Factor	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(75)	Jan-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	(\$0.00274)	\$0.00000	\$0.07661	\$0.35846	\$0.02112	\$0.63898
(76)	Feb-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	(\$0.00274)	\$0.00000	\$0.08851	\$0.35698	\$0.02112	\$0.64940
(77)	Mar-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.09370	\$0.36412	\$0.02112	\$0.66459
(78)	Apr-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.06117	\$0.40909	\$0.02112	\$0.67703
(79)	May-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.05609	\$0.43017	\$0.02112	\$0.69303
(80)	Jun-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.07483	\$0.42815	\$0.02112	\$0.70975
(81)	Jul-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.07483	\$0.38208	\$0.02112	\$0.66368
(82)	Aug-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.07483	\$0.35753	\$0.02112	\$0.63913
(83)	Sep-13	\$8.00	\$0.00490	\$0.02070	\$0.18063	\$0.00012	\$0.00000	\$0.07483	\$0.37236	(\$0.00026)	\$0.63258
(84)	Oct-13	\$8.00	\$0.00490	\$0.03292	\$0.18063	\$0.00012	\$0.00000	\$0.07483	\$0.37628	(\$0.00026)	\$0.63650
(85)	Nov-13	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00012	\$0.00000	\$0.07360	\$0.39885	(\$0.00026)	\$0.65017
(86)	Dec-13	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00012	\$0.00000	\$0.07282	\$0.41183	(\$0.00026)	\$0.66237
(87)											
(88)	Jan-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00012	\$0.00000	\$0.05460	\$0.47594	(\$0.00026)	\$0.70826
(89)	Feb-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00012	\$0.00000	\$0.05566	\$0.55912	(\$0.00026)	\$0.79250
(90)	Mar-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.05071	\$0.87194	(\$0.00026)	\$1.10324
(91)	Apr-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.04993	\$0.58444	(\$0.00026)	\$0.81496
(92)	May-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.04968	\$0.45802	(\$0.00026)	\$0.68829
(93)	Jun-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.06624	\$0.47509	(\$0.00026)	\$0.72192
(94)	Jul-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.06624	\$0.47912	(\$0.00026)	\$0.72595
(95)	Aug-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.06624	\$0.39568	(\$0.00026)	\$0.64251
(96)	Sep-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.06624	\$0.41241	\$0.04083	\$0.70033
(97)	Oct-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.06965	\$0.43480	\$0.04083	\$0.72613
(98)	Nov-14	\$8.00	\$0.00490	\$0.02525	\$0.17296	\$0.00299	\$0.00000	\$0.09050	\$0.43991	\$0.04083	\$0.75209
(99)	Dec-14	\$9.50	\$0.00519	\$0.02508	\$0.19117	\$0.00299	\$0.00000	\$0.07360	\$0.49148	\$0.04083	\$0.80526
(100)											
(101)	Jan-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00299	\$0.00000	\$0.06218	\$0.42198	\$0.04083	\$0.72658
(102)	Feb-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00299	\$0.00000	\$0.07911	\$0.38562	\$0.04083	\$0.70715
(103)	Mar-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.06218	\$0.44036	\$0.04083	\$0.74197
(104)	Apr-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.09648	\$0.30646	\$0.04083	\$0.64237
(105)	May-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.10355	\$0.24666	\$0.04083	\$0.58964
(106)	Jun-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.08282	\$0.28942	\$0.04083	\$0.61167
(107)	Jul-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.08282	\$0.28077	\$0.04083	\$0.60302
(108)	Aug-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.08282	\$0.29164	\$0.04083	\$0.61389
(109)	Sep-15	\$9.50	\$0.00519	\$0.02732	\$0.19341	\$0.00000	\$0.00000	\$0.08282	\$0.28063	(\$0.00877)	\$0.55328
(110)	Oct-15	\$9.50	\$0.00519	\$0.02833	\$0.19341	\$0.00000	\$0.00000	\$0.07791	\$0.27831	(\$0.00877)	\$0.54605
(111)	Nov-15	\$9.50	\$0.00519	\$0.02833	\$0.19341	\$0.00000	\$0.00000	\$0.07591	\$0.28243	(\$0.00877)	\$0.54817
(112)	Dec-15	\$9.50	\$0.00519	\$0.02833	\$0.19341	\$0.00000	\$0.00000	\$0.07588	\$0.29715	(\$0.00877)	\$0.56286
(113)											
(114)	Jan-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.08518	\$0.29362	(\$0.00877)	\$0.57001
(115)	Feb-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.07013	\$0.28608	(\$0.00877)	\$0.54742
(116)	Mar-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.08947	\$0.28649	(\$0.00877)	\$0.56717
(117)	Apr-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.10331	\$0.24701	(\$0.00877)	\$0.54153
(118)	May-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.10328	\$0.19784	(\$0.00877)	\$0.49233
(119)	Jun-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.08257	\$0.20116	(\$0.00877)	\$0.47494
(120)	Jul-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.08257	\$0.27167	(\$0.00877)	\$0.54545
(121)	Aug-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.00000	\$0.00000	\$0.08257	\$0.27167	(\$0.00877)	\$0.54545
(122)	Sep-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.02357	\$0.00000	\$0.08267	\$0.28716	\$0.00667	\$0.60005
(123)	Oct-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.02357	\$0.00000	\$0.10278	\$0.29890	\$0.00667	\$0.63190
(124)	Nov-16	\$9.50	\$0.00519	\$0.02971	\$0.19479	\$0.02357	\$0.00000	\$0.06010	\$0.29045	\$0.00667	\$0.58077
(125)	Dec-16	\$9.50	\$0.00462	\$0.02949	\$0.21669	\$0.02357	\$0.00000	\$0.06765	\$0.33747	\$0.00667	\$0.65667
(126)											
(127)	Jan-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02357	\$0.00000	\$0.07320	\$0.39158	\$0.00667	\$0.72165
(128)	Feb-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.07964	\$0.35473	\$0.00667	\$0.69469
(129)	Mar-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.10078	\$0.27793	\$0.00667	\$0.63903
(130)	Apr-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.10069	\$0.29496	\$0.00667	\$0.65597
(131)	May-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.10069	\$0.29496	\$0.00667	\$0.65597
(132)	Jun-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.08047	\$0.30480	\$0.00667	\$0.64559
(133)	Jul-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.08047	\$0.28570	\$0.00667	\$0.62649
(134)	Aug-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02702	\$0.00000	\$0.08047	\$0.28114	\$0.00667	\$0.62193
(135)	Sep-17	\$9.50	\$0.00462	\$0.03481	\$0.22201	\$0.02660	\$0.00000	\$0.08047	\$0.28206	\$0.01565	\$0.63141
(136)	Oct-17	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.09299	\$0.27544	\$0.01565	\$0.63731
(137)	Nov-17	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.06015	\$0.30003	\$0.01565	\$0.62906
(138)	Dec-17	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.06016	\$0.32308	\$0.01565	\$0.65212
(139)											
(140)	Jan-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.06855	\$0.35606	\$0.01565	\$0.69349
(141)	Feb-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.06012	\$0.47097	\$0.01565	\$0.79997
(142)	Mar-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.07267	\$0.31275	\$0.01565	\$0.65430
(143)	Apr-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.10005	\$0.24237	\$0.01565	\$0.61130
(144)	May-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.06755	\$0.24132	\$0.01565	\$0.57775
(145)	Jun-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.07996	\$0.25792	\$0.01565	\$0.60676
(146)	Jul-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.07996	\$0.27083	\$0.01565	\$0.61967
(147)	Aug-18	\$9.50	\$0.00462	\$0.03974	\$0.22201	\$0.02660	\$0.00000	\$0.07996	\$0.27399	\$0.01565	\$0.62283
(148)	Sep-18	\$9.50	\$0.00462	\$0.02862	\$0.21089	-\$0.01208	\$0.00000	\$0.07996	\$0.28022	\$0.03620	\$0.59981
(149)	Oct-18	\$9.50	\$0.00462	\$0.02862	\$0.21089	-\$0.01208	\$0.00000	\$0.09606	\$0.28937	\$0.03620	\$0.62506
(150)	Nov-18	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.06448	\$0.34556	\$0.03620	\$0.65334
(151)	Dec-18	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.06448	\$0.44871	\$0.03620	\$0.75649
(152)											
(153)	Jan-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.06448	\$0.40692	\$0.03620	\$0.71470
(154)	Feb-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.06448	\$0.35553	\$0.03620	\$0.66331
(155)	Mar-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.07586	\$0.30421	\$0.03620	\$0.62337
(156)	Apr-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.09201	\$0.26303	\$0.03620	\$0.59834
(157)	May-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.10903	\$0.22067	\$0.03620	\$0.57300
(158)	Jun-19	\$9.50	\$0.00441	\$0.02803	\$0.21477	-\$0.01208	\$0.00000	\$0.08722	\$0.23629	\$0.03620	\$0.56681

Commercial A - Gas Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE or RD Rider / therm	IBR Adjust Factor	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(1)	Jul-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.10791	\$0.65457	\$0.00969	\$0.91045
(2)	Aug-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.10791	\$0.56383	\$0.00969	\$0.81971
(3)	Sep-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.10801	\$0.53249	-\$0.00548	\$0.77330
(4)	Oct-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.10801	\$0.61615	-\$0.00548	\$0.85696
(5)	Nov-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.07719	\$0.74990	-\$0.00548	\$0.95989
(6)	Dec-07	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.07719	\$0.81507	-\$0.00548	\$1.02506
(7)											
(8)	Jan-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.07475	\$0.77349	-\$0.00548	\$0.98104
(9)	Feb-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.08961	\$0.83925	-\$0.00548	\$1.06166
(10)	Mar-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.09470	\$0.89677	-\$0.00548	\$1.12427
(11)	Apr-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.05940	\$0.88924	-\$0.00548	\$1.08144
(12)	May-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.05881	\$1.02052	-\$0.00548	\$1.21213
(13)	Jun-08	\$9.50	\$0.00482	\$0.00449	\$0.13346			\$0.07901	\$1.05175	-\$0.00548	\$1.26356
(14)	Jul-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07901	\$1.19503	-\$0.00548	\$1.40660
(15)	Aug-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07901	\$0.81732	-\$0.00548	\$1.02889
(16)	Sep-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07901	\$0.72915	\$0.00146	\$0.94766
(17)	Oct-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07329	\$0.59437	\$0.00146	\$0.80716
(18)	Nov-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07265	\$0.63933	\$0.00146	\$0.85148
(19)	Dec-08	\$9.50	\$0.00482	\$0.00449	\$0.13322			\$0.07204	\$0.71392	\$0.00146	\$0.92546
(20)											
(21)	Jan-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.07583	\$0.67605	\$0.00146	\$0.90496
(22)	Feb-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.05468	\$0.57092	\$0.00146	\$0.77868
(23)	Mar-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.04902	\$0.51098	\$0.00146	\$0.71308
(24)	Apr-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.04902	\$0.40289	\$0.00146	\$0.60499
(25)	May-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.07456	\$0.30456	\$0.00146	\$0.53220
(26)	Jun-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.06536	\$0.30541	\$0.00146	\$0.52235
(27)	Jul-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.06536	\$0.35093	\$0.00146	\$0.56937
(28)	Aug-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.06536	\$0.34682	\$0.00146	\$0.56526
(29)	Sep-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.06536	\$0.27993	-\$0.00872	\$0.48819
(30)	Oct-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.05868	\$0.40176	-\$0.00872	\$0.60334
(31)	Nov-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.07803	\$0.51434	-\$0.00872	\$0.73527
(32)	Dec-09	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.08403	\$0.51540	-\$0.00872	\$0.74233
(33)											
(34)	Jan-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.08828	\$0.61578	-\$0.00872	\$0.84696
(35)	Feb-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.07686	\$0.58864	-\$0.00872	\$0.80840
(36)	Mar-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.05670	\$0.51887	-\$0.00872	\$0.71847
(37)	Apr-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.05670	\$0.40447	-\$0.00872	\$0.60407
(38)	May-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.09450	\$0.40910	-\$0.00872	\$0.64650
(39)	Jun-10	\$12.00	\$0.00482	\$0.00644	\$0.14680			\$0.07560	\$0.41028	-\$0.00872	\$0.62878
(40)											
(41)											
(42)	Jul-10	\$12.00	\$0.00490	\$0.00644	\$0.14680	\$0.00000		\$0.07851	\$0.47577	-\$0.00872	\$0.69726
(43)	Aug-10	\$12.00	\$0.00490	\$0.00644	\$0.14680	\$0.00000		\$0.07844	\$0.45197	-\$0.00872	\$0.67339
(44)	Sep-10	\$12.00	\$0.00490	\$0.00644	\$0.14680	\$0.00000		\$0.07844	\$0.35712	\$0.02830	\$0.61556
(45)	Oct-10	\$12.00	\$0.00490	\$0.00644	\$0.14680	\$0.00000		\$0.07844	\$0.40453	\$0.02830	\$0.66297
(46)	Nov-10	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00000		\$0.07911	\$0.38083	\$0.02830	\$0.64890
(47)	Dec-10	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00000		\$0.08411	\$0.46914	\$0.02830	\$0.74221
(48)											
(49)	Jan-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00000	\$0.00000	\$0.08313	\$0.45851	\$0.02830	\$0.73060
(50)	Feb-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00000	\$0.00000	\$0.06903	\$0.47719	\$0.02830	\$0.73518
(51)	Mar-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.05845	\$0.42684	\$0.02830	\$0.68561
(52)	Apr-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.05839	\$0.45826	\$0.02830	\$0.71697
(53)	May-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.09461	\$0.44420	\$0.02830	\$0.73913
(54)	Jun-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.07759	\$0.44390	\$0.02830	\$0.72181
(55)	Jul-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.07758	\$0.43786	\$0.02830	\$0.71576
(56)	Aug-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	\$0.00000	\$0.07758	\$0.44628	\$0.02830	\$0.72418
(57)	Sep-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	-\$0.02193	\$0.07758	\$0.40722	\$0.00082	\$0.63571
(58)	Oct-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.01136	-\$0.02193	\$0.06786	\$0.39965	\$0.00082	\$0.61842
(59)	Nov-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00951	-\$0.02193	\$0.07524	\$0.40964	\$0.00082	\$0.63394
(60)	Dec-11	\$12.00	\$0.00490	\$0.01540	\$0.15576	\$0.00951	-\$0.02193	\$0.08425	\$0.39961	\$0.00082	\$0.63292
(61)											
(62)	Jan-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00951	-\$0.02193	\$0.08700	\$0.37468	\$0.00082	\$0.61159
(63)	Feb-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00951	-\$0.02193	\$0.09248	\$0.34089	\$0.00082	\$0.58328
(64)	Mar-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.09638	\$0.33867	\$0.00082	\$0.57584
(65)	Apr-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.09354	\$0.23823	\$0.00082	\$0.47256
(66)	May-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.09350	\$0.20267	\$0.00082	\$0.43696
(67)	Jun-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.07468	\$0.26721	\$0.00082	\$0.48268
(68)	Jul-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.07468	\$0.28179	\$0.00082	\$0.49726
(69)	Aug-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	-\$0.02193	\$0.07468	\$0.32179	\$0.00082	\$0.53726
(70)	Sep-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	\$0.00000	\$0.07468	\$0.27621	\$0.00490	\$0.51769
(71)	Oct-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	\$0.00000	\$0.06631	\$0.31313	\$0.00490	\$0.54624
(72)	Nov-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	\$0.00000	\$0.07282	\$0.37145	\$0.00490	\$0.61107
(73)	Dec-12	\$12.00	\$0.00490	\$0.01625	\$0.15661	\$0.00039	\$0.00000	\$0.07312	\$0.39277	\$0.00490	\$0.63269
(74)											
(75)	Jan-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00039	\$0.00000	\$0.07661	\$0.35846	\$0.00490	\$0.60632
(76)	Feb-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00039	\$0.00000	\$0.08851	\$0.35698	\$0.00490	\$0.61674
(77)	Mar-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.09370	\$0.36412	\$0.00490	\$0.63688
(78)	Apr-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.06117	\$0.40909	\$0.00490	\$0.64932
(79)	May-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.05609	\$0.43017	\$0.00490	\$0.66532
(80)	Jun-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.07483	\$0.42815	\$0.00490	\$0.68204
(81)	Jul-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.07483	\$0.38208	\$0.00490	\$0.63597
(82)	Aug-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.07483	\$0.35753	\$0.00490	\$0.61142
(83)	Sep-13	\$12.00	\$0.00490	\$0.02070	\$0.16106	\$0.00820	\$0.00000	\$0.07483	\$0.37236	-\$0.00174	\$0.61961
(84)	Oct-13	\$12.00	\$0.00490	\$0.03292	\$0.16106	\$0.00820	\$0.00000	\$0.07483	\$0.37628	-\$0.00174	\$0.62353

Commercial A - Gas Rates

(A)	(B)	Basic Charge (C)	GAP / therm (D)	CIP / therm (E)	Delivery Charge / therm inc CIP (F)	CE or RD Rider / therm (G)	IBR Adjust Factor (H)	Demand Cost / therm (I)	Comdity Cost / therm (J)	GCR True-Up Cost / therm (K)	Total Effective Rate (L) (D+F+G+H+I+J+K)
(85)	Nov-13	\$12.00	\$0.00490	\$0.02525	\$0.15339	\$0.00820	\$0.00000	\$0.07360	\$0.39885	-\$0.00174	\$0.63720
(86)	Dec-13	\$12.00	\$0.00490	\$0.02525	\$0.15339	\$0.00820	\$0.00000	\$0.07282	\$0.41183	-\$0.00174	\$0.64940
(87)											
(88)	Jan-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	\$0.00820	\$0.00000	\$0.05460	\$0.47594	-\$0.00174	\$0.69529
(89)	Feb-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	\$0.00820	\$0.00000	\$0.05566	\$0.55912	-\$0.00174	\$0.77953
(90)	Mar-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.05071	\$0.87194	-\$0.00174	\$1.05778
(91)	Apr-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.04993	\$0.58444	-\$0.00174	\$0.76950
(92)	May-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.04968	\$0.45802	-\$0.00174	\$0.64283
(93)	Jun-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.06624	\$0.47509	-\$0.00174	\$0.67646
(94)	Jul-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.06624	\$0.47912	-\$0.00174	\$0.68049
(95)	Aug-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.06624	\$0.39568	-\$0.00174	\$0.59705
(96)	Sep-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.06624	\$0.41241	-\$0.04083	\$0.65635
(97)	Oct-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.06965	\$0.43480	-\$0.04083	\$0.68215
(98)	Nov-14	\$12.00	\$0.00490	\$0.02525	\$0.15339	-\$0.02142	\$0.00000	\$0.09050	\$0.43991	-\$0.04083	\$0.70811
(99)	Dec-14	\$15.00	\$0.00519	\$0.02508	\$0.14788	-\$0.02142	\$0.00000	\$0.07360	\$0.49148	-\$0.04083	\$0.73756
(100)											
(101)	Jan-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	-\$0.02142	\$0.00000	\$0.06218	\$0.42198	-\$0.04083	\$0.65888
(102)	Feb-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	-\$0.02142	\$0.00000	\$0.07911	\$0.38562	-\$0.04083	\$0.63945
(103)	Mar-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.06218	\$0.44036	-\$0.04083	\$0.69868
(104)	Apr-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.09648	\$0.30646	-\$0.04083	\$0.59908
(105)	May-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.10355	\$0.24666	-\$0.04083	\$0.54635
(106)	Jun-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.08282	\$0.28942	-\$0.04083	\$0.56838
(107)	Jul-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.08282	\$0.28077	-\$0.04083	\$0.55973
(108)	Aug-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.08282	\$0.29164	-\$0.04083	\$0.57060
(109)	Sep-15	\$15.00	\$0.00519	\$0.02732	\$0.15012	\$0.00000	\$0.00000	\$0.08282	\$0.28063	-\$0.00877	\$0.50999
(110)	Oct-15	\$15.00	\$0.00519	\$0.02833	\$0.15012	\$0.00000	\$0.00000	\$0.07791	\$0.27831	-\$0.00877	\$0.50276
(111)	Nov-15	\$15.00	\$0.00519	\$0.02833	\$0.15012	\$0.00000	\$0.00000	\$0.07591	\$0.28243	-\$0.00877	\$0.50488
(112)	Dec-15	\$15.00	\$0.00519	\$0.02833	\$0.15012	\$0.00000	\$0.00000	\$0.07588	\$0.29715	-\$0.00877	\$0.51957
(113)											
(114)	Jan-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.08518	\$0.29362	-\$0.00877	\$0.52672
(115)	Feb-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.07013	\$0.28608	-\$0.00877	\$0.50413
(116)	Mar-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.08947	\$0.28649	-\$0.00877	\$0.52388
(117)	Apr-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.10331	\$0.24701	-\$0.00877	\$0.49824
(118)	May-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.10328	\$0.19784	-\$0.00877	\$0.44904
(119)	Jun-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.08257	\$0.20116	-\$0.00877	\$0.43165
(120)	Jul-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.00000	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.50216
(121)	Aug-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.03688	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.53904
(122)	Sep-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.03688	\$0.00000	\$0.08267	\$0.28716	-\$0.00667	\$0.57007
(123)	Oct-16	\$15.00	\$0.00519	\$0.02971	\$0.15150	\$0.03688	\$0.00000	\$0.10278	\$0.29890	-\$0.00667	\$0.60192
(124)	Nov-16	\$15.00	\$0.00519	\$0.02971	\$0.21679	\$0.03688	\$0.00000	\$0.06010	\$0.29045	-\$0.00667	\$0.61608
(125)	Dec-16	\$15.00	\$0.00462	\$0.02949	\$0.22211	\$0.03688	\$0.00000	\$0.06765	\$0.33747	-\$0.00667	\$0.67540
(126)											
(127)	Jan-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.07320	\$0.39158	-\$0.00667	\$0.74525
(128)	Feb-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.07964	\$0.35473	-\$0.00667	\$0.71484
(129)	Mar-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.10078	\$0.27793	-\$0.00667	\$0.65918
(130)	Apr-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.10069	\$0.29496	-\$0.00667	\$0.67612
(131)	May-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.10069	\$0.29496	-\$0.00667	\$0.67612
(132)	Jun-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.08047	\$0.30480	-\$0.00667	\$0.66574
(133)	Jul-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.08047	\$0.28570	-\$0.00667	\$0.64664
(134)	Aug-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.04707	\$0.00000	\$0.08047	\$0.28114	-\$0.00667	\$0.64208
(135)	Sep-17	\$15.00	\$0.00462	\$0.03481	\$0.22211	\$0.01985	\$0.00000	\$0.08047	\$0.28206	-\$0.01565	\$0.62476
(136)	Oct-17	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.09299	\$0.27544	-\$0.01565	\$0.63066
(137)	Nov-17	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.06015	\$0.30003	-\$0.01565	\$0.62241
(138)	Dec-17	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.06016	\$0.32308	-\$0.01565	\$0.64547
(139)											
(140)	Jan-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.06855	\$0.35606	-\$0.01565	\$0.68684
(141)	Feb-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.06012	\$0.47097	-\$0.01565	\$0.79332
(142)	Mar-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.07267	\$0.31275	-\$0.01565	\$0.64765
(143)	Apr-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.10005	\$0.24237	-\$0.01565	\$0.60465
(144)	May-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.06755	\$0.24132	-\$0.01565	\$0.57110
(145)	Jun-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.07996	\$0.25792	-\$0.01565	\$0.60011
(146)	Jul-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.07996	\$0.27083	-\$0.01565	\$0.61302
(147)	Aug-18	\$15.00	\$0.00462	\$0.03974	\$0.22211	\$0.01985	\$0.00000	\$0.07996	\$0.27399	-\$0.01565	\$0.61618
(148)	Sep-18	\$15.00	\$0.00462	\$0.02862	\$0.21099	-\$0.02396	\$0.00000	\$0.07996	\$0.28022	-\$0.03620	\$0.58803
(149)	Oct-18	\$15.00	\$0.00462	\$0.02862	\$0.21099	-\$0.02396	\$0.00000	\$0.09606	\$0.28937	-\$0.03620	\$0.61328
(150)	Nov-18	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.06448	\$0.34556	-\$0.03620	\$0.64318
(151)	Dec-18	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.06448	\$0.44871	-\$0.03620	\$0.74633
(152)											
(153)	Jan-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.06448	\$0.40692	-\$0.03620	\$0.70454
(154)	Feb-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.06448	\$0.35553	-\$0.03620	\$0.65315
(155)	Mar-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.07586	\$0.30421	-\$0.03620	\$0.61321
(156)	Apr-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.09201	\$0.26303	-\$0.03620	\$0.58818
(157)	May-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.10903	\$0.22067	-\$0.03620	\$0.56284
(158)	Jun-19	\$15.00	\$0.00441	\$0.02803	\$0.21649	-\$0.02396	\$0.00000	\$0.08722	\$0.23629	-\$0.03620	\$0.55665

Commercial / Industrial B - Gas Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE / RD Rider / therm	IBR Adjust Factor	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(1)	Jul-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.10791	\$0.65457	\$0.00969	\$0.91085
(2)	Aug-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.10791	\$0.56383	\$0.00969	\$0.82011
(3)	Sep-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.10801	\$0.53249	-\$0.00548	\$0.77370
(4)	Oct-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.10801	\$0.61615	-\$0.00548	\$0.85736
(5)	Nov-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.07719	\$0.74990	-\$0.00548	\$0.96029
(6)	Dec-07	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.07719	\$0.81507	-\$0.00548	\$1.02546
(7)											
(8)	Jan-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.07475	\$0.77349	-\$0.00548	\$0.98144
(9)	Feb-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.08961	\$0.83925	-\$0.00548	\$1.06206
(10)	Mar-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.09470	\$0.89677	-\$0.00548	\$1.12467
(11)	Apr-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.05940	\$0.88924	-\$0.00548	\$1.08184
(12)	May-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.05881	\$1.02052	-\$0.00548	\$1.21253
(13)	Jun-08	\$15.00	\$0.00482	\$0.00449	\$0.13386			\$0.07901	\$1.05175	-\$0.00548	\$1.26396
(14)	Jul-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07901	\$1.19503	-\$0.00548	\$1.40692
(15)	Aug-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07901	\$0.81732	-\$0.00548	\$1.02921
(16)	Sep-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07901	\$0.72915	\$0.00146	\$0.94798
(17)	Oct-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07329	\$0.59437	\$0.00146	\$0.80748
(18)	Nov-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07265	\$0.63933	\$0.00146	\$0.85180
(19)	Dec-08	\$15.00	\$0.00482	\$0.00449	\$0.13354			\$0.07204	\$0.71392	\$0.00146	\$0.92578
(20)											
(21)	Jan-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.07583	\$0.67605	\$0.00146	\$0.90238
(22)	Feb-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.05468	\$0.57092	\$0.00146	\$0.77610
(23)	Mar-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.04902	\$0.51098	\$0.00146	\$0.71050
(24)	Apr-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.04902	\$0.40289	\$0.00146	\$0.60241
(25)	May-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.07456	\$0.30456	\$0.00146	\$0.52962
(26)	Jun-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.06536	\$0.30541	\$0.00146	\$0.52127
(27)	Jul-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.06536	\$0.35093	\$0.00146	\$0.56679
(28)	Aug-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.06536	\$0.34682	\$0.00146	\$0.56268
(29)	Sep-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.06536	\$0.27993	-\$0.00872	\$0.48561
(30)	Oct-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.05868	\$0.40176	-\$0.00872	\$0.60076
(31)	Nov-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.07803	\$0.51434	-\$0.00872	\$0.73269
(32)	Dec-09	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.08403	\$0.51540	-\$0.00872	\$0.73975
(33)											
(34)	Jan-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.08828	\$0.61578	-\$0.00872	\$0.84438
(35)	Feb-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.07686	\$0.58864	-\$0.00872	\$0.80582
(36)	Mar-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.05670	\$0.51887	-\$0.00872	\$0.71589
(37)	Apr-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.05670	\$0.40447	-\$0.00872	\$0.60149
(38)	May-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.09450	\$0.40910	-\$0.00872	\$0.64392
(39)	Jun-10	\$18.00	\$0.00482	\$0.00644	\$0.14422			\$0.07560	\$0.41028	-\$0.00872	\$0.62620
(40)											
(41)											
(42)	Jul-10	\$18.00	\$0.00490	\$0.00644	\$0.14422	\$0.00000		\$0.07851	\$0.47577	-\$0.00872	\$0.69468
(43)	Aug-10	\$18.00	\$0.00490	\$0.00644	\$0.14422	\$0.00000		\$0.07844	\$0.45197	-\$0.00872	\$0.67081
(44)	Sep-10	\$18.00	\$0.00490	\$0.00644	\$0.14422	\$0.00000		\$0.07844	\$0.35712	-\$0.02830	\$0.61298
(45)	Oct-10	\$18.00	\$0.00490	\$0.00644	\$0.14422	\$0.00000		\$0.07844	\$0.40453	\$0.02830	\$0.66039
(46)	Nov-10	\$18.00	\$0.00490	\$0.01540	\$0.15318	\$0.00000		\$0.07911	\$0.38083	\$0.02830	\$0.64632
(47)	Dec-10	\$18.00	\$0.00490	\$0.01540	\$0.15318	\$0.00000		\$0.08411	\$0.46914	\$0.02830	\$0.73963
(48)											
(49)	Jan-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	\$0.00000	\$0.00000	\$0.08313	\$0.45851	\$0.02830	\$0.72802
(50)	Feb-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	\$0.00000	\$0.00000	\$0.06903	\$0.47719	\$0.02830	\$0.73260
(51)	Mar-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.05845	\$0.42684	\$0.02830	\$0.67090
(52)	Apr-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.05839	\$0.45826	\$0.02830	\$0.70226
(53)	May-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.09461	\$0.44420	\$0.02830	\$0.72442
(54)	Jun-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.07759	\$0.44390	\$0.02830	\$0.70710
(55)	Jul-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.07758	\$0.43786	\$0.02830	\$0.70105
(56)	Aug-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	\$0.00000	\$0.07758	\$0.44628	\$0.02830	\$0.70947
(57)	Sep-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	-\$0.02193	\$0.07758	\$0.40722	\$0.00082	\$0.62100
(58)	Oct-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00077	-\$0.02193	\$0.06786	\$0.39965	\$0.00082	\$0.60371
(59)	Nov-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00377	-\$0.02193	\$0.07524	\$0.40964	\$0.00082	\$0.61808
(60)	Dec-11	\$18.00	\$0.00490	\$0.01540	\$0.15318	-\$0.00377	-\$0.02193	\$0.08425	\$0.39961	\$0.00082	\$0.61706
(61)											
(62)	Jan-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.00377	-\$0.02193	\$0.08700	\$0.37468	\$0.00082	\$0.59573
(63)	Feb-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.00377	-\$0.02193	\$0.09248	\$0.34089	\$0.00082	\$0.56742
(64)	Mar-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.09638	\$0.33867	\$0.00082	\$0.55974
(65)	Apr-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.09354	\$0.23823	\$0.00082	\$0.45646
(66)	May-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.09350	\$0.20267	\$0.00082	\$0.42086
(67)	Jun-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.07468	\$0.26721	\$0.00082	\$0.46658
(68)	Jul-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.07468	\$0.28179	\$0.00082	\$0.48116
(69)	Aug-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	-\$0.02193	\$0.07468	\$0.32179	\$0.00082	\$0.52116
(70)	Sep-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	\$0.00000	\$0.07468	\$0.27621	\$0.00490	\$0.50159
(71)	Oct-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	\$0.00000	\$0.06631	\$0.31313	\$0.00490	\$0.53014
(72)	Nov-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	\$0.00000	\$0.07282	\$0.37145	\$0.00490	\$0.59497
(73)	Dec-12	\$18.00	\$0.00490	\$0.01625	\$0.15403	-\$0.01313	\$0.00000	\$0.07312	\$0.39277	\$0.00490	\$0.61659
(74)											
(75)	Jan-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.01313	\$0.00000	\$0.07661	\$0.35846	\$0.00490	\$0.59022
(76)	Feb-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.01313	\$0.00000	\$0.08851	\$0.35698	\$0.00490	\$0.60064
(77)	Mar-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.09370	\$0.36412	\$0.00490	\$0.61623
(78)	Apr-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.06117	\$0.40909	\$0.00490	\$0.62867
(79)	May-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.05609	\$0.43017	\$0.00490	\$0.64467
(80)	Jun-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.07483	\$0.42815	\$0.00490	\$0.66139
(81)	Jul-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.07483	\$0.38208	\$0.00490	\$0.61532
(82)	Aug-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.07483	\$0.35753	\$0.00490	\$0.59077
(83)	Sep-13	\$18.00	\$0.00490	\$0.02070	\$0.15848	-\$0.00987	\$0.00000	\$0.07483	\$0.37236	-\$0.00174	\$0.59896
(84)	Oct-13	\$18.00	\$0.00490	\$0.03292	\$0.15848	-\$0.00987	\$0.00000	\$0.07483	\$0.37628	-\$0.00174	\$0.60288
(85)	Nov-13	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.00987	\$0.00000	\$0.07360	\$0.39885	-\$0.00174	\$0.61655

Commercial / Industrial B - Gas Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE / RD Rider / therm	IBR Adjust Factor	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(86)	Dec-13	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.00987	\$0.00000	\$0.07282	\$0.41183	-\$0.00174	\$0.62875
(87)											
(88)	Jan-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.00987	\$0.00000	\$0.05460	\$0.47594	-\$0.00174	\$0.67464
(89)	Feb-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.00987	\$0.00000	\$0.05566	\$0.55912	-\$0.00174	\$0.75888
(90)	Mar-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.05071	\$0.87194	-\$0.00174	\$1.06270
(91)	Apr-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.04993	\$0.58444	-\$0.00174	\$0.77442
(92)	May-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.04968	\$0.45802	-\$0.00174	\$0.64775
(93)	Jun-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.06624	\$0.47509	-\$0.00174	\$0.68138
(94)	Jul-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.06624	\$0.47912	-\$0.00174	\$0.68541
(95)	Aug-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.06624	\$0.39568	-\$0.00174	\$0.60197
(96)	Sep-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.06624	\$0.41241	\$0.04083	\$0.66127
(97)	Oct-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.06965	\$0.43480	\$0.04083	\$0.68707
(98)	Nov-14	\$18.00	\$0.00490	\$0.02525	\$0.15081	-\$0.01392	\$0.00000	\$0.09050	\$0.43991	\$0.04083	\$0.71303
(99)	Dec-14	\$21.00	\$0.00519	\$0.02508	\$0.14008	-\$0.01392	\$0.00000	\$0.07360	\$0.49148	\$0.04083	\$0.73726
(100)											
(101)	Jan-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	-\$0.01392	\$0.00000	\$0.06218	\$0.42198	\$0.04083	\$0.65858
(102)	Feb-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.07911	\$0.38562	\$0.04083	\$0.65307
(103)	Mar-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.06218	\$0.44036	\$0.04083	\$0.69088
(104)	Apr-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.09648	\$0.30646	\$0.04083	\$0.59128
(105)	May-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.10355	\$0.24666	\$0.04083	\$0.53855
(106)	Jun-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.08282	\$0.28942	\$0.04083	\$0.56058
(107)	Jul-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.08282	\$0.28077	\$0.04083	\$0.55193
(108)	Aug-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.08282	\$0.29164	\$0.04083	\$0.56280
(109)	Sep-15	\$21.00	\$0.00519	\$0.02732	\$0.14232	\$0.00000	\$0.00000	\$0.08282	\$0.28063	-\$0.00877	\$0.50219
(110)	Oct-15	\$21.00	\$0.00519	\$0.02833	\$0.14232	\$0.00000	\$0.00000	\$0.07791	\$0.27831	-\$0.00877	\$0.49496
(111)	Nov-15	\$21.00	\$0.00519	\$0.02833	\$0.14232	\$0.00000	\$0.00000	\$0.07591	\$0.28243	-\$0.00877	\$0.49708
(112)	Dec-15	\$21.00	\$0.00519	\$0.02833	\$0.14232	\$0.00000	\$0.00000	\$0.07588	\$0.29715	-\$0.00877	\$0.51177
(113)											
(114)	Jan-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.08518	\$0.29362	-\$0.00877	\$0.51892
(115)	Feb-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.07013	\$0.28608	-\$0.00877	\$0.49633
(116)	Mar-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.08947	\$0.28649	-\$0.00877	\$0.51608
(117)	Apr-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.10331	\$0.24701	-\$0.00877	\$0.49044
(118)	May-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.10328	\$0.19784	-\$0.00877	\$0.44124
(119)	Jun-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.08257	\$0.20116	-\$0.00877	\$0.42385
(120)	Jul-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.49436
(121)	Aug-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.00000	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.49436
(122)	Sep-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.02290	\$0.00000	\$0.08267	\$0.28716	\$0.00667	\$0.54829
(123)	Oct-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.02290	\$0.00000	\$0.10278	\$0.29890	\$0.00667	\$0.58014
(124)	Nov-16	\$21.00	\$0.00519	\$0.02971	\$0.14370	\$0.02290	\$0.00000	\$0.06010	\$0.29045	\$0.00667	\$0.52901
(125)	Dec-16	\$21.00	\$0.00462	\$0.02949	\$0.17761	\$0.02290	\$0.00000	\$0.06765	\$0.33747	\$0.00667	\$0.61692
(126)											
(127)	Jan-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02290	\$0.00000	\$0.07320	\$0.39158	\$0.00667	\$0.68190
(128)	Feb-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.07964	\$0.35473	\$0.00667	\$0.65166
(129)	Mar-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.10078	\$0.27793	\$0.00667	\$0.59600
(130)	Apr-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.10069	\$0.29496	\$0.00667	\$0.61294
(131)	May-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.10069	\$0.29496	\$0.00667	\$0.61294
(132)	Jun-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.08047	\$0.30480	\$0.00667	\$0.60256
(133)	Jul-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.08047	\$0.28570	\$0.00667	\$0.58346
(134)	Aug-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02307	\$0.00000	\$0.08047	\$0.28114	\$0.00667	\$0.57890
(135)	Sep-17	\$21.00	\$0.00462	\$0.03481	\$0.18293	\$0.02508	\$0.00000	\$0.08047	\$0.28206	\$0.01565	\$0.59081
(136)	Oct-17	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.09299	\$0.27544	\$0.01565	\$0.59671
(137)	Nov-17	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.06015	\$0.30003	\$0.01565	\$0.58846
(138)	Dec-17	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.06016	\$0.32308	\$0.01565	\$0.61152
(139)											
(140)	Jan-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.06855	\$0.35606	\$0.01565	\$0.65289
(141)	Feb-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.06012	\$0.47097	\$0.01565	\$0.75937
(142)	Mar-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.07267	\$0.31275	\$0.01565	\$0.61370
(143)	Apr-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.10005	\$0.24237	\$0.01565	\$0.57070
(144)	May-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.06755	\$0.24132	\$0.01565	\$0.53715
(145)	Jun-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.07996	\$0.25792	\$0.01565	\$0.56616
(146)	Jul-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.07996	\$0.27083	\$0.01565	\$0.57907
(147)	Aug-18	\$21.00	\$0.00462	\$0.03974	\$0.18293	\$0.02508	\$0.00000	\$0.07996	\$0.27399	\$0.01565	\$0.58223
(148)	Sep-18	\$21.00	\$0.00462	\$0.02862	\$0.17181	-\$0.01190	\$0.00000	\$0.07996	\$0.28022	\$0.03620	\$0.56091
(149)	Oct-18	\$21.00	\$0.00462	\$0.02862	\$0.17181	-\$0.01190	\$0.00000	\$0.09606	\$0.28937	\$0.03620	\$0.58616
(150)	Nov-18	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.06448	\$0.34556	\$0.03620	\$0.61404
(151)	Dec-18	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.06448	\$0.44871	\$0.03620	\$0.71719
(152)											
(153)	Jan-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.06448	\$0.40692	\$0.03620	\$0.67540
(154)	Feb-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.06448	\$0.35553	\$0.03620	\$0.62401
(155)	Mar-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.07586	\$0.30421	\$0.03620	\$0.58407
(156)	Apr-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.09201	\$0.26303	\$0.03620	\$0.55904
(157)	May-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.10903	\$0.22067	\$0.03620	\$0.53370
(158)	Jun-19	\$21.00	\$0.00441	\$0.02803	\$0.17529	-\$0.01190	\$0.00000	\$0.08722	\$0.23629	\$0.03620	\$0.52751

Commercial / Industrial C - Gas Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE/RD Rider / therm	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(1)	Jul-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.10791	\$0.65457	\$0.00969	\$0.90649
(2)	Aug-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.10791	\$0.56383	\$0.00969	\$0.81575
(3)	Sep-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.10801	\$0.53249	-\$0.00548	\$0.76934
(4)	Oct-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.10801	\$0.61615	-\$0.00548	\$0.85300
(5)	Nov-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.07719	\$0.74990	-\$0.00548	\$0.95593
(6)	Dec-07	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.07719	\$0.81507	-\$0.00548	\$1.02110
(7)										
(8)	Jan-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.07475	\$0.77349	-\$0.00548	\$0.97708
(9)	Feb-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.08961	\$0.83925	-\$0.00548	\$1.05770
(10)	Mar-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.09470	\$0.89677	-\$0.00548	\$1.12031
(11)	Apr-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.05940	\$0.88924	-\$0.00548	\$1.07748
(12)	May-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.05881	\$1.02052	-\$0.00548	\$1.20817
(13)	Jun-08	\$35.00	\$0.00482	\$0.00449	\$0.12950		\$0.07901	\$1.05175	-\$0.00548	\$1.25960
(14)	Jul-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07901	\$1.19503	-\$0.00548	\$1.40284
(15)	Aug-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07901	\$0.81732	-\$0.00548	\$1.02513
(16)	Sep-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07901	\$0.72915	\$0.00146	\$0.94390
(17)	Oct-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07329	\$0.59437	\$0.00146	\$0.80340
(18)	Nov-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07265	\$0.63933	\$0.00146	\$0.84772
(19)	Dec-08	\$35.00	\$0.00482	\$0.00449	\$0.12946		\$0.07204	\$0.71392	\$0.00146	\$0.92170
(20)										
(21)	Jan-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.07583	\$0.67605	\$0.00146	\$0.89178
(22)	Feb-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.05468	\$0.57092	\$0.00146	\$0.76550
(23)	Mar-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.04902	\$0.51098	\$0.00146	\$0.69990
(24)	Apr-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.04902	\$0.40289	\$0.00146	\$0.59181
(25)	May-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.07456	\$0.30456	\$0.00146	\$0.51902
(26)	Jun-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.06536	\$0.30541	\$0.00146	\$0.51067
(27)	Jul-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.06536	\$0.35093	\$0.00146	\$0.55619
(28)	Aug-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.06536	\$0.34682	\$0.00146	\$0.55208
(29)	Sep-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.06536	\$0.27993	-\$0.00872	\$0.47501
(30)	Oct-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.05868	\$0.40176	-\$0.00872	\$0.59016
(31)	Nov-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.07803	\$0.51434	-\$0.00872	\$0.72209
(32)	Dec-09	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.08403	\$0.51540	-\$0.00872	\$0.72915
(33)										
(34)	Jan-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.08828	\$0.61578	-\$0.00872	\$0.83378
(35)	Feb-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.07686	\$0.58864	-\$0.00872	\$0.79522
(36)	Mar-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.05670	\$0.51887	-\$0.00872	\$0.70529
(37)	Apr-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.05670	\$0.40447	-\$0.00872	\$0.59089
(38)	May-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.09450	\$0.40910	-\$0.00872	\$0.63332
(39)	Jun-10	\$43.00	\$0.00482	\$0.00644	\$0.13362		\$0.07560	\$0.41028	-\$0.00872	\$0.61560
(40)										
(41)										
(42)	Jul-10	\$43.00	\$0.00490	\$0.00644	\$0.13362	\$0.00000	\$0.07851	\$0.47577	-\$0.00872	\$0.68408
(43)	Aug-10	\$43.00	\$0.00490	\$0.00644	\$0.13362	\$0.00000	\$0.07844	\$0.45197	-\$0.00872	\$0.66021
(44)	Sep-10	\$43.00	\$0.00490	\$0.00644	\$0.13362	\$0.00000	\$0.07844	\$0.35712	\$0.02830	\$0.60238
(45)	Oct-10	\$43.00	\$0.00490	\$0.00644	\$0.14258	\$0.00000	\$0.07844	\$0.40453	\$0.02830	\$0.65875
(46)	Nov-10	\$43.00	\$0.00490	\$0.01540	\$0.14258	\$0.00000	\$0.07911	\$0.38083	\$0.02830	\$0.63572
(47)	Dec-10	\$43.00	\$0.00490	\$0.01540	\$0.14258	\$0.00000	\$0.08411	\$0.46914	\$0.02830	\$0.72903
(48)										
(49)	Jan-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	\$0.00000	\$0.08313	\$0.45851	\$0.02830	\$0.71742
(50)	Feb-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	\$0.00000	\$0.06903	\$0.47719	\$0.02830	\$0.72200
(51)	Mar-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.05845	\$0.42684	\$0.02830	\$0.65576
(52)	Apr-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.05839	\$0.45826	\$0.02830	\$0.68712
(53)	May-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.09461	\$0.44420	\$0.02830	\$0.70928
(54)	Jun-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.07759	\$0.44390	\$0.02830	\$0.69196
(55)	Jul-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.07758	\$0.43786	\$0.02830	\$0.68591
(56)	Aug-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.07758	\$0.44628	\$0.02830	\$0.69433
(57)	Sep-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.07758	\$0.40722	\$0.00082	\$0.62779
(58)	Oct-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00531	\$0.06786	\$0.39965	\$0.00082	\$0.61050
(59)	Nov-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00583	\$0.07524	\$0.40964	\$0.00082	\$0.62735
(60)	Dec-11	\$43.00	\$0.00490	\$0.01540	\$0.14258	-\$0.00583	\$0.08425	\$0.39961	\$0.00082	\$0.62633
(61)										
(62)	Jan-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.00583	\$0.08700	\$0.37468	\$0.00082	\$0.60500
(63)	Feb-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.00583	\$0.09248	\$0.34089	\$0.00082	\$0.57669
(64)	Mar-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.09638	\$0.33867	\$0.00082	\$0.57191
(65)	Apr-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.09354	\$0.23823	\$0.00082	\$0.46863
(66)	May-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.09350	\$0.20267	\$0.00082	\$0.43303
(67)	Jun-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07468	\$0.26721	\$0.00082	\$0.47875
(68)	Jul-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07468	\$0.28179	\$0.00082	\$0.49333
(69)	Aug-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07468	\$0.32179	\$0.00082	\$0.53333
(70)	Sep-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07468	\$0.27621	\$0.00771	\$0.49464
(71)	Oct-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.06631	\$0.31313	\$0.00771	\$0.52319
(72)	Nov-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07282	\$0.37145	\$0.00771	\$0.58802
(73)	Dec-12	\$43.00	\$0.00490	\$0.01625	\$0.14343	-\$0.01229	\$0.07312	\$0.39277	\$0.00771	\$0.60964
(74)										
(75)	Jan-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01229	\$0.07661	\$0.35846	\$0.00771	\$0.58327
(76)	Feb-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01229	\$0.08851	\$0.35698	\$0.00771	\$0.59369
(77)	Mar-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.09370	\$0.36412	\$0.00771	\$0.60508
(78)	Apr-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.06117	\$0.40909	\$0.00771	\$0.61752
(79)	May-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.05609	\$0.43017	\$0.00771	\$0.63352
(80)	Jun-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.07483	\$0.43017	\$0.00771	\$0.65226
(81)	Jul-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.07483	\$0.38208	\$0.00771	\$0.60417
(82)	Aug-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.07483	\$0.35753	\$0.00771	\$0.57962
(83)	Sep-13	\$43.00	\$0.00490	\$0.02070	\$0.14788	-\$0.01323	\$0.07483	\$0.37236	\$0.00177	\$0.58851
(84)	Oct-13	\$43.00	\$0.00490	\$0.03292	\$0.14788	-\$0.01323	\$0.07483	\$0.37628	\$0.00177	\$0.59243
(85)	Nov-13	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.01323	\$0.07360	\$0.39885	\$0.00177	\$0.60610

Commercial / Industrial C - Gas Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	CE/RD Rider / therm	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+I+J+K)
(86)	Dec-13	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.01323	\$0.07282	\$0.41183	\$0.00177	\$0.61830
(87)										
(88)	Jan-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.01323	\$0.05460	\$0.47594	\$0.00177	\$0.66419
(89)	Feb-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.01323	\$0.05566	\$0.55912	\$0.00177	\$0.74843
(90)	Mar-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.05071	\$0.87194	\$0.00177	\$1.06385
(91)	Apr-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.04993	\$0.58444	\$0.00177	\$0.77557
(92)	May-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.04968	\$0.45802	\$0.00177	\$0.64890
(93)	Jun-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.06624	\$0.47509	\$0.00177	\$0.68253
(94)	Jul-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.06624	\$0.47912	\$0.00177	\$0.68656
(95)	Aug-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.06624	\$0.39568	\$0.00177	\$0.60312
(96)	Sep-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.06624	\$0.41241	\$0.04083	\$0.65891
(97)	Oct-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.06965	\$0.43480	\$0.04083	\$0.68471
(98)	Nov-14	\$43.00	\$0.00490	\$0.02525	\$0.14021	-\$0.00568	\$0.09050	\$0.43991	\$0.04083	\$0.71067
(99)	Dec-14	\$43.00	\$0.00519	\$0.02508	\$0.14628	-\$0.00568	\$0.07360	\$0.49148	\$0.04083	\$0.75170
(100)										
(101)	Jan-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.06218	\$0.42198	\$0.04083	\$0.67870
(102)	Feb-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.07911	\$0.38562	\$0.04083	\$0.65927
(103)	Mar-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.06218	\$0.44036	\$0.04083	\$0.69708
(104)	Apr-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.09648	\$0.30646	\$0.04083	\$0.59748
(105)	May-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.10355	\$0.24666	\$0.04083	\$0.54475
(106)	Jun-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.08282	\$0.28942	\$0.04083	\$0.56678
(107)	Jul-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.08282	\$0.28077	\$0.04083	\$0.55813
(108)	Aug-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.08282	\$0.29164	\$0.04083	\$0.56900
(109)	Sep-15	\$43.00	\$0.00519	\$0.02732	\$0.14852	\$0.00000	\$0.08282	\$0.28063	-\$0.00877	\$0.50839
(110)	Oct-15	\$43.00	\$0.00519	\$0.02833	\$0.14852	\$0.00000	\$0.07791	\$0.27831	-\$0.00877	\$0.50116
(111)	Nov-15	\$43.00	\$0.00519	\$0.02833	\$0.14852	\$0.00000	\$0.07591	\$0.28243	-\$0.00877	\$0.50328
(112)	Dec-15	\$43.00	\$0.00519	\$0.02833	\$0.14852	\$0.00000	\$0.07588	\$0.29715	-\$0.00877	\$0.51797
(113)										
(114)	Jan-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.08518	\$0.29362	-\$0.00877	\$0.52512
(115)	Feb-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.07013	\$0.28608	-\$0.00877	\$0.50253
(116)	Mar-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.08947	\$0.28649	-\$0.00877	\$0.52228
(117)	Apr-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.10331	\$0.24701	-\$0.00877	\$0.49664
(118)	May-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.10328	\$0.19784	-\$0.00877	\$0.44744
(119)	Jun-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.08257	\$0.20116	-\$0.00877	\$0.43005
(120)	Jul-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.50056
(121)	Aug-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.00000	\$0.08257	\$0.27167	-\$0.00877	\$0.50056
(122)	Sep-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.01106	\$0.08267	\$0.28716	\$0.00667	\$0.54265
(123)	Oct-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.01106	\$0.10278	\$0.29890	\$0.00667	\$0.57450
(124)	Nov-16	\$43.00	\$0.00519	\$0.02971	\$0.14990	\$0.01106	\$0.06010	\$0.29045	\$0.00667	\$0.52337
(125)	Dec-16	\$43.00	\$0.00462	\$0.02949	\$0.16450	\$0.01106	\$0.06765	\$0.33747	\$0.00667	\$0.59197
(126)										
(127)	Jan-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01106	\$0.07320	\$0.39158	\$0.00667	\$0.65695
(128)	Feb-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.07964	\$0.35473	\$0.00667	\$0.62802
(129)	Mar-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.10078	\$0.27793	\$0.00667	\$0.57236
(130)	Apr-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.10069	\$0.29496	\$0.00667	\$0.58930
(131)	May-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.10069	\$0.29496	\$0.00667	\$0.58930
(132)	Jun-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.08047	\$0.30480	\$0.00667	\$0.57892
(133)	Jul-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.08047	\$0.28570	\$0.00667	\$0.55982
(134)	Aug-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.01254	\$0.08047	\$0.28114	\$0.00667	\$0.55526
(135)	Sep-17	\$43.00	\$0.00462	\$0.03481	\$0.16982	\$0.00284	\$0.08047	\$0.28206	\$0.01565	\$0.55546
(136)	Oct-17	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.09299	\$0.27544	\$0.01565	\$0.56136
(137)	Nov-17	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.06015	\$0.30003	\$0.01565	\$0.55311
(138)	Dec-17	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.06016	\$0.32308	\$0.01565	\$0.57617
(139)										
(140)	Jan-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.06855	\$0.35606	\$0.01565	\$0.61754
(141)	Feb-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.06012	\$0.47097	\$0.01565	\$0.72402
(142)	Mar-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.07267	\$0.31275	\$0.01565	\$0.57835
(143)	Apr-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.10005	\$0.24237	\$0.01565	\$0.53535
(144)	May-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.06755	\$0.24132	\$0.01565	\$0.50180
(145)	Jun-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.07996	\$0.25792	\$0.01565	\$0.53081
(146)	Jul-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.07996	\$0.27083	\$0.01565	\$0.54372
(147)	Aug-18	\$43.00	\$0.00462	\$0.03974	\$0.16982	\$0.00284	\$0.07996	\$0.27399	\$0.01565	\$0.54688
(148)	Sep-18	\$43.00	\$0.00462	\$0.02862	\$0.15870	-\$0.01152	\$0.07996	\$0.28022	\$0.03620	\$0.54818
(149)	Oct-18	\$43.00	\$0.00462	\$0.02862	\$0.15870	-\$0.01152	\$0.09606	\$0.28937	\$0.03620	\$0.57343
(150)	Nov-18	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.06448	\$0.34556	\$0.03620	\$0.59708
(151)	Dec-18	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.06448	\$0.44871	\$0.03620	\$0.70023
(152)										
(153)	Jan-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.06448	\$0.40692	\$0.03620	\$0.65844
(154)	Feb-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.06448	\$0.35553	\$0.03620	\$0.60705
(155)	Mar-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.07586	\$0.30421	\$0.03620	\$0.56711
(156)	Apr-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.09201	\$0.26303	\$0.03620	\$0.54208
(157)	May-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.07586	\$0.30421	\$0.03620	\$0.56711
(158)	Jun-19	\$47.50	\$0.00441	\$0.02803	\$0.15795	-\$0.01152	\$0.08722	\$0.23629	\$0.03620	\$0.51055

SVDF A - System + Transport

(A)	(B)	Basic Charge (C)	GAP / therm (D)	CIP / therm (E)	Delivery Charge / therm inc CIP (F)	RD Rider / therm (G)	Demand Cost / therm (H)	Comdity Cost / therm (J)	GCR True-Up Cost / therm (K)	Total Effective Rate (L) (D+F+G+H+I+J+K)
(1)	Jul-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.65457	\$0.01612	\$0.76331
(2)	Aug-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.56383	\$0.01612	\$0.67257
(3)	Sep-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.53249	\$0.01590	\$0.64101
(4)	Oct-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.61615	\$0.01590	\$0.72467
(5)	Nov-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.74990	\$0.01590	\$0.85842
(6)	Dec-07	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.81507	\$0.01590	\$0.92359
(7)										
(8)	Jan-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.77349	\$0.01590	\$0.88201
(9)	Feb-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.83925	\$0.01590	\$0.94777
(10)	Mar-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.89677	\$0.01590	\$1.00529
(11)	Apr-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$0.88924	\$0.01590	\$0.99776
(12)	May-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$1.02052	\$0.01590	\$1.12904
(13)	Jun-08	\$50.00	\$0.00000	\$0.00449	\$0.09262		\$0.00000	\$1.05175	\$0.01590	\$1.16027
(14)	Jul-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$1.19503	\$0.01590	\$1.30353
(15)	Aug-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$0.81732	\$0.01208	\$0.92582
(16)	Sep-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$0.72915	\$0.01208	\$0.83383
(17)	Oct-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$0.59437	\$0.01208	\$0.69905
(18)	Nov-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$0.63933	\$0.01208	\$0.74401
(19)	Dec-08	\$50.00	\$0.00000	\$0.00449	\$0.09260		\$0.00000	\$0.71392	\$0.01208	\$0.81860
(20)										
(21)	Jan-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.67605	\$0.01208	\$0.78073
(22)	Feb-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.57092	\$0.01208	\$0.67560
(23)	Mar-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.51098	\$0.01208	\$0.61566
(24)	Apr-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.40289	\$0.01208	\$0.50757
(25)	May-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.30456	\$0.01208	\$0.40924
(26)	Jun-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.30541	\$0.01208	\$0.41009
(27)	Jul-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.35093	\$0.01208	\$0.45561
(28)	Aug-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.34682	\$0.01208	\$0.45150
(29)	Sep-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.27993	-\$0.00253	\$0.37000
(30)	Oct-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.40176	-\$0.00253	\$0.49183
(31)	Nov-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.51434	-\$0.00253	\$0.60441
(32)	Dec-09	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.51540	-\$0.00253	\$0.60547
(33)										
(34)	Jan-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.61578	-\$0.00253	\$0.70585
(35)	Feb-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.58864	-\$0.00253	\$0.67871
(36)	Mar-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.51887	-\$0.00253	\$0.60894
(37)	Apr-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.40447	-\$0.00253	\$0.49454
(38)	May-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.40910	-\$0.00253	\$0.49917
(39)	Jun-10	\$50.00	\$0.00000	\$0.00644	\$0.09260		\$0.00000	\$0.41028	-\$0.00253	\$0.50035
(40)										
(41)										
(42)	Jul-10	\$60.00	\$0.00000	\$0.00644	\$0.09941	\$0.00000	\$0.00000	\$0.47577	-\$0.00253	\$0.57265
(43)	Aug-10	\$60.00	\$0.00000	\$0.00644	\$0.09941	\$0.00000	\$0.00000	\$0.45197	-\$0.00253	\$0.54885
(44)	Sep-10	\$60.00	\$0.00000	\$0.00644	\$0.09941	\$0.00000	\$0.00000	\$0.35712	\$0.01949	\$0.47602
(45)	Oct-10	\$60.00	\$0.00000	\$0.00644	\$0.09941	\$0.00000	\$0.00000	\$0.40453	\$0.01949	\$0.52343
(46)	Nov-10	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.38083	\$0.01949	\$0.50869
(47)	Dec-10	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.46914	\$0.01949	\$0.59700
(48)										
(49)	Jan-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.45851	\$0.01949	\$0.58637
(50)	Feb-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.47719	\$0.01949	\$0.60505
(51)	Mar-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.42684	\$0.01949	\$0.55470
(52)	Apr-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.45826	\$0.01949	\$0.58612
(53)	May-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.44420	\$0.01949	\$0.57206
(54)	Jun-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.44390	\$0.01949	\$0.57176
(55)	Jul-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.43786	\$0.01949	\$0.56572
(56)	Aug-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.44628	\$0.01949	\$0.57414
(57)	Sep-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.40722	\$0.00381	\$0.51940
(58)	Oct-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.39965	\$0.00381	\$0.51183
(59)	Nov-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.40964	\$0.00381	\$0.52182
(60)	Dec-11	\$60.00	\$0.00000	\$0.01540	\$0.10837	\$0.00000	\$0.00000	\$0.39961	\$0.00381	\$0.51179
(61)										
(62)	Jan-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.37468	\$0.00381	\$0.48771
(63)	Feb-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.34089	\$0.00381	\$0.45392
(64)	Mar-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.33867	\$0.00381	\$0.45170
(65)	Apr-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.23823	\$0.00381	\$0.35126
(66)	May-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.20267	\$0.00381	\$0.31570
(67)	Jun-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.26721	\$0.00381	\$0.38024
(68)	Jul-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.28179	\$0.00381	\$0.39482
(69)	Aug-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.32179	\$0.00381	\$0.43482
(70)	Sep-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.27621	\$0.01919	\$0.40462
(71)	Oct-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.31313	\$0.01919	\$0.44154
(72)	Nov-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.38789	\$0.01919	\$0.51630
(73)	Dec-12	\$60.00	\$0.00000	\$0.01625	\$0.10922	\$0.00000	\$0.00000	\$0.40921	\$0.01919	\$0.53762
(74)										
(75)	Jan-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.37490	\$0.01919	\$0.50776
(76)	Feb-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.37342	\$0.01919	\$0.50628
(77)	Mar-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.38056	\$0.01919	\$0.51342
(78)	Apr-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.40909	\$0.01919	\$0.54195
(79)	May-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.43017	\$0.01919	\$0.56303
(80)	Jun-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.42815	\$0.01919	\$0.56101
(81)	Jul-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.38208	\$0.01919	\$0.51494
(82)	Aug-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.35753	\$0.01919	\$0.49039
(83)	Sep-13	\$60.00	\$0.00000	\$0.02070	\$0.11367	\$0.00000	\$0.00000	\$0.37236	\$0.01376	\$0.49979
(84)	Oct-13	\$60.00	\$0.00000	\$0.03292	\$0.11367	\$0.00000	\$0.00000	\$0.37628	\$0.01376	\$0.50371
(85)	Nov-13	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.41584	\$0.01376	\$0.53560

SVDF A - System + Transport

(A)	(B)	Basic Charge (C)	GAP / therm (D)	CIP / therm (E)	Delivery Charge / therm inc CIP (F)	RD Rider / therm (G)	Demand Cost / therm (H)	Comdity Cost / therm (J)	GCR True-Up Cost / therm (K)	Total Effective Rate (L)
(86)	Dec-13	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.42882	\$0.01376	(D+F+G+H+I+J+K) \$0.54858
(87)										
(88)	Jan-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.49293	\$0.01376	\$0.61269
(89)	Feb-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.57611	\$0.01376	\$0.69587
(90)	Mar-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.88893	\$0.01376	\$1.00869
(91)	Apr-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.58444	\$0.01376	\$0.70420
(92)	May-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.45802	\$0.01376	\$0.57778
(93)	Jun-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.47509	\$0.01376	\$0.59485
(94)	Jul-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.47912	\$0.01376	\$0.59888
(95)	Aug-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.39568	\$0.01376	\$0.51544
(96)	Sep-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.41241	\$0.03155	\$0.54996
(97)	Oct-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.43480	\$0.03155	\$0.57235
(98)	Nov-14	\$60.00	\$0.00000	\$0.02525	\$0.10600	\$0.00000	\$0.00000	\$0.45767	\$0.03155	\$0.59522
(99)	Dec-14	\$50.00	\$0.00000	\$0.02508	\$0.12068	\$0.00000	\$0.00000	\$0.50924	\$0.03155	\$0.66147
(100)										
(101)	Jan-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.43974	\$0.03155	\$0.59421
(102)	Feb-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.40338	\$0.03155	\$0.55785
(103)	Mar-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.45812	\$0.03155	\$0.61259
(104)	Apr-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.30646	\$0.03155	\$0.46093
(105)	May-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.24666	\$0.03155	\$0.40113
(106)	Jun-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.28942	\$0.03155	\$0.44389
(107)	Jul-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.28077	\$0.03155	\$0.43524
(108)	Aug-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.29164	\$0.03155	\$0.44611
(109)	Sep-15	\$50.00	\$0.00000	\$0.02732	\$0.12292	\$0.00000	\$0.00000	\$0.28063	\$0.00598	\$0.40953
(110)	Oct-15	\$50.00	\$0.00000	\$0.02833	\$0.12292	\$0.00000	\$0.00000	\$0.27831	\$0.00598	\$0.40721
(111)	Nov-15	\$50.00	\$0.00000	\$0.02833	\$0.12292	\$0.00000	\$0.00000	\$0.29961	\$0.00598	\$0.42851
(112)	Dec-15	\$50.00	\$0.00000	\$0.02833	\$0.12292	\$0.00000	\$0.00000	\$0.31433	\$0.00598	\$0.44323
(113)										
(114)	Jan-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.31080	\$0.00598	\$0.44108
(115)	Feb-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.30326	\$0.00598	\$0.43354
(116)	Mar-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.30367	\$0.00598	\$0.43395
(117)	Apr-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.24701	\$0.00598	\$0.37729
(118)	May-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.19784	\$0.00598	\$0.32812
(119)	Jun-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.20116	\$0.00598	\$0.33144
(120)	Jul-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.27167	\$0.00598	\$0.40195
(121)	Aug-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.00000	\$0.00000	\$0.27167	\$0.00598	\$0.40195
(122)	Sep-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.01316	\$0.00000	\$0.28716	\$0.00901	\$0.43363
(123)	Oct-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.01316	\$0.00000	\$0.29890	\$0.00901	\$0.44537
(124)	Nov-16	\$50.00	\$0.00000	\$0.02971	\$0.12430	\$0.01316	\$0.00000	\$0.30734	\$0.00901	\$0.45381
(125)	Dec-16	\$50.00	\$0.00000	\$0.02949	\$0.13476	\$0.01316	\$0.00000	\$0.35436	\$0.00901	\$0.51129
(126)										
(127)	Jan-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01316	\$0.00000	\$0.40847	\$0.00901	\$0.57072
(128)	Feb-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.37162	\$0.00901	\$0.53088
(129)	Mar-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.29482	\$0.00901	\$0.45408
(130)	Apr-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.29496	\$0.00901	\$0.45422
(131)	May-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.29496	\$0.00901	\$0.45422
(132)	Jun-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.30480	\$0.00901	\$0.46406
(133)	Jul-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.28570	\$0.00901	\$0.44496
(134)	Aug-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01017	\$0.00000	\$0.28114	\$0.00901	\$0.44040
(135)	Sep-17	\$50.00	\$0.00000	\$0.03481	\$0.14008	\$0.01382	\$0.00000	\$0.28206	\$0.01509	\$0.45105
(136)	Oct-17	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.27544	\$0.01509	\$0.44443
(137)	Nov-17	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.31791	\$0.01509	\$0.48690
(138)	Dec-17	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.34096	\$0.01509	\$0.50995
(139)										
(140)	Jan-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.37394	\$0.01509	\$0.54293
(141)	Feb-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.48885	\$0.01509	\$0.65784
(142)	Mar-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.33063	\$0.01509	\$0.49962
(143)	Apr-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.24237	\$0.01509	\$0.41136
(144)	May-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.24132	\$0.01509	\$0.41031
(145)	Jun-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.25792	\$0.01509	\$0.42691
(146)	Jul-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.27083	\$0.01509	\$0.43982
(147)	Aug-18	\$50.00	\$0.00000	\$0.03974	\$0.14008	\$0.01382	\$0.00000	\$0.27399	\$0.01509	\$0.44298
(148)	Sep-18	\$50.00	\$0.00000	\$0.02862	\$0.12896	-\$0.00068	\$0.00000	\$0.28022	\$0.02161	\$0.43011
(149)	Oct-18	\$50.00	\$0.00000	\$0.02862	\$0.12896	-\$0.00068	\$0.00000	\$0.28937	\$0.02161	\$0.43926
(150)	Nov-18	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.36274	\$0.02161	\$0.51229
(151)	Dec-18	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.46589	\$0.02161	\$0.61544
(152)										
(153)	Jan-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.42410	\$0.02161	\$0.57365
(154)	Feb-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.37270	\$0.02161	\$0.52225
(155)	Mar-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.32139	\$0.02161	\$0.47094
(156)	Apr-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.26303	\$0.02161	\$0.41258
(157)	May-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.32139	\$0.02161	\$0.47094
(158)	Jun-19	\$55.50	\$0.00000	\$0.02803	\$0.12862	-\$0.00068	\$0.00000	\$0.23629	\$0.02161	\$0.38584

SVDF B - System + Transport

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)
		Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	RD Rider / therm	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate (D+F+G+H+J+K)
(1)	Jul-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.65457	\$0.01612	\$0.75703
(2)	Aug-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.56383	\$0.01612	\$0.66629
(3)	Sep-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.53249	\$0.01590	\$0.63473
(4)	Oct-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.61615	\$0.01590	\$0.71839
(5)	Nov-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.74990	\$0.01590	\$0.85214
(6)	Dec-07	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.81507	\$0.01590	\$0.91731
(7)										
(8)	Jan-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.77349	\$0.01590	\$0.87573
(9)	Feb-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.83925	\$0.01590	\$0.94149
(10)	Mar-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.89677	\$0.01590	\$0.99901
(11)	Apr-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$0.88924	\$0.01590	\$0.99148
(12)	May-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$1.02052	\$0.01590	\$1.12276
(13)	Jun-08	\$75.00	\$0.00000	\$0.00449	\$0.08634		\$0.00000	\$1.05175	\$0.01590	\$1.15399
(14)	Jul-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$1.19503	\$0.01590	\$1.29726
(15)	Aug-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$0.81732	\$0.01590	\$0.91955
(16)	Sep-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$0.72915	\$0.01208	\$0.82756
(17)	Oct-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$0.59437	\$0.01208	\$0.69278
(18)	Nov-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$0.63933	\$0.01208	\$0.73774
(19)	Dec-08	\$75.00	\$0.00000	\$0.00449	\$0.08633		\$0.00000	\$0.71392	\$0.01208	\$0.81233
(20)										
(21)	Jan-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.67605	\$0.01208	\$0.77446
(22)	Feb-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.57092	\$0.01208	\$0.66933
(23)	Mar-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.51098	\$0.01208	\$0.60939
(24)	Apr-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.40289	\$0.01208	\$0.50130
(25)	May-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.30456	\$0.01208	\$0.40297
(26)	Jun-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.30541	\$0.01208	\$0.40382
(27)	Jul-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.35093	\$0.01208	\$0.44934
(28)	Aug-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.34682	\$0.01208	\$0.44523
(29)	Sep-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.27993	-\$0.00253	\$0.36373
(30)	Oct-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.40176	-\$0.00253	\$0.48556
(31)	Nov-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.51434	-\$0.00253	\$0.59814
(32)	Dec-09	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.51540	-\$0.00253	\$0.59920
(33)										
(34)	Jan-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.61578	-\$0.00253	\$0.69958
(35)	Feb-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.58864	-\$0.00253	\$0.67244
(36)	Mar-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.51887	-\$0.00253	\$0.60267
(37)	Apr-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.40447	-\$0.00253	\$0.48827
(38)	May-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.40910	-\$0.00253	\$0.49290
(39)	Jun-10	\$75.00	\$0.00000	\$0.00644	\$0.08633		\$0.00000	\$0.41028	-\$0.00253	\$0.49408
(40)										
(41)										
(42)	Jul-10	\$90.00	\$0.00000	\$0.00644	\$0.09420	\$0.00000	\$0.00000	\$0.47577	-\$0.00253	\$0.56744
(43)	Aug-10	\$90.00	\$0.00000	\$0.00644	\$0.09420	\$0.00000	\$0.00000	\$0.45197	-\$0.00253	\$0.54364
(44)	Sep-10	\$90.00	\$0.00000	\$0.00644	\$0.09420	\$0.00000	\$0.00000	\$0.35712	\$0.01949	\$0.47081
(45)	Oct-10	\$90.00	\$0.00000	\$0.00644	\$0.09420	\$0.00000	\$0.00000	\$0.40453	\$0.01949	\$0.51822
(46)	Nov-10	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.38083	\$0.01949	\$0.50348
(47)	Dec-10	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.46914	\$0.01949	\$0.59179
(48)										
(49)	Jan-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.45851	\$0.01949	\$0.58116
(50)	Feb-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.47719	\$0.01949	\$0.59984
(51)	Mar-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.42684	\$0.01949	\$0.54949
(52)	Apr-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.45826	\$0.01949	\$0.58091
(53)	May-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.44420	\$0.01949	\$0.56685
(54)	Jun-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.44390	\$0.01949	\$0.56655
(55)	Jul-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.43786	\$0.01949	\$0.56051
(56)	Aug-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.44628	\$0.01949	\$0.56893
(57)	Sep-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.40722	\$0.00381	\$0.51419
(58)	Oct-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.39965	\$0.00381	\$0.50662
(59)	Nov-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.40964	\$0.00381	\$0.51661
(60)	Dec-11	\$90.00	\$0.00000	\$0.01540	\$0.10316	\$0.00000	\$0.00000	\$0.39961	\$0.00381	\$0.50658
(61)										
(62)	Jan-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.37468	\$0.00381	\$0.48250
(63)	Feb-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.34089	\$0.00381	\$0.44871
(64)	Mar-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.33867	\$0.00381	\$0.44649
(65)	Apr-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.23823	\$0.00381	\$0.34605
(66)	May-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.20267	\$0.00381	\$0.31049
(67)	Jun-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.26721	\$0.00381	\$0.37503
(68)	Jul-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.28179	\$0.00381	\$0.38961
(69)	Aug-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.32179	\$0.00381	\$0.42961
(70)	Sep-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.27621	\$0.01919	\$0.39941
(71)	Oct-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.31313	\$0.01919	\$0.43633
(72)	Nov-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.38789	\$0.01919	\$0.51109
(73)	Dec-12	\$90.00	\$0.00000	\$0.01625	\$0.10401	\$0.00000	\$0.00000	\$0.40921	\$0.01919	\$0.53241
(74)										
(75)	Jan-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.37490	\$0.01919	\$0.50255
(76)	Feb-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.37342	\$0.01919	\$0.50107
(77)	Mar-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.38056	\$0.01919	\$0.50821
(78)	Apr-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.40909	\$0.01919	\$0.53674
(79)	May-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.43017	\$0.01919	\$0.55782
(80)	Jun-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.42815	\$0.01919	\$0.55580
(81)	Jul-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.38208	\$0.01919	\$0.50973
(82)	Aug-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.35753	\$0.01919	\$0.48518
(83)	Sep-13	\$90.00	\$0.00000	\$0.02070	\$0.10846	\$0.00000	\$0.00000	\$0.37236	\$0.01376	\$0.49458
(84)	Oct-13	\$90.00	\$0.00000	\$0.03292	\$0.10846	\$0.00000	\$0.00000	\$0.37628	\$0.01376	\$0.49850
(85)	Nov-13	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.41584	\$0.01376	\$0.53039

SVDF B - System + Transport

(A)	(B)	(C) Basic Charge	(D) GAP / therm	(E) CIP / therm	(F) Delivery Charge / therm inc CIP	(G) RD Rider / therm	(H) Demand Cost / therm	(J) Comdity Cost / therm	(K) GCR True-Up Cost / therm	(L) Total Effective Rate (D+F+G+H+J+K)
(86)	Dec-13	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.42882	\$0.01376	\$0.54337
(87)										
(88)	Jan-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.49293	\$0.01376	\$0.60748
(89)	Feb-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.57611	\$0.01376	\$0.69066
(90)	Mar-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.88893	\$0.01376	\$1.00348
(91)	Apr-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.58444	\$0.01376	\$0.69899
(92)	May-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.45802	\$0.01376	\$0.57257
(93)	Jun-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.47509	\$0.01376	\$0.58964
(94)	Jul-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.47912	\$0.01376	\$0.59367
(95)	Aug-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.39568	\$0.01376	\$0.51023
(96)	Sep-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.41241	\$0.03155	\$0.54475
(97)	Oct-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.43480	\$0.03155	\$0.56714
(98)	Nov-14	\$90.00	\$0.00000	\$0.02525	\$0.10079	\$0.00000	\$0.00000	\$0.45767	\$0.03155	\$0.59001
(99)	Dec-14	\$80.00	\$0.00000	\$0.02508	\$0.11356	\$0.00000	\$0.00000	\$0.50924	\$0.03155	\$0.65435
(100)										
(101)	Jan-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.43974	\$0.03155	\$0.58709
(102)	Feb-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.40338	\$0.03155	\$0.55073
(103)	Mar-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.45812	\$0.03155	\$0.60547
(104)	Apr-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.30646	\$0.03155	\$0.45381
(105)	May-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.24666	\$0.03155	\$0.39401
(106)	Jun-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.28942	\$0.03155	\$0.43677
(107)	Jul-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.28077	\$0.03155	\$0.42812
(108)	Aug-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.29164	\$0.03155	\$0.43899
(109)	Sep-15	\$80.00	\$0.00000	\$0.02732	\$0.11580	\$0.00000	\$0.00000	\$0.28063	\$0.00598	\$0.40241
(110)	Oct-15	\$80.00	\$0.00000	\$0.02833	\$0.11580	\$0.00000	\$0.00000	\$0.27831	\$0.00598	\$0.40009
(111)	Nov-15	\$80.00	\$0.00000	\$0.02833	\$0.11580	\$0.00000	\$0.00000	\$0.29961	\$0.00598	\$0.42139
(112)	Dec-15	\$80.00	\$0.00000	\$0.02833	\$0.11580	\$0.00000	\$0.00000	\$0.31433	\$0.00598	\$0.43611
(113)										
(114)	Jan-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.31080	\$0.00598	\$0.43396
(115)	Feb-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.30326	\$0.00598	\$0.42642
(116)	Mar-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.30367	\$0.00598	\$0.42683
(117)	Apr-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.24701	\$0.00598	\$0.37017
(118)	May-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.19784	\$0.00598	\$0.32100
(119)	Jun-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.20116	\$0.00598	\$0.32432
(120)	Jul-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.27167	\$0.00598	\$0.39483
(121)	Aug-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.00000	\$0.00000	\$0.27167	\$0.00598	\$0.39483
(122)	Sep-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.01184	\$0.00000	\$0.28716	\$0.00901	\$0.42519
(123)	Oct-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.01184	\$0.00000	\$0.29890	\$0.00901	\$0.43693
(124)	Nov-16	\$80.00	\$0.00000	\$0.02971	\$0.11718	\$0.01184	\$0.00000	\$0.30734	\$0.00901	\$0.44537
(125)	Dec-16	\$80.00	\$0.00000	\$0.02949	\$0.12474	\$0.01184	\$0.00000	\$0.35436	\$0.00901	\$0.49995
(126)										
(127)	Jan-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.01184	\$0.00000	\$0.40847	\$0.00901	\$0.55938
(128)	Feb-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.37162	\$0.00901	\$0.51896
(129)	Mar-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.29482	\$0.00901	\$0.44216
(130)	Apr-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.29496	\$0.00901	\$0.44230
(131)	May-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.29496	\$0.00901	\$0.44230
(132)	Jun-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.30480	\$0.00901	\$0.45214
(133)	Jul-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.28570	\$0.00901	\$0.43304
(134)	Aug-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00827	\$0.00000	\$0.28114	\$0.00901	\$0.42848
(135)	Sep-17	\$80.00	\$0.00000	\$0.03481	\$0.13006	\$0.00990	\$0.00000	\$0.28206	\$0.01509	\$0.43711
(136)	Oct-17	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.27544	\$0.01509	\$0.43049
(137)	Nov-17	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.31791	\$0.01509	\$0.47296
(138)	Dec-17	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.34096	\$0.01509	\$0.49601
(139)										
(140)	Jan-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.37394	\$0.01509	\$0.52899
(141)	Feb-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.48885	\$0.01509	\$0.64390
(142)	Mar-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.33063	\$0.01509	\$0.48568
(143)	Apr-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.24237	\$0.01509	\$0.39742
(144)	May-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.24132	\$0.01509	\$0.39637
(145)	Jun-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.25792	\$0.01509	\$0.41297
(146)	Jul-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.27083	\$0.01509	\$0.42588
(147)	Aug-18	\$80.00	\$0.00000	\$0.03974	\$0.13006	\$0.00990	\$0.00000	\$0.27399	\$0.01509	\$0.42904
(148)	Sep-18	\$80.00	\$0.00000	\$0.02862	\$0.11894	\$0.00039	\$0.00000	\$0.28022	\$0.02161	\$0.42116
(149)	Oct-18	\$80.00	\$0.00000	\$0.02862	\$0.11894	\$0.00039	\$0.00000	\$0.28937	\$0.02161	\$0.43031
(150)	Nov-18	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.36274	\$0.02161	\$0.50412
(151)	Dec-18	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.46589	\$0.02161	\$0.60727
(152)										
(153)	Jan-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.42410	\$0.02161	\$0.56548
(154)	Feb-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.37270	\$0.02161	\$0.51408
(155)	Mar-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.32139	\$0.02161	\$0.46277
(156)	Apr-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.26303	\$0.02161	\$0.40441
(157)	May-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.32139	\$0.02161	\$0.46277
(158)	Jun-19	\$88.50	\$0.00000	\$0.02803	\$0.11938	\$0.00039	\$0.00000	\$0.23629	\$0.02161	\$0.37767

Large Volume										
(A)	(B)	Basic Charge / therm (C)	GAP / therm (D)	CIP / therm (E)	Delivery Charge / therm inc CIP (F)	RD Rider / therm (G)	Demand Cost / therm (H)	Comdity Cost / therm (J)	GCR True-Up Cost / therm (K)	Total Effective Rate (L) (D+F+G+H+I+J+K)
(1)	Jul-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.65457	\$0.01805	\$0.71532
(2)	Aug-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.56383	\$0.01805	\$0.62458
(3)	Sep-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.53249	\$0.01894	\$0.59413
(4)	Oct-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.61615	\$0.01894	\$0.67779
(5)	Nov-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.74990	\$0.01894	\$0.81154
(6)	Dec-07	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.81507	\$0.01894	\$0.87671
(7)										
(8)	Jan-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.77349	\$0.01894	\$0.83513
(9)	Feb-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.83925	\$0.01894	\$0.90089
(10)	Mar-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.89677	\$0.01894	\$0.95841
(11)	Apr-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.88924	\$0.01894	\$0.95088
(12)	May-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$1.02052	\$0.01894	\$1.08216
(13)	Jun-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$1.05175	\$0.01894	\$1.11339
(14)	Jul-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$1.19503	\$0.01894	\$1.25667
(15)	Aug-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.81732	\$0.01894	\$0.87896
(16)	Sep-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.72915	\$0.01144	\$0.78329
(17)	Oct-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.59437	\$0.01144	\$0.64851
(18)	Nov-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.63933	\$0.01144	\$0.69347
(19)	Dec-08	\$400.00	\$0.00000	\$0.00449	\$0.04270		\$0.00000	\$0.71392	\$0.01144	\$0.76806
(20)										
(21)	Jan-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.67605	\$0.01144	\$0.73019
(22)	Feb-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.57092	\$0.01144	\$0.62506
(23)	Mar-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.51098	\$0.01144	\$0.56512
(24)	Apr-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.40289	\$0.01144	\$0.45703
(25)	May-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.30456	\$0.01144	\$0.35870
(26)	Jun-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.30541	\$0.01144	\$0.35955
(27)	Jul-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.35093	\$0.01144	\$0.40507
(28)	Aug-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.34682	\$0.01144	\$0.40096
(29)	Sep-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.27993	\$0.00188	\$0.32451
(30)	Oct-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.40176	\$0.00118	\$0.44564
(31)	Nov-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.51434	\$0.00118	\$0.55822
(32)	Dec-09	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.51540	\$0.00118	\$0.55928
(33)										
(34)	Jan-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.61578	\$0.00118	\$0.65966
(35)	Feb-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.58864	\$0.00118	\$0.63252
(36)	Mar-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.51887	\$0.00118	\$0.56275
(37)	Apr-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.40447	\$0.00118	\$0.44835
(38)	May-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.40910	\$0.00118	\$0.45298
(39)	Jun-10	\$400.00	\$0.00000	\$0.00644	\$0.04270		\$0.00000	\$0.41028	\$0.00118	\$0.45416
(40)										
(41)										
(42)	Jul-10	\$600.00	\$0.00000	\$0.00644	\$0.04270	\$0.00000	\$0.00000	\$0.47577	\$0.00118	\$0.51965
(43)	Aug-10	\$600.00	\$0.00000	\$0.00644	\$0.04270	\$0.00000	\$0.00000	\$0.45197	\$0.00118	\$0.49585
(44)	Sep-10	\$600.00	\$0.00000	\$0.00644	\$0.04270	\$0.00000	\$0.00000	\$0.35712	\$0.02466	\$0.42448
(45)	Oct-10	\$600.00	\$0.00000	\$0.00644	\$0.04270	\$0.00000	\$0.00000	\$0.40453	\$0.02466	\$0.47189
(46)	Nov-10	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.38083	\$0.02466	\$0.45715
(47)	Dec-10	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.46914	\$0.02466	\$0.54546
(48)										
(49)	Jan-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.45851	\$0.02466	\$0.53483
(50)	Feb-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.47719	\$0.02466	\$0.55351
(51)	Mar-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.42684	\$0.02466	\$0.50316
(52)	Apr-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.45826	\$0.02466	\$0.53458
(53)	May-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.44420	\$0.02466	\$0.52052
(54)	Jun-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.44390	\$0.02466	\$0.52022
(55)	Jul-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.43786	\$0.02466	\$0.51418
(56)	Aug-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.44628	\$0.02466	\$0.52260
(57)	Sep-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.40722	\$0.00531	\$0.46419
(58)	Oct-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.39965	\$0.00531	\$0.45662
(59)	Nov-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.40964	\$0.00531	\$0.46661
(60)	Dec-11	\$600.00	\$0.00000	\$0.01540	\$0.05166	\$0.00000	\$0.00000	\$0.39961	\$0.00531	\$0.45658
(61)										
(62)	Jan-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.37468	\$0.00531	\$0.43250
(63)	Feb-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.34089	\$0.00531	\$0.39871
(64)	Mar-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.33867	\$0.00531	\$0.39649
(65)	Apr-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.23823	\$0.00531	\$0.29605
(66)	May-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.20267	\$0.00531	\$0.26049
(67)	Jun-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.26721	\$0.00531	\$0.32503
(68)	Jul-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.28179	\$0.00531	\$0.33961
(69)	Aug-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.32179	\$0.00381	\$0.37811
(70)	Sep-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.27621	\$0.01327	\$0.34199
(71)	Oct-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.31313	\$0.01327	\$0.37891
(72)	Nov-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.37145	\$0.01327	\$0.43723
(73)	Dec-12	\$600.00	\$0.00000	\$0.01625	\$0.05251	\$0.00000	\$0.00000	\$0.39277	\$0.01327	\$0.45855
(74)										
(75)	Jan-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.35846	\$0.01327	\$0.42869
(76)	Feb-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.35698	\$0.01327	\$0.42721
(77)	Mar-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.36412	\$0.01327	\$0.43435
(78)	Apr-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.40909	\$0.01327	\$0.47932
(79)	May-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.43017	\$0.01327	\$0.50040
(80)	Jun-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.42815	\$0.01327	\$0.49838
(81)	Jul-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.38208	\$0.01327	\$0.45231
(82)	Aug-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.35753	\$0.01327	\$0.42776
(83)	Sep-13	\$600.00	\$0.00000	\$0.02070	\$0.05696	\$0.00000	\$0.00000	\$0.37236	\$0.00716	\$0.43648
(84)	Oct-13	\$600.00	\$0.00000	\$0.03292	\$0.05696	\$0.00000	\$0.00000	\$0.37628	\$0.00716	\$0.44040
(85)	Nov-13	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.39885	\$0.00716	\$0.45530

Large Volume										
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)
	Basic Charge	GAP / therm	CIP / therm	Delivery Charge / therm inc CIP	RD Rider / therm	Demand Cost / therm	Comdity Cost / therm	GCR True-Up Cost / therm	Total Effective Rate	(D+F+G+H+I+J+K)
(86)	Dec-13	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.41183	\$0.00716	\$0.46828
(87)										
(88)	Jan-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.47594	\$0.00716	\$0.53239
(89)	Feb-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.55912	\$0.00716	\$0.61557
(90)	Mar-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.87194	\$0.00716	\$0.92839
(91)	Apr-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.58444	\$0.00716	\$0.64089
(92)	May-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.45802	\$0.00716	\$0.51447
(93)	Jun-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.47509	\$0.00716	\$0.53154
(94)	Jul-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.47912	\$0.00716	\$0.53557
(95)	Aug-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.39568	\$0.00716	\$0.45213
(96)	Sep-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.41241	\$0.04131	\$0.50301
(97)	Oct-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.43480	\$0.04131	\$0.52540
(98)	Nov-14	\$600.00	\$0.00000	\$0.02525	\$0.04929	\$0.00000	\$0.00000	\$0.43991	\$0.04131	\$0.53051
(99)	Dec-14	\$800.00	\$0.00000	\$0.02508	\$0.05693	\$0.00000	\$0.00000	\$0.49148	\$0.04131	\$0.58972
(100)										
(101)	Jan-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.42198	\$0.04131	\$0.52246
(102)	Feb-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.38562	\$0.04131	\$0.48610
(103)	Mar-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.44036	\$0.04131	\$0.54084
(104)	Apr-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.30646	\$0.04131	\$0.40694
(105)	May-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.24666	\$0.04131	\$0.34714
(106)	Jun-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.28942	\$0.04131	\$0.38990
(107)	Jul-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.28077	\$0.04131	\$0.38125
(108)	Aug-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.29164	\$0.04131	\$0.39212
(109)	Sep-15	\$800.00	\$0.00000	\$0.02732	\$0.05917	\$0.00000	\$0.00000	\$0.28063	\$0.05158	\$0.39138
(110)	Oct-15	\$800.00	\$0.00000	\$0.02833	\$0.05917	\$0.00000	\$0.00000	\$0.27831	\$0.05158	\$0.38906
(111)	Nov-15	\$800.00	\$0.00000	\$0.02833	\$0.05917	\$0.00000	\$0.00000	\$0.28243	\$0.05158	\$0.39318
(112)	Dec-15	\$800.00	\$0.00000	\$0.02833	\$0.05917	\$0.00000	\$0.00000	\$0.29715	\$0.05158	\$0.40790
(113)										
(114)	Jan-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.29362	\$0.05158	\$0.40575
(115)	Feb-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.28608	\$0.05158	\$0.39821
(116)	Mar-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.28649	\$0.05158	\$0.39862
(117)	Apr-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.24701	\$0.05158	\$0.35914
(118)	May-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.19784	\$0.05158	\$0.30997
(119)	Jun-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.20116	\$0.05158	\$0.31329
(120)	Jul-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.27167	\$0.05158	\$0.38380
(121)	Aug-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00000	\$0.00000	\$0.27167	\$0.05158	\$0.38380
(122)	Sep-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00268	\$0.00000	\$0.28716	\$0.02320	\$0.37359
(123)	Oct-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00268	\$0.00000	\$0.29890	\$0.02320	\$0.38533
(124)	Nov-16	\$800.00	\$0.00000	\$0.02971	\$0.06055	\$0.00268	\$0.00000	\$0.29045	\$0.02320	\$0.37688
(125)	Dec-16	\$800.00	\$0.00000	\$0.02949	\$0.08278	\$0.00268	\$0.00000	\$0.33747	\$0.02320	\$0.44613
(126)										
(127)	Jan-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00268	\$0.00000	\$0.39158	\$0.02320	\$0.50556
(128)	Feb-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.35473	\$0.02320	\$0.46916
(129)	Mar-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.27793	\$0.02320	\$0.39236
(130)	Apr-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.29496	\$0.02320	\$0.40939
(131)	May-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.29496	\$0.02320	\$0.40939
(132)	Jun-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.30480	\$0.02320	\$0.41923
(133)	Jul-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.28570	\$0.02320	\$0.40013
(134)	Aug-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00313	\$0.00000	\$0.28114	\$0.02320	\$0.39557
(135)	Sep-17	\$800.00	\$0.00000	\$0.03481	\$0.08810	\$0.00037	\$0.00000	\$0.28206	\$0.00402	\$0.37455
(136)	Oct-17	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.27544	\$0.00402	\$0.36793
(137)	Nov-17	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.30003	\$0.00402	\$0.39252
(138)	Dec-17	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.32308	\$0.00402	\$0.41557
(139)										
(140)	Jan-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.35606	\$0.00402	\$0.44855
(141)	Feb-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.47097	\$0.00402	\$0.56346
(142)	Mar-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.31275	\$0.00402	\$0.40524
(143)	Apr-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.24237	\$0.00402	\$0.33486
(144)	May-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.24132	\$0.00402	\$0.33381
(145)	Jun-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.25792	\$0.00402	\$0.35041
(146)	Jul-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.27083	\$0.00402	\$0.36332
(147)	Aug-18	\$800.00	\$0.00000	\$0.03974	\$0.08810	\$0.00037	\$0.00000	\$0.27399	\$0.00402	\$0.36648
(148)	Sep-18	\$800.00	\$0.00000	\$0.02862	\$0.07698	-\$0.00296	\$0.00000	\$0.28022	\$0.02376	\$0.37800
(149)	Oct-18	\$800.00	\$0.00000	\$0.02862	\$0.07698	-\$0.00296	\$0.00000	\$0.28937	\$0.02376	\$0.38715
(150)	Nov-18	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.34556	\$0.02376	\$0.44125
(151)	Dec-18	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.44871	\$0.02376	\$0.54440
(152)										
(153)	Jan-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.40692	\$0.02376	\$0.50261
(154)	Feb-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.35553	\$0.02376	\$0.45122
(155)	Mar-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.30421	\$0.02376	\$0.39990
(156)	Apr-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.26303	\$0.02376	\$0.35872
(157)	May-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.30421	\$0.02376	\$0.39990
(158)	Jun-19	\$900.00	\$0.00000	\$0.02803	\$0.07489	-\$0.00296	\$0.00000	\$0.23629	\$0.02376	\$0.33198

Attachment E-9. Customer Migration between Rate Classes

Analysis of Annual migration and effect on latest rate case use per customer.
2017 Rate case use per customer adjusted for the 2018 Annual Review.

<u>Comm/Ind-A</u>			
	<u>Customers</u>	<u>Dekatherms</u>	<u>Use/Cust.</u>
A to B	-2,471	-2,108,939	853.5
A to C	-159	-2,134,496	13424.5
B to A	1,304	1,440,722	1104.8
C to A	175	96,979	554.2
2018 Change	-1,151	-2,705,734	
2017 Rate Case	<u>30,327</u>	<u>2,231,747</u>	73.6
UPC Impact	29,176	-473,987	-16.2

<u>Comm/Ind-B</u>			
	<u>Customers</u>	<u>Dekatherms</u>	<u>Use/Cust.</u>
B to A	-1,304	-1,440,722	1104.8
B to C	-1,365	-9,530,417	6982.0
A to B	2,471	2,108,939	853.5
C to B	901	3,791,571	4208.2
2018 Change	<u>703</u>	<u>-5,070,629</u>	
2017 Rate Case	<u>19,000</u>	<u>5,584,961</u>	293.9
UPC Impact	19,703	514,332	26.1

<u>Comm/Ind-C</u>			
	<u>Customers</u>	<u>Dekatherms</u>	<u>Use/Cust.</u>
C to A	-175	-96,979	554.2
C to B	-901	-3,791,571	4208.2
A to C	159	2,134,496	13424.5
B to C	1,365	9,530,417	6982.0
2018 Change	<u>448</u>	<u>7,776,363</u>	
2017 Rate Case	<u>18,800</u>	<u>33,249,697</u>	1768.6
UPC Impact	19,248	41,026,060	2131.4

CenterPoint Energy – Minnesota Gas

Reports from Credit Rating Agencies – Summary

Notes:

- Reviewed reports published by S&P Global Ratings, Moody's Investors Services and Fitch Ratings
- Includes reports from July 2018 – August 2019
- Credit rating agency reports that did not mention decoupling are not included

2018/2019 Findings

- Fitch Ratings. Ratings Report: CenterPoint Energy Resources Corp. May 16, 2019: "CERC's regulated gas distribution operations benefit from diversified service territories in six states. Texas and Minnesota represented nearly 80% of the operating income in the segment. All six states, except for Texas, have revenue decoupling, weather normalization and formula rate mechanisms." Page 1
"Recovery mechanisms include decoupling in Minnesota and weather normalization in Arkansas, Louisiana, Mississippi and Oklahoma." Page 5
- Fitch Ratings. Ratings Report: CenterPoint Energy, Inc. November 11, 2018: "CNP's current gas operations enjoy decoupling mechanisms and politically uncontroversial gas infrastructure rider programs." Page 2
"CNP's gas operations currently benefit from overall supportive recovery mechanisms such as decoupling, weather normalization and the Gas Reliability Infrastructure Program (GRIP) in Texas." Page 6
- Moody's Investors Services. CenterPoint Energy Resources Corp.: Update following upgrade to Baa1 positive. September 10, 2018
"In addition, CERC has also been granted various revenue stabilizing mechanisms. For example, decoupling was made a permanent part of the tariff in CERC's most recent rate case in Minnesota." Page 4

Reports from Financial Analysts – Summary

Notes:

- Financial Analyst Reports that did not mention “CenterPoint Energy” and “decoupling” or “decoupler” were not included

2018 Findings

- May 4, 2018. Aga Zmigrodzka. UBS. CenterPoint Energy Inc, Incremental Colour on the Merger and ENBL. Page 1.
 - “Management noted it completed the Brazos Valley Connection project ahead of schedule and filed a Minnesota rate case settlement in March (decoupling will be made a permanent part of the rate).”
- August 3, 2018. Shelby Tucker. RBC. CenterPoint Energy (CNP): Light 2Q18 results on weaker natural gas utilities contributions, 2018 maintained at high end of range; 2020 pro forma EPS potential robust. Page 1
 - “Below consensus results, partially driven by lower usage at the Natural Gas Distribution segment (due to decoupling mechanism).”
- August 6, 2018. Greg Gordon. Evercore. Modest Miss In The Quarter, '18 Guidance & LT Growth Rate Aspiration Reaffirmed. Page 1.
 - “Gas distribution was -\$35MM lower primarily from a decoupling charge recorded in Q2'17 which helped prior year results, lower revenues due to tax reform offset by rate relief, and customer growth.”
- September 7, 2018. Gary Hovis. Argus. CenterPoint Energy Inc. Page 2.
 - “The 2Q17 included \$16 million of revenues from a decoupling mechanism to take into account warmer-than-normal weather for the 2016-2017 winter heating season.”
- October 8, 2018. Greg Gorden. Evercore. CNP's Financing Package For the VVC Deal Is Accretive To Credit Quality. Page 2.
 - “Gas distribution was -\$35m lower primarily from a decoupling charge recorded in Q2 '17 which helped prior year results, lower revenues due to tax reform offset by rate relief, and customer growth.”

2019 Findings – none to date