

Direct Testimony and Schedules
Joylyn C. Hoffman Malueg

Before the Minnesota Public Utilities Commission
State of Minnesota

In the Matter of the Application of Minnesota Energy Resources Corporation for
Authority to Increase Rates for Natural Gas Service in Minnesota

Docket No. G011/GR-22-504

Exhibit ____ (JCHM-D)

**Rate Design,
Tariff Changes, Lead/Lag Study,
Decoupling, and Interim Rate Design**

November 1, 2022

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1 I. INTRODUCTION AND QUALIFICATIONS

2 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

3 A. My name is Joylyn C. Hoffman Malueg. My business address is WEC Energy
4 Group, Inc. ("WEC"), 231 W. Michigan Street, Milwaukee, WI 53203.

5
6 Q. PLEASE SUMMARIZE YOUR EDUCATIONAL, PROFESSIONAL, AND UTILITY
7 BACKGROUND.

8 A. I am a 1999 graduate of the University of Wisconsin – Green Bay where I
9 received a Bachelor of Science degree in Mathematics with a Statistical
10 emphasis. I received my Master of Business Administration degree from
11 Cardinal Stritch University, Milwaukee, Wisconsin, in February 2006. I am also a
12 Certified Management Accountant, having received such certification in
13 November 2009 from the Institute of Certified Management Accountants. From
14 1999 to 2001, I worked for two separate companies performing retirement
15 benefits analysis and valuation. I began my career with WEC subsidiary
16 Wisconsin Public Service Corporation ("WPSC") in March 2001 as a Revenue
17 Requirements Forecaster in the Rates and Economic Evaluation Department,
18 where I was primarily responsible for revenue requirements and cost of service
19 analyses pertaining to WPSC's wholesale jurisdiction. In October 2003, my job
20 title changed to Rate Analyst within the Regulatory Affairs Department, where I
21 was responsible for revenue requirements analyses for WPSC's Michigan retail
22 jurisdiction and revenue requirement analyses and cost of service studies for
23 WPSC's sister company, Upper Peninsula Power Company ("UPPCO"). In

1 December 2006, my job title changed to Rate Case Consultant with WEC
2 Business Services, LLC (“WBS” or the “Service Company”). WBS was formally
3 known as Integrys Business Support, LLC (“IBS”). Both Minnesota Energy
4 Resources Corporation (“MERC” or the “Company”) and WBS are wholly-owned
5 subsidiaries of WEC. In the position of Rate Case Consultant, I was responsible
6 for performing cost of service studies and analyses. In February 2017, I worked
7 for Thrivent Financial conducting data reporting and analyses, and in October
8 2019, I returned to WEC as a Project Specialist 3 in the State Regulatory Affairs
9 Department, where I currently conduct regulatory filings and analysis for MERC.

10

11 Q. ON WHOSE BEHALF ARE YOU OFFERING THIS TESTIMONY?

12 A. I am offering this testimony on behalf of MERC.

13

14 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

15 A. First, I present MERC’s proposed rate design for recovering the revenue
16 requirement outlined in the Direct Testimony of Company witness Mr. Joseph
17 Zgonc for the test year ending December 31, 2023. The Direct Testimony of
18 Company witness Mr. Patrick Sullivan presents the Class Cost of Service Study
19 (“CCOSS”) that provides support for my rate design proposals.

20

21 Second, I discuss proposed tariff modifications.

22

1 Third, I discuss the transition of the Natural Gas Extension Program (“NGEP”)
2 and Gas Utility Infrastructure Costs (“GUIC”) Riders into proposed rates.

3
4 Fourth, I provide testimony and evidence regarding the Lead/Lag Study.

5
6 Fifth, I discuss MERC’s Revenue Decoupling Mechanism (“RDM”) Program
7 including recommendations for continuation of MERC’s RDM pilot.

8
9 Sixth, I discuss MERC’s proposed rate design for interim rates based upon the
10 interim revenue requirement outlined in the Direct Testimony of Mr. Zgonc for the
11 test year ending December 31, 2023.

12
13 Q. ARE YOU SPONSORING ANY SCHEDULES IN CONNECTION WITH YOUR
14 TESTIMONY IN THIS PROCEEDING?

15 A. Yes, I am. I am sponsoring:

- 16 • Exhibit ___ (JCHM-D), Schedules 1 - 10: Rate Design Schedules
- 17 • Exhibit ___ (JCHM-D), Schedule 11: Lead/Lag Study
- 18 • Exhibit ___ (JCHM-D), Schedule 12: Decoupling evaluation data
- 19 • Exhibit ___ (JCHM-D), Schedule 13: Decoupling revenues
- 20 • Exhibit ___ (JCHM-D), Schedule 14: Throughput incentives
- 21 • Exhibit ___ (JCHM-D), Schedules 15 - 18: Interim Rate Design Schedules

22

1 Q. WERE THESE SCHEDULES PREPARED BY YOU OR UNDER YOUR
2 DIRECTION AND SUPERVISION?

3 A. Yes, they were.
4

5 Q. PLEASE DESCRIBE IN GENERAL TERMS THE CONTENT OF EXHIBIT ____
6 (JCHM-D), SCHEDULES 1-10 TO YOUR DIRECT TESTIMONY.

7 A. The general content of Exhibit ____ (JCHM-D), Schedules 1-10 is as follows:

- 8 • Schedule 1 shows the current and proposed monthly fixed charges and
9 per therm rates for each rate class.
- 10 • Schedule 2 is a comparison of the amount of revenue generated, including
11 gas costs, under the current and proposed monthly fixed charges and per
12 therm rates for each rate class. Note that the current revenues shown in
13 Schedule 2 do not include GUIC or NGEP Rider surcharge revenues.
- 14 • Schedule 2, Summary, provides a summary comparison of the amount of
15 revenue generated, including gas costs, under the current and proposed
16 monthly fixed charges and per therm rates for each rate class.
- 17 • Schedule 3 is an analysis of the bill impacts, including gas costs, under
18 the current and proposed monthly fixed charges and per therm rates for
19 each rate class. Note that the bill impacts for current revenues shown in
20 Schedule 3 do not include GUIC or NGEP Rider surcharge revenues.
- 21 • Schedule 4 is a comparison of the amount of revenue generated,
22 excluding gas costs, under the current and proposed monthly fixed
23 charges and per therm rates for each rate class. Note that the current

1 revenues shown in Schedule 4 do not include GUIC or NGEP Rider
2 surcharge revenues.

3 • Schedule 4, Summary, provides a summary comparison of revenues,
4 excluding gas costs, from current and proposed rates for each rate class.

5 • Schedule 5 is an analysis of the bill impacts, not including gas costs,
6 under the current and proposed monthly fixed charges and per therm
7 rates for each rate class. Note that the bill impacts for current revenues
8 shown in Schedule 5 do not include GUIC or NGEP Rider surcharge
9 revenues.

10 • Schedule 6 identifies the average monthly usage and present monthly bill
11 compared to the proposed monthly bill, including the cost of gas. The
12 present monthly bill is presented both (1) based upon current monthly
13 fixed charges and current distribution rates and (2) based upon current
14 monthly fixed charges, current distribution rates, and GUIC and NGEP
15 Rider surcharges.

16 • Schedule 7 is a breakpoint analysis of MERC's proposed gas rate design
17 for the commercial and industrial General Service rate classes.

18 • Schedule 8 is an analysis of the relative rate differentials between a firm
19 and interruptible customer under MERC's current and proposed rate
20 structure.

21 • Schedule 9 is a comparison of the amount of revenue generated, including
22 gas costs, GUIC Rider surcharge revenues, and NGEP Rider surcharge

1 revenues, under the current and proposed monthly fixed charges and per
2 term rates for each rate class.

3 • Schedule 9, Summary, provides a summary comparison of the amount of
4 revenue generated, including gas costs, GUIC Rider surcharge revenues,
5 and NGEP Rider surcharge revenues, under the current and proposed
6 monthly fixed charges and per term rates for each rate class.

7 • Schedule 10 is a comparison of the amount of revenue generated,
8 excluding gas costs, but including GUIC Rider surcharge revenues and
9 NGEP Rider surcharge revenues, under the current and proposed monthly
10 fixed charges and per term rates for each rate class.

11 • Schedule 10, Summary, provides a summary comparison of the amount of
12 revenue generated, excluding gas costs, but including GUIC Rider
13 surcharge revenues and NGEP Rider surcharge revenues, under the
14 current and proposed monthly fixed charges and per term rates for each
15 rate class.

17 II. RATE DESIGN

18 A. Overview

19 Q. WHAT ARE MERC'S PRIMARY OBJECTIVES IN THE DESIGN OF NATURAL
20 GAS RATES?

21 A. The Company's primary objectives are to:

- 22 1. Collect total revenues sufficient to allow MERC to recover its cost of operations
23 for the test year, including a reasonable return on investment;

- 1 2. Reflect the cost of providing service to each customer class, as supported by
- 2 the CCOSS, while giving consideration to non-cost factors, like the value of
- 3 service, where appropriate;
- 4 3. Provide overall revenue stability to MERC;
- 5 4. Encourage sound economic energy use;
- 6 5. Minimize cross-subsidization between rate classes;
- 7 6. Avoid large bill impacts or “rate shock;”
- 8 7. Minimize bypass threats to the Company’s large industrial customers;
- 9 8. Limit the impact of the proposed rates on low-income customers; and
- 10 9. Provide flexibility in pricing and service conditions, which will allow MERC’s
- 11 natural gas services to be competitive with other energy sources.

12

13 Q. WHAT ARE THE TEST YEAR REVENUES UNDER PRESENT AND

14 PROPOSED RATES?

15 A. The 2023 test year revenues applying present and proposed rates are as follows

16 in Table 1, below:

Table 1. Test Year Revenues Under Present and Proposed Rates

Exhibit ____ (JCHM-D), Schedule 2, Summary			
	Present Rates	Proposed Rates	Difference
MERC-Minnesota	\$406,983,976	\$447,305,978	\$40,322,002
Exhibit ____ (JCHM-D), Schedule 9, Summary			
	Present Rates – Inclusive of GUIC and NGEP Rider Surcharge Revenues	Proposed Rates	Difference
MERC-Minnesota	\$414,543,087	\$447,305,978	\$32,762,890

Present rates include the distribution rates authorized in MERC’s most recent general rate case proceeding, Docket No. G011/GR-17-563 (the “2017 Rate Case”). The revenue deficiency of \$40,322,000¹ for MERC is presented by Mr. Zgonc. The rates proposed are designed to produce an increase in retail revenues of \$40,322,002 for MERC. With the Company’s proposal to roll-in GUIC and NGEP Rider surcharge revenues into base rates, and reducing those surcharge rates (which are a separate line item on customers’ bills) to zero, the final rates being proposed produce a net increase in retail revenues of \$32,762,890. Forecasted sales and transportation service volumes for the 2023 test year, as presented by Company witness Mr. Jared Peccarelli, were applied to both present and proposed rates to obtain these test year revenues.

¹ While the Company presents the revenue deficiency calculation rounded to thousands, rate design is conducted to the exact dollar.

1 Q. WHAT FACTORS CONTRIBUTE TO THE NON-GAS INCREASE?

2 A. Both the increased revenue requirement and the roll-in of MERC's rider
3 expenditures to base rates impact the non-gas increase. As explained in the
4 Direct Testimony of Mr. Zgonc, GUIC and NGEP costs are being rolled into base
5 rates with interim rates in this proceeding. Customers have been paying for
6 these costs through the rider surcharge rates, so the portion of the rate increase
7 associated with rider roll-ins does not increase overall customer bills.

8

9 **B. Rate Classes**

10 Q. PLEASE DESCRIBE THE GENERAL CATEGORIES OF SERVICE MERC
11 PROVIDES TO ITS CUSTOMERS.

12 A. MERC provides sales service and transportation service. For sales service,
13 MERC offers a fully bundled service, which means that MERC procures
14 wholesale natural gas and the interstate pipeline transportation for delivery to
15 MERC's city gates, and then delivers and resells natural gas to customers
16 through MERC's distribution system. Transportation service customers acquire
17 their own gas supplies via an unregulated gas supplier and procure their own
18 pipeline transportation to MERC's town border stations. MERC then delivers this
19 third-party gas to transportation customers through MERC's gas distribution
20 system. A limited number of MERC's customers, classified as Direct Connect
21 customers, are directly connected to the interstate gas pipeline and do not utilize
22 MERC's gas distribution system.²

² See MERC Tariff Sheet No. 6.50.

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Sales and transportation customers can take either firm or interruptible service. Firm service is typically not subject to curtailment, and is priced to include the costs of providing that reliability. Service to customers taking interruptible service can be curtailed as needed to maintain system reliability or, for system sales customers, based on available pipeline capacity and supply.³

- Q. IS MERC PROPOSING ANY CHANGES TO THE EXISTING RATE CLASSES?
- A. No, MERC is not proposing any changes to any of the existing rate classes.

C. Revenue Apportionment and Proposed Rate Design

- Q. HOW WAS THE PROPOSED REVENUE REQUIREMENT APPORTIONMENT DEVELOPED?
- A. The CCOSS as presented by Mr. Sullivan was the starting point for the apportionment of the retail revenue requirement among the rate classes. Other rate design goals were then considered, as noted above, such as maintaining competitive pricing for competitive services, and limiting large bill impacts or “rate shock.” MERC’s goal was to recover as closely as possible the costs imposed by each class, while avoiding unacceptably high billing impacts.

³ In Docket Nos. G999/CI-21-135 and G011/M-21-611, MERC has also submitted proposed tariff modifications to implement price-based curtailments for its system sales interruptible customers upon approval of the Minnesota Public Utilities Commission. Those changes are pending as of the date of this filing.

1 Q. HAVE YOU PREPARED A SUMMARY OF HOW PRESENT RATES COMPARE
2 TO THE PROPOSED RATES FOR THE AVERAGE CUSTOMER IN EACH
3 RATE CLASS?

4 A. Yes. Exhibit ____ (JCHM-D), Schedule 2 includes a comparison of the present
5 annual bill to the proposed annual bill, based on average annual usage for every
6 rate class, including gas costs. Exhibit ____ (JCHM-D), Schedule 4 performs the
7 same analysis, not including gas costs. Note that the current revenues shown in
8 Schedules 2 and 4 do not include GUIC and NGEP Rider surcharge revenues.

9
10 Additionally, Exhibit ____ (JCHM-D), Schedule 3 is an analysis of the bill impacts,
11 including gas costs, under the current and proposed monthly fixed charges and
12 per therm rates for each rate class.

13
14 Lastly, Exhibit ____ (JCHM-D), Schedule 9 includes a comparison of the present
15 annual bill to the proposed annual bill based on average annual usage for every
16 rate class, including gas costs, GUIC Rider surcharge rates, and NGEP Rider
17 surcharge rates. Exhibit ____ (JCHM-D), Schedule 10, performs the same
18 analysis, not including gas costs but continuing to include GUIC Rider surcharge
19 rates and NGEP Rider surcharge rates. Schedules 9 and 10 provide the most
20 accurate apples-to-apples portrayal of Current Revenues to Proposed Revenues,
21 and the associated proposed incremental increase/(decrease) by rate schedule,
22 given that these schedules include the GUIC and NGEP Rider surcharge
23 revenues as part of Current Rates.

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Q. HAVE YOU PREPARED A SUMMARY OF THE PRESENT AND PROPOSED RATES FOR EACH RATE CLASS?

A. Yes. Exhibit ____ (JCHM-D), Schedule 1, shows the present and proposed monthly customer charge and volumetric distribution charge for each rate class.

Additionally, as required by Minn. R. 7825.4300(A), a summary comparison of test year operating revenue under present and proposed rates by customer class of service showing the difference in revenue and percentage change is included in Exhibit ____ (JCHM-D), Schedule 2, Summary (including gas costs), and Exhibit ____ (JCHM-D), Schedule 4, Summary (excluding gas costs).

As required by Minn. R. 7825.4300(B), a detailed comparison of test year operating revenue under present and proposed rates by type of charge including minimum demand, energy by block, gross receipts, automatic adjustments, and other charge categories within each rate schedule and within each customer class of service is included in Exhibit ____ (JCHM-D), Schedule 2 (including gas costs), and Exhibit ____ (JCHM-D), Schedule 4 (excluding gas costs). Exhibit ____ (JCHM-D), Schedule 2 provides a side-by-side comparison of the amount of revenue generated by each rate component under the current and proposed monthly fixed charges and per therm rates for each rate class.

1 As detailed by Mr. Zgonc, and as noted earlier in my Direct Testimony, MERC is
2 proposing to roll the GUIC and NGEF Riders into base rates and set the GUIC
3 and NGEF Rider surcharges to \$0.00000 effective with the implementation of
4 interim rates in this case. The current revenues shown in Exhibit ____ (JCHM-D),
5 Schedules 2–5 do not include revenues attributable to the GUIC and NGEF
6 Riders. Exhibit ____ (JCHM-D), Schedules 9 and 10 provide a side-by-side
7 comparison of the amount of revenue generated by each rate component under
8 the current monthly fixed charges, current per therm rates, and current GUIC
9 Rider and NGEF Rider surcharges compared to the proposed monthly fixed
10 charges and per therm rates for each rate class. Table 2 below also provides
11 current revenues (including gas costs), inclusive of GUIC and NGEF Rider
12 revenues, which presents a more accurate picture of customer class impacts of
13 proposed rates. This information is also presented in Exhibit ____ (JCHM-D),
14 Schedule 9, Summary. Customers are currently seeing bill impacts from the
15 NGEF and GUIC Rider surcharge rates on their bills. Effective with interim rates
16 in this case, NGEF and GUIC Rider surcharge rates will be set to \$0.00000 but
17 the associated costs will continue to be recovered through base rates.

18

19 **Table 2. Comparison of Revenue from Current Rates, Inclusive of GUIC and NGEF**
20 **Rider Revenues, and Proposed Rates (Including Gas Costs)⁴**

	Current Revenues	Proposed Revenue	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	211,990,264	230,672,684	18,682,419	8.81%
GS-NNG Residential Farm-Tap Sales	2,382,545	2,602,429	219,884	9.23%
GS-NNG C&I FIRM Class 1	9,169,220	9,883,217	713,997	7.79%
GS-NNG C&I Farm-Tap Class 1	201,129	217,842	16,713	8.31%
GS-NNG C&I FIRM Class 2	88,578,889	93,887,865	5,308,976	5.99%

⁴ See Exhibit ____ (JCHM-D), Schedule 9, Summary.

	Current Revenues	Proposed Revenue	\$ Increase/ (Decrease)	% Increase/ (Decrease)
GS-NNG C&I FIRM Class 3	8,058,072	8,327,327	269,255	3.34%
GS-NNG C&I Farm-Tap Class 2	2,765,249	2,934,600	169,351	6.12%
GS-NNG C&I Farm-Tap Class 3	784,326	810,736	26,410	3.37%
NNG C&I INT Class 2	6,525,699	6,744,337	218,638	3.35%
NNG C&I INT Class 3	9,824,827	10,033,797	208,970	2.13%
NNG Agriculture Grain Dryer - Class 1	723,246	760,907	37,661	5.21%
NNG Agriculture Grain Dryer - Class 2	2,691,603	2,760,943	69,341	2.58%
NNG Electric Generation - Class 1	99,470	102,389	2,919	2.93%
NNG C&I Firm/Interruptible Class 2	83,505	88,433	4,928	5.90%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	30,904,988	34,165,552	3,260,563	10.55%
GS-CONSOLIDATED C&I FIRM Class 1	2,392,323	2,613,074	220,751	9.23%
GS-CONSOLIDATED C&I FIRM Class 2	20,449,151	21,937,674	1,488,523	7.28%
GS-CONSOLIDATED C&I FIRM Class 3	1,345,788	1,402,036	56,249	4.18%
CONSOLIDATED C&I INT Class 2	1,242,771	1,294,484	51,713	4.16%
CONSOLIDATED C&I INT Class 3	1,029,217	1,056,524	27,307	2.65%
CONSOLIDATED C&I INT Class 4	1,657,758	1,663,912	6,154	0.37%
CONSOLIDATED Agriculture Grain Dryer - Class 1	45,507	48,289	2,782	6.11%
CONSOLIDATED Agriculture Grain Dryer - Class 2	148,519	153,263	4,744	3.19%
CONSOLIDATED Electric Generation - Class 1	10,594	10,981	388	3.66%
CONSOLIDATED C&I INT Class 2	189,069	201,734	12,665	6.70%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	391,095	512,751	121,656	31.11%
Transport-NNG C&I FIRM Class 3	798,468	992,531	194,063	24.30%
Transport-NNG C&I FIRM Class 4	72,109	74,953	2,844	3.94%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	57,384	62,006	4,623	8.06%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	466,125	507,606	41,481	8.90%
Transport-NNG C&I INT Class 2	216,824	261,892	45,069	20.79%
Transport-NNG C&I INT Class 3	2,042,573	2,414,312	371,739	18.20%
Transport-NNG C&I INT Class 4	673,642	704,234	30,592	4.54%
Transport-NNG C&I INT Class 5	350,575	340,280	-10,295	-2.94%
Transport-NNG C&I INT Class 5 - CIP Exempt	1,251,719	1,465,538	213,820	17.08%
Transport-NNG Electric Generation INT Class 2	53,339	51,848	-1,491	-2.79%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	22,611	20,356	-2,256	-9.98%
Transport-NNG C&I Firm/Interruptible Class 2	66,524	82,657	16,133	24.25%
Transport-NNG C&I Firm/Interruptible Class 3	994,600	1,194,724	200,124	20.12%
Transport-NNG C&I Firm/Interruptible Class 4	253,604	264,203	10,599	4.18%
Transport-NNG C&I Firm/Interruptible Class 5	160,274	155,699	-4,575	-2.85%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	437,956	424,901	-13,054	-2.98%
Transport for Resale	29,625	31,279	1,653	5.58%
LVJ-NNG Flex Transport (Cust "A")	219,512	243,568	24,055	10.96%
LVJ-NNG Flex Transport (Cust "F")	196,775	214,002	17,227	8.75%
LVJ-NNG Flex Transport (Cust "G")	62,786	66,768	3,982	6.34%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	351,506	456,929	105,423	29.99%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	11,522	15,749	4,227	36.69%
Transport-CONSOLIDATED C&I FIRM Class 3	660,015	823,146	163,131	24.72%
Transport-CONSOLIDATED C&I FIRM Class 4	83,352	86,664	3,312	3.97%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	362,203	393,761	31,558	8.71%
Transport-CONSOLIDATED C&I INT Class 2	74,305	89,868	15,563	20.95%
Transport-CONSOLIDATED C&I INT Class 3	480,550	564,532	83,983	17.48%
Transport-CONSOLIDATED C&I INT Class 4	84,027	87,819	3,793	4.51%
Transport-CONSOLIDATED C&I INT Class 5	177,416	172,008	-5,408	-3.05%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	56,597	67,062	10,465	18.49%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	89,748	87,301	-2,447	-2.73%

1

1 Q. IN ITS MARCH 18, 2015, ORDER IN DOCKET NO. G011/GR-13-617, THE
2 MINNESOTA PUBLIC UTILITIES COMMISSION (THE "COMMISSION")
3 REQUIRED MERC, IN FUTURE RATE CASES, TO FILE RATE AND REVENUE
4 SCHEDULES BOTH WITH AND WITHOUT THE BASE COST OF GAS
5 REVENUES. HAS MERC COMPLIED WITH THAT REQUIREMENT IN THIS
6 RATE CASE?

7 A. Yes. Exhibit ____ (JCHM-D), Schedules 2 and 4 include MERC's rates and
8 revenues both with and without the base cost of gas revenues.

9
10 Q. THE COMMISSION'S MARCH 18, 2015, ORDER ALSO REQUIRED THAT IN
11 FUTURE RATE CASES, MERC'S PROPOSED CONSERVATION
12 IMPROVEMENT PROGRAM ("CIP") APPLICABLE DISTRIBUTION RATES BE
13 SET AT A LEVEL HIGH ENOUGH TO COVER THE PROPOSED
14 CONSERVATION COST RECOVERY CHARGE ("CCRC") FACTOR. HAS
15 MERC COMPLIED WITH THAT REQUIREMENT?

16 A. Yes. Exhibit ____ (JCHM-D), Schedule 1 sets forth current and proposed rates,
17 and illustrates that all of the proposed CIP-applicable distribution rates are set at
18 a level high enough to cover the proposed CCRC factor. This schedule also
19 shows the CCRC as a component of the distribution rate.

20

1 Q. THE COMMISSION'S ORDERS IN DOCKET NO. G011/M-19-282 AND
2 DOCKET NO. G011/M-19-608 REQUIRED THAT MERC INCLUDE IN ITS
3 DIRECT TESTIMONY IN ITS NEXT RATE CASE A PROPOSED
4 APPORTIONMENT OF REVENUE RESPONSIBILITY THAT FULLY ALIGNS
5 WITH THE COMPANY'S PROPOSED CUSTOMER RATE CLASSES AND
6 RATE DESIGN. IS MERC ADDRESSING THAT REQUIREMENT?

7 A. Yes. MERC's proposed apportionment of revenue responsibility as supported by
8 my Direct Testimony aligns fully with the current approved customer rate classes
9 and proposed rate design, as well as prior Commission decisions.

10
11 The issue of ensuring the Company's proposed revenue apportionment aligns
12 with the new rate design and rate classes approved in its 2018 test year rate
13 case arose in the context of the Company's GUIC and NGEF Riders and the rate
14 design of rider surcharge recovery. As reflected in the Commission's Order in
15 Docket No. G011/M-19-608:

16 This docket identified various issues with the apportionment
17 of revenue responsibility and rate design – particularly
18 regarding rates for firm, interruptible, and transportation
19 service customers within the same class. Ultimately, this
20 issue will be fully developed in MERC's next general rate case
21 when rider costs are incorporated into base rates. In its next
22 general rate case, MERC must propose an updated
23 apportionment of revenue responsibility that fully aligns with
24 its new rate design and rate classes approved in its 2017
25 general rate case.⁵

⁵ *In the Matter of Minnesota Energy Resources Corporation's 2020 Rochester Natural Gas Extension Project Rider*, Docket No. G011/M-19-608, Order Approving NGEF Rider Surcharge with Modifications at 8 (September 21, 2020).

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The “issues with the apportionment of revenue responsibility and rate design,” however, were not due to the fact that MERC’s proposed revenue apportionment in Docket No. G011/GR-17-563 did not align with its rate design and class structure. Instead, the issue stems from the fact that the Commission’s December 26, 2018 Findings of Fact, Conclusions, and Order in Docket No. G011/GR-17-563 did not adopt the revenue apportionment as proposed by the Company and supported by the Minnesota Department of Commerce (the “Department”). Instead, the Commission adopted a high level revenue apportionment as proposed by the Minnesota Office of Attorney General – Residential Utilities Division (the “OAG”), which rolled up apportionment to a combined class level without specifically addressing the rate design components of the revenue apportionment or the new rate classes that were proposed and approved in that proceeding. The final approved revenue apportionment from Docket No. G011/GR-17-563 as proposed by the OAG and adopted by the Commission is presented in Table 3.

Table 3. Docket No. G011/GR-17-563 Approved Revenue Apportionment

Customer Class	Revenue Apportionment %
Residential	62.5%
Firm Sales	23.5%
Interruptible Sales	3.5%
Transport	10.5%

1 As discussed in MERC's initial brief in Docket No. G011/GR-17-563, the high
2 level revenue apportionment lacks necessary granularity to evaluate the class-
3 specific customer impacts and to address compliance with rate design
4 requirements. While MERC ultimately implemented the approved revenue
5 apportionment in Docket No. G011/GR-17-563 while also addressing compliance
6 with applicable Commission requirements related to rate design, the approved
7 apportionment percentages could not be directly translated to rate design in
8 MERC's GUIC and NGEF Riders.

9
10 Q. WHAT WAS THE ISSUE WITH APPLYING THE COMMISSION-APPROVED
11 REVENUE APPORTIONMENT PERCENTAGES TO MERC'S NGEF AND GUIC
12 RIDER RATES?

13 As described in the Company's Reply Comments in Docket No. G011/M-19-608:
14 while the Company did use the high level revenue apportionment percentages
15 approved in Docket No. G011/GR-17-563 as a starting place for its NGEF (and
16 GUIC) Rider surcharge design, modification of the groupings for purposes of
17 applying per-therm surcharge rates was necessary and appropriate to ensure
18 customers are not improperly encouraged to move from system sales to
19 transportation service or from firm to interruptible service.

20
21 The Department, in its response Comments in Docket No. G011/M-19-608,
22 explained the issue as follows,

23 MERC's information indicates that the apportionment of
24 revenue responsibility approved in the most recent rate case,

1 when applied strictly to the NGEF surcharge, would result in
2 rate changes that would negatively impact the principles
3 embedded in the currently approved rate design and the rate
4 differentials between classes and service types.
5

6 Specifically, the rate differentials between transportation and
7 sales service, and the differentials between firm and
8 interruptible classes, have been the result of a deliberate,
9 iterative process over the past 30 years by MERC, its
10 predecessors, and regulators to arrive at rates that accurately
11 price natural gas service between different service types. In
12 terms of the differential between sales and transport service,
13 the Company's rate design ensures that these customers are
14 agnostic between sales and transport service; in the case of
15 firm and interruptible service, the rate differential discounts
16 are such that interruptible service is priced at a level that
17 appropriately compensates these customers, but not
18 excessively, for the fact that they are subject to curtailment.
19

20 Given the issues with the apportionment of revenue
21 responsibility and rate design identified in this docket, the
22 Department recommends that the Commission require the
23 Company to address the apportionment of revenue
24 responsibility in direct testimony in its next general rate case
25 and propose an updated apportionment of revenue
26 responsibility that fully aligns with its new rate design and rate
27 classes approved in its 2017 general rate case.⁶
28

29 Q. DID MERC'S PROPOSED REVENUE APPORTIONMENT IN THE COMPANY'S
30 2017 RATE CASE FULLY ALIGN WITH THE CUSTOMER RATE CLASSES
31 AND RATE DESIGN PROPOSED BY THE COMPANY?

32 A. Yes, in MERC's 2017 Rate Case, MERC and the Department both supported a
33 revenue apportionment by customer class that fully aligned with the Company's
34 proposed rate classes and proposed rate design, and also complied with a

⁶ *In the Matter of Minnesota Energy Resources Corporation's 2020 Rochester Natural Gas Extension Project Rider*, Docket No. G011/M-19-608, Response Comments of the Minnesota Department of Commerce, Division of Energy Resources at 13 (September 21, 2020).

1 number of Commission order requirements related to the structure of MERC's
2 rates in that proceeding. The revenue apportionment supported by the Company
3 and the Department in that proceeding was provided at the detailed customer
4 class level, to ensure each component of the Company's proposed rate design
5 satisfied the rate structure and complied with all Commission directives related to
6 MERC's rate structure. However, the Commission ultimately adopted a revenue
7 apportionment proposed by the OAG, which reflected revenue apportionment
8 percentages at a rolled up level, rather than by customer-class, and as a result
9 did not address revenue apportionment and rate design at a customer class
10 level, or account for various Commission directives related to the design of
11 MERC customer class rates.⁷ MERC ultimately implemented final rates in
12 compliance with the Commission's revenue apportionment decisions and other
13 decisions; however, strictly applying the approved revenue apportionment
14 percentages across all customers within the identified classifications is
15 inconsistent with established rate design principles and MERC's approved
16 customer class structure.

17

18 Q. DOES MERC'S REVENUE APPORTIONMENT PROPOSED IN THIS CASE
19 ALIGN WITH MERC'S CUSTOMER RATE CLASSES AND RATE DESIGN?

20 A. Yes, it does. MERC's proposed apportionment of revenue responsibility by
21 customer rate class is presented in Exhibit ____ (JCHM-D), Schedule 4, Summary

⁷ MERC discussed the issues with applying the OAG's revenue apportionment in its Initial Brief in Docket No. G011/GR-17-563 at 47-51.

1 to my Direct Testimony. This apportionment aligns with the current customer
2 rate classes, as approved by the Commission in Docket No. G011/GR-17-563,
3 which MERC is proposing to maintain in this proceeding. The apportionment
4 also aligns with MERC's proposed rate design as discussed in my Direct
5 Testimony, including the proposal to hold customer fixed charges unchanged.

6
7 Under MERC's tariff offerings, commercial and industrial customers may elect to
8 take distribution service on a firm or interruptible basis, where interruptible
9 customers have a lower priority than firm customers, agreeing to curtail their
10 service when called upon to do so. Commercial and industrial customers also
11 can elect to have MERC arrange for their interstate gas commodity deliveries
12 (referred to as system-sales customers) or to have a third-party marketer or other
13 entity arrange for their gas commodity deliveries (referred to as transportation
14 customers).

15
16 MERC's base distribution rate structure appropriately reflects the increased risk
17 borne by interruptible customers in electing to take interruptible service. Those
18 customers receive a reduced distribution rate in exchange for being subject to
19 curtailment when called upon to interrupt their usage. In Docket No. G011/GR-
20 17-563, MERC proposed, and the Commission approved, a proposal to
21 significantly narrow the differential between firm and interruptible distribution
22 rates to appropriately recognize the reduced risk of interruption following the
23 addition of the Rochester pipeline capacity. As discussed in that docket,

1 Though [interruptible] customers will still be subject to
2 curtailments called for distribution constraints, the likelihood
3 that they are interrupted for any reason will decrease once the
4 additional capacity is made available to MERC. Thus, their
5 agreement to be interrupted when called upon provides a
6 smaller benefit to the system and may merit a smaller
7 discount. . . . The narrower differential is appropriate because
8 the likelihood of interruption on MERC's system is relatively
9 low, and correspondingly the discount for interruptible service
10 should be relatively small. This shift in rates should
11 encourage more customers to opt for firm service.⁸
12

13 Discussed in further detail below, Exhibit ____ (JCHM-D), Schedule 8 provides an
14 analysis of the relative rate differentials between a firm and interruptible customer
15 under MERC's existing rate classes compared to MERC's proposed rates, and
16 affirms that MERC's base distribution rate structure appropriately reflects the risk
17 borne by interruptible customers in electing to take interruptible service.
18

19 Additionally, as shown in Exhibit ____ (JCHM-D), Schedule 1, proposed rates by
20 customer class do not differ for system sales customer classes as compared to
21 transport customer classes, affirming that MERC's rate design would not
22 improperly encourage customers to move from system sales to transportation
23 service or vice versa.
24

⁸ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-17-563, Direct Testimony and Schedules of Amber Lee at 19, 35 (Oct. 13, 2017).

1 **1. Customer Charges**

2 Q. IS THE COMPANY PROPOSING CHANGES TO CURRENTLY APPROVED
3 CUSTOMER CHARGES IN THIS PROCEEDING?

4 A. No, MERC is not proposing any changes to the approved customer charges.
5

6 **2. Sales Service – Residential and Firm**

7 Q. PLEASE EXPLAIN THE GENERAL SERVICE FIRM RATE CLASS.

8 A. The General Service (“GS”) rate class is made up of residential and
9 commercial/industrial customers, including Farm Tap customers. These
10 customers are usually small volume (less than 200 dekatherms per day) and
11 represent the vast majority of the Company’s customers.
12

13 Q. PLEASE SUMMARIZE THE COMPANY’S GENERAL SERVICE RATE DESIGN
14 PROPOSALS.

15 A. The table below sets out the Company’s existing customer charges and both
16 existing and proposed distribution rates, with comparisons to the costs justified
17 by the CCOSS.⁹

⁹ See Informational Requirements Document 12, Schedule 1.2.

1

Table 4. General Service Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge – Existing	Monthly Customer Charge Justified by CCOSS ¹⁰	Distribution Charge Per Therm – Existing	Distribution Charge Per Therm – Proposed	Distribution Charge Justified by CCOSS ¹¹
Residential	Any	\$9.50	\$33.47	\$0.24686	\$0.38878	\$0.12198
Commercial & Industrial Firm Class 1	0 – 1,500	\$18.00	\$35.67	\$0.22251	\$0.34491	\$0.12053
Commercial & Industrial Firm Class 2	1,501 – 100,000	\$45.00	\$53.39	\$0.16857	\$0.25209	\$0.11926
Commercial & Industrial Firm Class 3	100,001 – 1,000,000	\$165.00	\$88.21	\$0.12453	\$0.16486	\$0.10593
Commercial & Industrial Firm Class 4	1,000,001 – 2,000,000	\$185.00	N/A	\$0.05016	\$0.05748	N/A
Commercial & Industrial Firm Class 5	Greater than 2,000,000	\$360.00	N/A	\$0.03486	\$0.03739	N/A

2

3 MERC is proposing a distribution charge of \$0.38878 per therm, inclusive of the
4 CCRC, for all Residential GS rate classes served by MERC. This includes all
5 current MERC Northern Natural Gas (“MERC-NNG”) and MERC-Consolidated
6 customers. A comparison of bills for various usage levels, including gas costs,
7 under present and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule
8 3, and the proposed increase for an average customer is shown in Exhibit ____
9 (JCHM-D), Schedule 6.

10

11 Q. WHAT RATES DOES MERC PROPOSE FOR ITS FARM TAP CUSTOMERS?

12 A MERC proposes to charge the same rates as the corresponding firm classes.

13

¹⁰ Excludes Farm Tap customer classes.

¹¹ Excludes Farm Tap customer classes.

1 Q. PLEASE DISCUSS THE BREAKPOINT ANALYSIS IN SCHEDULE 7 THAT
2 WAS PERFORMED FOR THE COMMERCIAL AND INDUSTRIAL
3 CUSTOMERS.

4 A. Breakpoints between rate classes are the annual usages that define the cross-
5 over points between rate classes. For Commercial and Industrial (“C&I”) Class 1
6 and 2 customers, the breakpoint is 1,500 therms per year; for C&I Class 2 and 3
7 customers, the breakpoint is 100,000 therms; for C&I Class 3 and 4 customers,
8 the breakpoint is 1,000,000 therms; and for C&I Class 4 and 5, the breakpoint is
9 2,000,000 therms. A breakpoint analysis is the comparison of the costs to a
10 customer at the breakpoint, assuming the customer is taking service on the
11 bordering rate class. For instance, the breakpoint analysis for C&I Classes 1 and
12 2 would compare the cost to a C&I Class 1 customer of 1,500 therms annually to
13 the cost to a C&I Class 2 customer of 1,500 therms annually. The cost to a C&I
14 Class 1 customer should be relatively close to the cost to a C&I Class 2 customer
15 at the breakpoint of 1,500 therms annually. Otherwise, customers with similar
16 usage would be penalized or rewarded based on whether their usage fell above
17 or below the established breakpoint. While MERC believes that breakpoints
18 should have rate continuity to the greatest extent feasible, it is not always
19 possible.

20

1 Q. CAN YOU ADDRESS THE RATE CONTINUITY AT THE BREAKPOINT
2 BETWEEN THE C&I RATE CLASSES IN MERC'S PROPOSED RATE DESIGN?

3 A. MERC's breakpoint analysis shows a relatively narrow range of variation
4 between the smaller firm classes, but the differential widens with the larger
5 volume firm classes.

6
7 Q. PLEASE GENERALLY DESCRIBE THE CONTENT OF SCHEDULE 8.

8 A. Exhibit ___ (JCHM-D), Schedule 8 is an analysis of the relative rate differentials
9 between a firm and interruptible customer under MERC's existing and proposed
10 rates. In MERC's last rate case, Docket No. G011/GR-17-563, MERC proposed,
11 and the Commission approved, significantly narrowing the differential between
12 the distribution rates for MERC's firm and interruptible service customers,
13 reducing the interruptible discount. As shown in Schedule 8, MERC has
14 continued to maintain a relatively narrow differential between its firm and
15 interruptible service rates proposed in this proceeding. A relatively narrow
16 differential continues to be appropriate because the likelihood of interruption on
17 MERC's system continues to be relatively low, and the discount for interruptible
18 service should be relatively small. In Docket No. G011/M-21-611, MERC has
19 made a proposal to implement tariff modifications that would provide for price-
20 based economic curtailments of system sales customers in the event certain
21 price triggers occur. If the Commission approves this proposal either as filed or
22 with modifications, and frequency of curtailments increase due to inclusion of
23 price-based curtailments of interruptible customers, it may be necessary and

1 appropriate to increase the discount to customers receiving that service, to
2 recognize that increased frequency of curtailments. If interruptible service is not
3 priced to recognize the heightened risk of curtailment, customers will move to
4 firm service offerings, eliminating the value interruptible customers provide.

5
6 **3. Sales Service – Interruptible**

7 Q. PLEASE DESCRIBE THE CLASSES WITHIN MERC'S INTERRUPTIBLE
8 SALES SERVICE.

9 A. MERC currently serves Interruptible Classes 1 through 5, and also three
10 Agricultural Grain Dryer classes and two Electric Generator classes.

11
12 Q. PLEASE SUMMARIZE YOUR INTERRUPTIBLE SERVICE RATE DESIGN
13 PROPOSALS.

14 A. The table below sets out the Company's existing customer charges and both
15 existing and proposed distribution rates (CIP-applicable), with comparisons to the
16 costs justified by the CCOSS.¹²

¹² See Informational Requirements Document 12, Schedule 1.2.

1

Table 5. Interruptible Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge – Existing	Monthly Customer Charge Justified by CCOSS ¹³	Distribution Charge Per Therm – Existing	Distribution Charge Per Therm – Proposed	Distribution Charge Justified by CCOSS ¹⁴
Commercial & Industrial Interruptible Class 1	0 – 1,500	\$18.00	N/A	\$0.15847	\$0.23478	N/A
Commercial & Industrial Interruptible Class 2	1,501 – 100,000	\$45.00	\$60.38	\$0.10453	\$0.14947	\$0.08357
Commercial & Industrial Interruptible Class 3	100,001 – 1,000,000	\$165.00	\$95.20	\$0.09453	\$0.11902	\$0.06709
Commercial & Industrial Interruptible Class 4	1,000,001 – 2,000,000	\$185.00	\$107.77	\$0.04823	\$0.05577	\$0.06509
Commercial & Industrial Interruptible Class 5	Greater than 2,000,000	\$360.00	N/A	\$0.03401	\$0.03497	N/A

2

3

This includes all current MERC-NNG and MERC-Consolidated customers. A

4

comparison of bills for various usage levels, including gas costs, under present

5

and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule 3, and the

6

proposed increase for an average customer is shown in Exhibit ____ (JCHM-D),

7

Schedule 6.

8

9

Q. WHAT RATES IS MERC PROPOSING FOR ITS INTERRUPTIBLE

10

AGRICULTURAL GRAIN DRYER CLASS?

11

A. The table below sets out the Company’s existing customer charges and both

12

existing and proposed distribution rates, with comparisons to the costs justified

13

by the CCOSS.¹⁵

14

¹³ Excludes Farm Tap customer classes.

¹⁴ Excludes Farm Tap customer classes.

¹⁵ See Informational Requirements Document 12, Schedule 1.2.

Table 6. Interruptible Grain Dryer Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge – Existing	Monthly Customer Charge Justified by CCOSS	Distribution Charge Per Therm – Existing	Distribution Charge Per Therm – Proposed	Distribution Charge Justified by CCOSS
Agricultural Grain Dryer Class 1	0 – 20,000	\$45.00	\$82.72	\$0.12953	\$0.19554	\$0.16254
Agricultural Grain Dryer Class 2	20,001 – 500,000	\$45.00	\$96.80	\$0.08150	\$0.11858	\$0.16663
Agricultural Grain Dryer Class 3	500,001 or more	\$165.00	N/A	\$0.05860	\$0.08526	N/A

A comparison of bills for various usage levels, including gas costs, under present and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule 3, and the proposed increase for an average customer is shown in Exhibit ____ (JCHM-D), Schedule 6.

Q. WHAT RATES IS MERC PROPOSING FOR ITS INTERRUPTIBLE ELECTRIC GENERATION CLASS?

A. The table below sets out the Company’s existing customer charges and both existing and proposed distribution rates (CIP-applicable), with comparisons to the costs justified by the CCOSS.¹⁶

Table 7. Electric Generation Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge -- Existing	Monthly Customer Charge Justified by CCOSS	Distribution Charge Per Therm -- Existing	Distribution Charge Per Therm – Proposed	Distribution Charge Justified by CCOSS
Electric Generation Class 1	0 – 500,000	\$45.00	\$59.30	\$0.09953	\$0.14146	\$0.10873
Electric Generation Class 2	500,001 or more	\$360.00	N/A	\$0.03401	\$0.03739	N/A

¹⁶ See Informational Requirements Document 12, Schedule 1.2.

1 A comparison of bills for various usage levels, including gas costs, under present
2 and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule 3, and the
3 proposed increase for an average customer is shown in Exhibit ____ (JCHM-D),
4 Schedule 6.

5

6 **4. Sales Service – Firm/Interruptible**

7 Q. PLEASE DESCRIBE THE CLASSES WITHIN MERC'S FIRM/INTERRUPTIBLE
8 SALES SERVICE.

9 A. MERC currently offers Firm/Interruptible Classes 1 through 5, and also offers
10 three Firm/Interruptible Agricultural Grain Dryer classes and two
11 Firm/Interruptible Electric Generation classes.

12

13 Q. PLEASE SUMMARIZE YOUR FIRM/INTERRUPTIBLE SERVICE RATE DESIGN
14 PROPOSALS.

15 A. The table below sets out the Company's existing customer charges and both
16 existing and proposed distribution rates (CIP-applicable), with comparisons to the
17 costs justified by the CCROSS.¹⁷

¹⁷ See Informational Requirements Document 12, Schedule 1.2.

1

Table 8. Firm/Interruptible Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge -- Existing	Monthly Customer Charge Justified by CCOSS	Firm Distribution Charge Per Therm -- Existing	Firm Distribution Charge Per Therm -- Proposed	Firm Distribution Charge Justified by CCOSS ¹⁸	Interruptible Distribution Charge Per Therm -- Existing	Interruptible Distribution Charge Per Therm -- Proposed	Interruptible Distribution Charge Justified by CCOSS
Commercial & Industrial Firm/Interruptible Class 1	0 – 1,500	\$18.00	N/A	\$0.22251	\$0.34491	N/A	\$0.15847	\$0.23478	N/A
Commercial & Industrial Firm/Interruptible Class 2	1,501 – 100,000	\$45.00	\$60.38	\$0.16857	\$0.25209	\$0.11926	\$0.10453	\$0.14947	\$0.08357
Commercial & Industrial Firm/Interruptible Class 3	100,001 – 1,000,000	\$165.00	N/A	\$0.12453	\$0.16486	N/A	\$0.09453	\$0.11902	N/A
Commercial & Industrial Firm/Interruptible Class 4	1,000,001 – 2,000,000	\$185.00	N/A	\$0.05016	\$0.05748	N/A	\$0.04823	\$0.05577	N/A
Commercial & Industrial Firm/Interruptible Class 5	Greater than 2,000,000	\$360.00	N/A	\$0.03486	\$0.03739	N/A	\$0.03401	\$0.03497	N/A
Firm/Interruptible Electric Generation Class 1	0 – 500,000	\$45.00	N/A	\$0.16357	\$0.24461	N/A	\$0.09953	\$0.14146	N/A
Firm/Interruptible Electric Generation Class 2	500,001 or more	\$360.00	N/A	\$0.03486	\$0.03739	N/A	\$0.03401	\$0.03497	N/A

2

3

This includes all current MERC-NNG and MERC-Consolidated customers. A

4

comparison of bills for various usage levels, including gas costs, under present

5

and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule 3, and the

6

proposed increase for an average customer is shown in Exhibit ____ (JCHM-D),

7

Schedule 6.

8

¹⁸ Please see the Direct Testimony of Mr. Sullivan regarding the distribution charge justified by CCOSS. What is shown here is the not the blended rate, but rather the firm and interruptible distribution charges justified by CCOSS for the respective by customer class.

1 Q. IS MERC PROPOSING ANY CHANGES TO THE FIRM/INTERRUPTIBLE
2 AGRICULTURAL GRAIN DRYER SERVICE?

3 A. Yes. MERC is proposing to remove Firm/Interruptible service for the Agricultural
4 Grain Dryer Classes 1 through 3. Agricultural Grain Dryer system sales service
5 was initially proposed as a 100% interruptible service. These customers can
6 have large loads that run seasonally. If the dryers are running during non-peak
7 summer months, MERC's system can generally maintain delivery pressure. If,
8 on the other hand, the dryers are running during peak winter months, or even
9 during late autumn months, these dryers can draw down the pressure on
10 MERC's system. To manage these operational challenges, MERC proposed,
11 and the Commission approved, the creation of the Agricultural Dryer classes,
12 with a lower priority of service, so that MERC can isolate and identify these
13 customers and curtail them as necessary to maintain system pressure without
14 affecting service to other customers.¹⁹ Therefore, MERC is proposing to modify
15 its tariffs such that Agricultural Grain Dryer service is not available on a
16 Firm/Interruptible basis.

17

18 Q. ARE THERE ANY EXISTING SYSTEM SALES AGRICULTURAL GRAIN
19 DRYER CUSTOMERS TAKING FIRM/INTERRUPTIBLE SERVICE?

20 A. No, there are no Agricultural Grain Dryer customers taking Firm/Interruptible
21 service. As stated above, the original intent was for the Agricultural Grain Dryer

¹⁹ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-17-563, Direct Testimony and Schedules of Amber Lee at 30-31 (Oct. 13, 2017).

1 service to be 100% interruptible. While MERC's tariffs unintentionally allowed
2 Agricultural Grain Dryer customers to take Firm/Interruptible service, MERC has
3 not had any requests from Agricultural Grain Dryers to take Firm/Interruptible
4 service. Therefore, MERC proposes to modify its tariffs to remove Agricultural
5 Grain Dryer Classes 1–3 from the Firm/Interruptible service.

6
7 **5. Transportation Service**

8 Q. WHAT RATES DOES MERC PROPOSE FOR TRANSPORTATION
9 CUSTOMERS?

10 A. The table below sets out the Company's existing customer charges and both
11 existing and proposed distribution rates (CIP-applicable), with comparisons to the
12 costs justified by the CCOSS.²⁰ The proposed distribution charges for customers
13 receiving transportation service are the same as the comparable sales service
14 rates. Every transportation customer is charged a \$150.00 monthly
15 administrative fee to cover the added administrative costs of providing
16 transportation service, which is included in the monthly customer charges listed
17 below.

18

²⁰ See Informational Requirements Document 12, Schedule 1.2.

1

Table 9. Transportation Rate Design

Customer Class	Therm Usage Range	Monthly Customer Charge -- Existing	Monthly Customer Charge Justified by CCOSS	Firm Distribution Charge Per Therm -- Existing	Firm Distribution Charge Per Therm -- Proposed	Firm Distribution Charge Justified by CCOSS ²¹	Interruptible Distribution Charge Per Therm -- Existing	Interruptible Distribution Charge Per Therm -- Proposed	Interruptible Distribution Charge Justified by CCOSS
Firm/Interruptible Class 1 Transport	0 – 1,500	\$168.00	N/A	\$0.22251	\$0.34491	N/A	\$0.15847	\$0.23478	N/A
Firm/Interruptible Class 2 Transport	1,501 – 100,000	\$195.00	\$184.18	\$0.16857	\$0.25209	\$0.10766	\$0.10453	\$0.14947	\$0.07197
Firm/Interruptible Class 3 Transport	100,001 – 1,000,000	\$315.00	\$218.99	\$0.12453	\$0.16486	\$0.09433	\$0.09453	\$0.11902	\$0.05549
Firm/Interruptible Class 4 Transport	1,000,001 – 2,000,000	\$335.00	\$231.57	\$0.05016	\$0.05748	\$0.09347	\$0.04823	\$0.05577	\$0.05349
Firm/Interruptible Class 5 Transport	Greater than 2,000,000	\$510.00	\$315.68	\$0.03486	\$0.03739	N/A	\$0.03401	\$0.03497	\$0.00339
Agricultural Grain Dryer Class 1 Transport	0 – 20,000	\$195.00	N/A	N/A	N/A	N/A	\$0.12953	\$0.19554	N/A
Agricultural Grain Dryer Class 2 Transport	20,001 – 500,000	\$195.00	N/A	N/A	N/A	N/A	\$0.08150	\$0.11858	N/A
Agricultural Grain Dryer Class 3 Transport	500,001 or more	\$315.00	N/A	N/A	N/A	N/A	\$0.05860	\$0.08526	N/A
Firm/Interruptible Electric Generation Class 1 Transport	0 – 500,000	\$195.00	N/A	\$0.16357	\$0.24461	N/A	\$0.09953	\$0.14146	N/A
Firm/Interruptible Electric Generation Class 2 Transport	500,001 or more	\$510.00	\$201.17	\$0.03486	\$0.03739	N/A	\$0.03401	\$0.03497	\$0.05725

2

3 A comparison of bills for various usage levels, including gas costs, under present
 4 and proposed rates is shown in Exhibit ____ (JCHM-D), Schedule 3, and the
 5 proposed increase for an average customer is shown in Exhibit ____ (JCHM-D),
 6 Schedule 6. Exhibit ____ (JCHM-D), Schedules 5 illustrates bill impacts not
 7 including gas costs.

8

²¹ Please see the Direct Testimony of Mr. Sullivan regarding the distribution charge justified by CCOSS. What is shown here is the not the blended rate, but rather the firm and interruptible distribution charges justified by CCOSS for the respective customer class.

1 Q. WHAT MONTHLY ADMINISTRATIVE CHARGE DOES MERC PROPOSE FOR
2 TRANSPORTATION CUSTOMERS?

3 A. MERC is not proposing any change to the Transportation monthly customer
4 charge. As shown in the CCROSS in Informational Requirement Document 12,
5 Schedule 1.5 transportation service does not cause a reduction in distribution
6 costs, but does result in higher customer costs. It is, therefore, appropriate to
7 reflect cost differences through the administrative charge and not to provide a
8 reduced margin.

9
10 Q. DOES THE TRANSPORTATION ADMINISTRATIVE CHARGE DIFFER BASED
11 ON CUSTOMER CLASS?

12 A. No. As discussed in MERC's rate case Docket No. G007,011/GR-08-835, the
13 transportation administration fee recovers customer-related costs that are caused
14 by a customer being on the system and are not related to the level of the
15 customer's consumption of gas.²²

16
17 Q. WHAT DID YOU CONSIDER WITH RESPECT TO THE DESIGN OF CLASS 5
18 AND ELECTRIC GENERATION CLASS 2 DISTRIBUTION RATES?

19 A. These customers represent MERC's largest-use customers. Although these
20 customers are served on MERC's distribution system, their enormous volumes
21 and proximity to an alternate supply source allow them to more easily bypass the

²² *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G007,011/GR-08-835, Rebuttal Testimony of Joylyn Hoffman Malueg (Jan. 7, 2009).

1 distribution system if MERC's rates are not competitive. For this reason, Class 5
2 and Electric Generation Class 2 rates should not be too much above incremental
3 costs.

4
5 The Commission and intervening parties have consistently acknowledged that
6 the potential loss of these customers constitutes a justifiable concern.²³ In each
7 of MERC's rate cases filed since 2008, the Commission has consistently
8 recognized these customers' sensitivity to price increases and the detrimental
9 impacts that would occur to all ratepayers if they were to bypass, and the
10 Commission has held that the potential loss of these customers constitutes
11 exigent circumstances warranting the waiver of an interim rate increase for
12 MERC's Class 5 (formerly Super Large Volume) transportation customers.

²³ See, e.g., *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-13-617, Direct Testimony of OAG Witness Vincent C. Chavez at 25-26 (Mar. 4, 2014) ("Super Large Volume Interruptible customers are the most price sensitive class and can readily bypass MERC's distribution system if the price charged for natural gas service is not competitive. To evaluate MERC's proposed rate for the SLVI classes, I reviewed the incremental cost analysis provided by MERC witness Ms. Joylyn Hoffman Malueg in MERC Exhibit ____ Volume 3, Document 12, Schedule 6 (Information Requirements). From the cost information included in Schedule 6, I conclude that MERC's proposed apportionment of revenue responsibility to the Super Large Volume customer classes is reasonable."); *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-13-617, Direct Testimony of Department Witness Susan L. Peirce at 14 (Mar. 4, 2014) ("Super Large Volume and Super Large Volume Interruptible class customers are the most sensitive to a rate increase since they can easily bypass MERC's system if the price charged for natural gas service is not competitive. To evaluate the proposed rates for the Super Large Volume class I reviewed the incremental cost analysis provided by MERC witness Ms. Joylyn Hoffman Malueg in MERC Ex. ____, Volume 3, Document 14, Schedule 6 (Hoffman Malueg Direct). I note that under my proposed apportionment of revenue the percent of total revenues apportioned to the Super Large Volume classes remains the same as proposed by MERC. From the cost information included in Schedule 6, I conclude that my proposed apportionment of revenue responsibility to the Super Large Volume customer classes is reasonable.")

1 Q. UNDER MERC'S PROPOSED RATE DESIGN, DO THE CLASS 5 AND
2 ELECTRIC GENERATION CLASS 2 CUSTOMERS COVER THE
3 INCREMENTAL COST OF SERVING THEM?

4 A. Yes, they do. Informational Requirement Document 12, Schedule 1.8, presented
5 by Mr. Sullivan, shows an incremental cost analysis for MERC's Class 5 and
6 Electric Generation Class 2 customers. As demonstrated in the analysis, the
7 proposed revenues from the Class 5 and Electric Generation Class 2 customer
8 classes are covering their incremental cost of service. Other customers on
9 MERC's system benefit if the revenue from these customers is more than their
10 incremental cost of service because these Transportation customers reduce the
11 amount of revenue that must be collected from the other customer classes
12 relative to what they would pay in the absence of the Class 5 and Electric
13 Generation Class 2 customers.

14

15 **6. Flexible Rates**

16 Q. WHAT IS THE PURPOSE OF FLEXIBLE RATES?

17 A. The purpose of the flexible, or "flex," rates is to allow a utility to reduce a rate
18 between rate cases to prevent the loss of a customer to bypass. MERC does not
19 propose any changes to the Flexible Gas Rate Rider. The tariff currently sets a
20 minimum rate of \$0.0045 per therm for gas delivered, and MERC is able to
21 negotiate an appropriate rate with the customer above that minimum to prevent
22 bypass. All other terms of the non-flexible tariff under which the customer would
23 otherwise take service continue to apply.

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Q. UNDER MERC’S PROPOSED RATE DESIGN, DO THE FLEX RATE CUSTOMERS COVER THE INCREMENTAL COST OF SERVING THEM?

A. Yes, they do. Informational Requirement Document 12, Schedule 1.8, presented by Mr. Sullivan, shows an incremental cost analysis for MERC’s Flex Rate customers. As demonstrated in the analysis, the proposed revenues from the Flex Rate customer classes are covering their incremental cost of service.

7. Transportation for Resale Rates

Q. WHAT IS THE TRANSPORTATION FOR RESALE RATE?

A. This rate meets the needs of the town of Ogilvie, Minnesota, where the distribution system is owned by Northwest Gas Company (“Northwest”). Northwest transports its gas supplies through the existing MERC system to provide service to Ogilvie.

Q. WHAT RATES DOES MERC PROPOSE FOR THE TRANSPORTATION FOR RESALE RATE?

A. The table below sets out the Company’s existing customer charge and both existing and proposed distribution rates, with comparisons to the costs justified by the CCOSS.²⁴

²⁴ See Informational Requirements Document 12, Schedule 1.2.

Table 10. Transportation for Resale Rate Design

Customer Class	Monthly Customer Charge -- Existing	Monthly Customer Charge Justified by CCOSS	Firm Distribution Charge Per Therm -- Existing	Firm Distribution Charge Per Therm -- Proposed	Firm Distribution Charge Justified by CCOSS	Interruptible Distribution Charge Per Therm – Existing	Interruptible Distribution Charge Per Therm – Proposed	Interruptible Distribution Charge Justified by CCOSS
Transportation for Resale	\$335.00	\$217.61	\$0.10614	\$0.14051	N/A	\$0.07614	\$0.08327	\$0.03853

8. Recovery of the Revenue Deficiency

Q. DO MERC’S PROPOSALS RECOVER THE \$40,322,000 REVENUE DEFICIENCY IDENTIFIED IN THE DIRECT TESTIMONY OF MR. ZGONC?

A. Yes. As reflected in Exhibit ____ (JCHM-D), Schedule 2, Summary, the total MERC revenue deficiency of \$40,322,002 is recovered from MERC customers as a whole. The proposed changes in rates are summarized in Exhibit ____ (JCHM-D), Schedule 1. The proposed net change in revenues is summarized in Exhibit ____ (JCHM-D), Schedule 2, Summary.

Q. DO EXISTING RATES RECOVER THE COST OF PROVIDING SERVICE, AND WILL THE PROPOSED RATES RECOVER THE COST OF PROVIDING SERVICE?

A. As illustrated in Table 11, below, MERC is proposing to move the Residential and Firm Class 1 customer classes closer to their cost of service. Together, these customer classes represent a large majority of MERC’s customers, so without allocating these classes their full cost of service in proposed rates, the remaining customer classes receive moderated proposed rate increases, even in the event where some customers classes show they are currently paying above their cost of service. Additionally, MERC’s proposed rate design includes those moderate

1 increases to these customers' revenue apportionments while continuing to keep
 2 a relatively narrow differential between Firm Sales and Interruptible Sales rates.
 3 Finally, MERC is proposing to move the Transport Class 5 and Electric
 4 Generation Class 2 customer classes closer to their cost of service, while
 5 remaining sensitive to the fact that these customers pose a bypass threat.

7 **Table 11. Summary of Current Revenues, Proposed Revenues,**
 8 **and Revenues Justified by CCOSS**

	Current Revenues ²⁵	Proposed Revenue	Revenue Justified by CCOSS
NNG SALES			
GS-NNG Residential Sales	211,990,264	230,672,684	242,230,973
GS-NNG Residential Farm-Tap Sales	2,382,545	2,602,429	2,004,481
GS-NNG C&I FIRM Class 1	9,169,220	9,883,217	10,008,089
GS-NNG C&I Farm-Tap Class 1	201,129	217,842	166,338
GS-NNG C&I FIRM Class 2	88,578,889	93,887,865	84,798,983
GS-NNG C&I FIRM Class 3	8,058,072	8,327,327	7,826,772
GS-NNG C&I Farm-Tap Class 2	2,765,249	2,934,600	2,417,762
GS-NNG C&I Farm-Tap Class 3	784,326	810,736	732,732
NNG C&I INT Class 2	6,525,699	6,744,337	6,318,773
NNG C&I INT Class 3	9,824,827	10,033,797	9,441,827
NNG Agriculture Grain Dryer - Class 1	723,246	760,907	772,131
NNG Agriculture Grain Dryer - Class 2	2,691,603	2,760,943	2,942,969
NNG Electric Generation - Class 1	99,470	102,389	100,569
NNG C&I Firm/Interruptible Class 2	83,505	88,433	80,334
CONSOLIDATED SALES			
GS-CONSOLIDATED Residential Sales	30,904,988	34,165,552	36,054,253
GS-CONSOLIDATED C&I FIRM Class 1	2,392,323	2,613,074	2,645,919
GS-CONSOLIDATED C&I FIRM Class 2	20,449,151	21,937,674	9,426,183
GS-CONSOLIDATED C&I FIRM Class 3	1,345,788	1,402,036	1,294,800
CONSOLIDATED C&I INT Class 2	1,242,771	1,294,484	1,193,366
CONSOLIDATED C&I INT Class 3	1,029,217	1,056,524	976,645
CONSOLIDATED C&I INT Class 4	1,657,758	1,663,912	1,683,960
CONSOLIDATED Agriculture Grain Dryer - Class 1	45,507	48,289	49,810
CONSOLIDATED Agriculture Grain Dryer - Class 2	148,519	153,263	165,231
CONSOLIDATED Electric Generation - Class 1	10,594	10,981	10,662
CONSOLIDATED C&I INT Class 2	189,069	201,734	180,516
NNG TRANSPORT			
Transport-NNG C&I FIRM Class 2	391,095	512,751	256,795
Transport-NNG C&I FIRM Class 3	798,468	992,531	575,574
Transport-NNG C&I FIRM Class 4	72,109	74,953	118,306
Transport-NNG C&I FIRM Class 5 - CIP Exempt	57,384	62,006	437,848
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	466,125	507,606	102,769
Transport-NNG C&I INT Class 2	216,824	261,892	148,351
Transport-NNG C&I INT Class 3	2,042,573	2,414,312	1,157,903
Transport-NNG C&I INT Class 4	673,642	704,234	667,830
Transport-NNG C&I INT Class 5	350,575	340,280	462,349
Transport-NNG C&I INT Class 5 - CIP Exempt	1,251,719	1,465,538	224,475
Transport-NNG Electric Generation INT Class 2	53,339	51,848	102,556
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	22,611	20,356	121,089

²⁵ Includes current GUIC and NGEP Rider revenues.

	Current Revenues ²⁵	Proposed Revenue	Revenue Justified by CCOSS
Transport-NNG C&I Firm/Interruptible Class 2	66,524	82,657	46,785
Transport-NNG C&I Firm/Interruptible Class 3	994,600	1,194,724	635,960
Transport-NNG C&I Firm/Interruptible Class 4	253,604	264,203	432,316
Transport-NNG C&I Firm/Interruptible Class 5	160,274	155,699	226,676
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	437,956	424,901	2,656,540
Transport for Resale	29,625	31,279	15,200
LVJ-NNG Flex Transport (Cust "A")	219,512	243,568	145,999
LVJ-NNG Flex Transport (Cust "F")	196,775	214,002	126,549
LVJ-NNG Flex Transport (Cust "G")	62,786	66,768	40,712
CONSOLIDATED TRANSPORT			
Transport-CONSOLIDATED C&I FIRM Class 2	351,506	456,929	234,457
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	11,522	15,749	6,891
Transport-CONSOLIDATED C&I FIRM Class 3	660,015	823,146	476,589
Transport-CONSOLIDATED C&I FIRM Class 4	83,352	86,664	137,079
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	362,203	393,761	2,986,445
Transport-CONSOLIDATED C&I INT Class 2	74,305	89,868	50,710
Transport-CONSOLIDATED C&I INT Class 3	480,550	564,532	274,549
Transport-CONSOLIDATED C&I INT Class 4	84,027	87,819	83,315
Transport-CONSOLIDATED C&I INT Class 5	177,416	172,008	240,750
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	56,597	67,062	35,676
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	89,748	87,301	553,585

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Q. PLEASE DISCUSS WHETHER MERC'S PROPOSED CHANGES IN RATES ARE SUFFICIENTLY GRADUAL TO AVOID RATE SHOCK TO CUSTOMERS.

A. With the overall revenue increase sought by MERC being 9.91 percent, the Company believes that the rate changes are gradual and will not result in rate shock. MERC is holding all existing customer charges constant such that the revenue increase is being recovered via volumetric charges. Additionally, while the Company is seeking an overall revenue increase of 9.91 percent, the proposed rate design is such that revenue increases are being held below 9.91 percent; classes with the largest revenue deficiencies are receiving larger revenue increases in comparison to classes with smaller revenue deficiencies or revenue excesses being held to smaller revenue increases.

1 Q. HAS MERC CONSIDERED THE IMPACT OF ITS PROPOSED RATE
2 STRUCTURE ON LOW-INCOME CUSTOMERS?

3 A. Yes, in developing the rate design proposal presented, MERC has considered
4 the impacts to low-income customers it serves. By holding monthly fixed charges
5 unchanged,²⁶ recovering the revenue deficiency through volumetric rates, and
6 moving Residential and small commercial customers only part of the way to their
7 current cost of service, MERC has carefully considered the impact of its rate
8 increase on lower income customers.

9
10 Additionally, as discussed in the Direct Testimony of Company witness Mr.
11 Richard Stasik, MERC has recently implemented a number of modifications to its
12 Gas Affordability Program (“GAP”) to increase awareness of and participation in
13 GAP and Low Income Home Energy Assistance (“LIHEAP”) and to reduce the
14 energy burden of low-income households. MERC also continues to exempt low-
15 income customers from the Severe Weather Cost Recovery surcharge, which
16 recovers a portion of costs related to the historic natural gas price spike caused
17 by the 2021 polar vortex in February 2021.

18

²⁶ For instance, Energy CENTS Coalition has indicated that low-income households generally consume less energy than high-income households, resulting in disproportionate impacts from fixed charges. See *In the Matter of the Application of an Application by CenterPoint Energy for Authority to Increase Natural Gas Rates in Minnesota*, Docket No. G-008/GR-08-1075, Direct Testimony of Pam Marshall at 9 (June 26, 2009) (low-income households generally consume less energy than high-income households).

1 **III. OTHER TARIFF CHANGES**

2 Q. IS MERC PROPOSING ANY OTHER CHANGES TO ITS TARIFF IN THIS
3 PROCEEDING?

4 A. Yes, MERC is proposing a number of changes to its tariffs. Beyond the impact of
5 changing its tariffs to reflect the proposed rate changes discussed above, MERC
6 is proposing to:

7 1. Update the table of contents in section 1.00 to reflect changes made to other
8 sections of the tariff book.

9 2. Revise Section 5.00 tariffs to reflect:

10 a. Currently available meter reading methods for Farm Tap customers
11 and to clarify discontinuation of Farm Tap service under conditions
12 authorized by the Commission's October 6, 2021 Order in Docket
13 No. G011/M-17-409;

14 b. Changes to tariff language regarding telemetry; and

15 c. Removal of Agricultural Grain Dryer customers from eligibility of
16 Firm/Interruptible service, as described above.

17 3. Revise Section 6.00 tariffs to reflect:

18 a. Changes to tariff language regarding telemetry;

19 b. Removal of Agricultural Grain Dryer customers from eligibility of
20 Firm/Interruptible service, as described above; and

21 c. To clarify the availability and conditions of Transportation Service.

22 4. Revise Section 7.00 tariffs to reflect:

23 a. Updating the Conservation Cost Recovery Charge;

- 1 b. Clarify tariff language regarding which customers are subject to the
2 applicable Gas Affordability Program surcharge to align with
3 MERC's current tariff nomenclature;
- 4 c. Updating the RDM tariff sheet for MERC's proposal to extend the
5 pilot;
- 6 d. Updating the GUIC Rider surcharge rates to be \$0.0000 effective
7 with interim rates; and
- 8 e. Updating the NGEP Rider surcharge rates to be \$0.0000 effective
9 with interim rates and correcting the tariff sheet header.
- 10 5. Revise Tariff Sheets in Section 8.00 to reflect:
- 11 a. Corrections to numbered tariff sections;
- 12 b. Currently available meter reading methods for Farm Tap
13 customers;
- 14 c. Updates the Guarantee of Deposits tariff sheet for MERC's
15 proposal to increase the required deposit for Residential customers,
16 as discussed in greater detail below; and
- 17 d. Clarifying the Pulse Signal Digital Service tariff.
- 18 6. Revise Tariff Sheets in in Section 9.00 to reflect:
- 19 a. The Commission's October 6, 2021 Order in Docket No. G011/M-
20 17-409 regarding availability of new service to Farm Tap
21 customers; and
- 22 b. Updating the New Area Surcharge rates to align with current rate
23 design structure.

1 7. Revise Service Agreements in Section 10.00 to reconcile those agreements
2 with the proposed changes to MERC's tariffs.

3 Each of these proposed changes is discussed below.

4

5 Q. WHAT CHANGES IS MERC PROPOSING TO SECTION 5.00 OF ITS
6 TARIFFS?

7 A. At Tariff Sheet 5.02, MERC proposes to update the meter reading language for
8 the Farm Tap customers to reference the available methods that can be used for
9 providing meter readings. With advances in technology, there are electronic
10 methods that Farm Tap customers may utilize, such as utilizing an online
11 electronic form, emailing, or telephoning to supply MERC with meter readings.
12 MERC will continue to provide Farm Tap customers with paper forms upon
13 request, but the Company is finding that the majority of Farm Tap customers
14 utilize electronic methods to supply their meter readings, with only four requests
15 from Farm Tap customers for paper forms within the past two years.

16

17 Additionally, at Tariff Sheet 5.02, MERC is clarifying the conditions under which
18 farm tap service will be discontinued based upon the Commission's October 6,
19 2021 Order in Docket No. G011/M-17-409.

20

21 At various tariff sheets throughout Section 5, MERC is updating the language
22 regarding telemetry. Historically, certain customer classes were required to have
23 telemetry in order to take service, but with advancements in metering technology,

1 telemetry equipment may no longer be required, depending on each individual
2 customer's situation and technology available to them at their premise.
3 Therefore, MERC is proposing to modify language surrounding telemetry
4 requirements.

5
6 At Tariff Sheet 5.15, the Company has incorporated language to clarify that Farm
7 Tap and Agricultural Grain Dryer customers are not eligible for firm/interruptible
8 sales service. Removal of the Agricultural Grain Dryer customers is explained
9 above in Section II.C.3. Farm tap service is a firm service. Because Farm Tap
10 customers receive service directly from the interstate pipeline, MERC does not
11 have the capability to curtail service to these customers; therefore, Farm Tap
12 customers would not have the ability to obtain firm/interruptible service from
13 MERC. This has always been the case, and the Company is adding the
14 clarifying language at Tariff Sheet 5.15.

15
16 MERC is also correcting language at Tariff Sheets 5.15 and 5.21 to state that a
17 partial curtailment means a curtailment that is effective any time after 9:00 a.m.

18
19 MERC is removing Agricultural Grain Dryer customer classes from the table on
20 Tariff Sheets 5.16 and 5.21a, as discussed above.

21

1 Q. WHAT CHANGES IS MERC PROPOSING TO SECTION 6.00,
2 TRANSPORTATION SERVICE?

3 A. First, at Tariff Sheet 6.00, MERC is clarifying who can take transportation
4 service. Historically, transportation service was available to non-general service
5 customers, which, under MERC's rate schedules prior to the 2017 Rate Case,
6 non-general service customers were non-residential customers. With the current
7 rate schedules in effect, MERC is requesting the clarifying language at Tariff
8 Sheet 6.00, which aligns with MERC's current tariff nomenclature.

9
10 Second, at Tariff Sheet 6.02, section 5.A., MERC is striking the language "as
11 necessary, to arrange interstate pipeline transportation to Company's system."
12 MERC does not arrange for interstate pipeline transportation for its transport
13 customers. Additionally, MERC is clarifying that the penalty for unauthorized use
14 of gas would apply at Section 5.E. Due to the clarifying language being added
15 and Tariff Sheet No. 6.02, the Company was required to move the remaining
16 tariff language from existing Tariff Sheet No. 6.02 for Sections F. and G. onto
17 Tariff Sheet No. 6.02a.

18
19 Q. WHAT OTHER CHANGES IS MERC PROPOSING TO SECTION 6.00,
20 TRANSPORTATION SERVICE?

21 A. Additionally, in Section 6.0, MERC is clarifying tariff language with respect to
22 Daily Balancing and Daily Scheduling Charges starting at Tariff Sheet 6.03 and
23 continuing through Tariff Sheet No. 6.04a. MERC is clarifying instances in which

1 daily balancing and scheduling charges would apply, along with clarifying that
2 Northern Border Pipeline (“NBPL”) gas flows into NNG’s pipeline and therefore
3 conducts daily balancing through NNG. Therefore, any NNG scheduling
4 charges, imbalance charges, declarations, and/or postings are applicable to
5 customers utilizing NBPL.
6

7 Q. HAS ANYTHING CHANGED WITH RESPECT TO WHEN DAILY SCHEDULING
8 PENALTY CHARGES APPLY, OR WITH RESPECT TO THE SITUATION OF
9 GAS FLOWING FROM NBPL INTO NNG’S PIPELINE THAT IS CAUSING
10 THESE CLARIFYING TARIFF REVISIONS?

11 A. No, MERC is being proactive in clarifying tariff language for instances in which
12 customers may see charges. NBPL has always flowed gas through NNG
13 pipeline.
14

15 Q. WHAT OTHER CHANGES IS MERC PROPOSING TO TARIFF SHEET 6.04
16 TRANSPORTATION SERVICE?

17 A. At Tariff Sheet 6.04, MERC is proposing to clarify the NNG Scheduling Charges
18 applicable on System Overrun Limitation (“SOL”) Days, System Underrun
19 Limitation (“SUL”) Days, and Critical Days. MERC has included language and
20 charges consistent with NNG’s current FERC tariffs to provide clarity on
21 applicable charges and their computations. Additionally, as a result of the
22 additional clarifying language, some of the existing language on Tariff Sheet 6.04
23 needed to be moved to Tariff Sheet 6.04a.

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Q. IS MERC PROPOSING ANY OTHER CHANGES TO TRANSPORTATION SERVICE?

A. Yes, MERC is removing the imbalance to storage option for transport customers at Tariff Sheet 6.06. MERC does not have title to Transportation customers' or Marketers' gas to transport gas to storage, nor does MERC have assets reserved for these customers to do so. It would be burdensome for MERC to facilitate this type of transaction occur, and the Company has not had any requests from customers for this option. For these reasons, MERC is proposing that the language be removed.

Q. WHAT CHANGES IS MERC PROPOSING TO ITS FLEXIBLE RATE TARIFF?

A. MERC is proposing minor clarifications to its Flexible Rate tariff in Sheet 6.30 regarding applicable firm rates for flexible rate customers.

Q. WHAT CHANGES ARE YOU PROPOSING TO TRANSPORTATION FOR RESALE SERVICE?

A. While MERC is not proposing any substantive modifications to Tariff Sheet 6.40, Transportation for Resale, it is incorporating minor cleanup of outdated tariff language that pertains to the rate structure that was applicable prior to the 2017 Rate Case.

1 Q. WHAT CHANGES IS MERC PROPOSING TO SECTION 7.00?

2 A. MERC is proposing a number of changes to Section 7.00. First, MERC is
3 updating the Conservation Cost Recovery Charge at Sheet No. 7.02 to reflect
4 recovery as discussed by Mr. Zgonc in his Direct Testimony. Second, at Tariff
5 Sheet No. 7.11, MERC is including clarifying language regarding which
6 customers Gas Affordability Program costs are recovered from to align with
7 MERC's current tariff nomenclature.

8
9 Third, as discussed in more detail below in Section VI, MERC is requesting that
10 the RDM pilot program be extended for another three years. At Tariff Sheet Nos.
11 7.17–7.19, MERC incorporates minor cleanup, references to updated docket
12 numbers and reporting practices, and shows the proposed extension of the RDM
13 pilot.

14
15 Fourth, as detailed by Mr. Zgonc, and as noted earlier in my Direct Testimony,
16 MERC is proposing to roll the GUIC and NGEF Riders into base rates effective
17 with interim rates and set the GUIC and NGEF Rider surcharges to \$0.00000.
18 Therefore MERC is modifying Tariff Sheet Nos. 7.20–7.24 to reflect the
19 \$0.0000/therm surcharge rates for the GUIC and NGEF Riders, and to update
20 tariff language with respect to the Rider Reconciliation in the context of a general
21 rate case filing and incorporation into base rates.

22

1 Q. WHAT DEFINITIONS IS MERC PROPOSING TO REVISE IN SECTION 8.00 OF
2 ITS TARIFFS?

3 A. On Sheet Nos. 8.00–8.02, MERC is proposing to add the definition of System
4 Sales Service, and modify the definitions of Firm/Interruptible Service, General
5 Service, and Transportation Service for clarity. Additionally, the Company is
6 making corrections to the labeling in the Definitions of Section 8.00

7
8 Q. WHAT ADDITIONAL CHANGES IS MERC PROPOSING IN SECTION 8.00?

9 A. At Tariff Sheet 8.10, MERC is updating the meter reading language for the Farm
10 Tap sales customers, and customers who request that no actual reads be taken,
11 to reference the available methods that can be used for supplying meter readings
12 for the same reasons previously discussed.

13
14 Q. WHAT CHANGES IS MERC PROPOSING IN SECTION 8.00 WITH REGARDS
15 TO CUSTOMER DEPOSITS?

16 A. At Tariff Sheet 8.15, MERC is proposing to increase the maximum deposit that
17 can be charged to residential customers from one month's average usage to two
18 month's average usage.

19
20 Q. DOES THE COMPANY CURRENTLY COLLECT DEPOSITS FROM
21 RESIDENTIAL CUSTOMERS?

22 A. No. As discussed by the Company in its 2021 Annual Service Quality report in
23 Docket No. G011/M-22-219, MERC has not collected deposits from residential

1 customers since prior to 2017. While that has been the Company's recent
2 practice, current Company Tariff Sheets and Minnesota Rules do not preclude
3 MERC from seeking collection of guarantee deposits from residential customers.
4 Therefore the Company is requesting to update Tariff Sheet No. 8.15 to reflect
5 the results of the current analysis on customer deposits as shown in Table 12.

6
7 Table 12 below provides the residential customer's average annual bill amount,
8 current deposit computation, proposed deposit computation, and average
9 residential customer arrearage amount in the months of March and August for
10 years 2019–2022. Historically, MERC has been severely under-secured with the
11 current deposit calculation method. As shown in Table 12, a residential customer
12 deposit based upon one month's usage does not adequately cover the average
13 residential customers' arrearage balance: from 2019 to 2021, a deposit amount
14 based upon one month's usage covered only 30% to 52% of customer
15 arrearages. Changing the current deposit calculation method to collect a
16 residential deposit in the amount of two month's usage would allow the Company
17 to secure 60%–100% of average residential customer arrears based on 2019 to
18 2021 values. Given average residential arrears in 2022, MERC expects that
19 collection of residential deposits of up to two month's average usage would
20 provide adequately security collection of average arrearage amounts.

21

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Table 12. Analysis of Residential Customer Deposit Computation

Year	Average Annual Bill (\$)	Current Deposit Computation – one month’s usage (1/12th of annual consumption)	Proposed Deposit Computation – two month’s usage (1/6th of annual consumption)
2019	\$875	\$73	\$146
2020	\$706	\$59	\$118
2021	\$722	\$60	\$120
Month/Year			
Average Arrears			
March - 2019	\$205		
Aug - 2019	\$139		
March - 2020	\$152		
Aug - 2020	\$156		
March - 2021	\$279		
Aug - 2021	\$218		
March - 2022	\$336		
Aug - 2022	\$211		

2

3 Q. WHAT STEPS HAS THE COMPANY TAKEN TO ENSURE LOW-INCOME
 4 CUSTOMERS ARE NOT ADVERSELY AFFECTED BY THE PROPOSED
 5 MODIFICATION FOR CUSTOMER DEPOSITS?

6 A. MERC does not require deposits of low-income customers, including customers
 7 who receive Low Income Home Energy Assistance and customers who are
 8 income qualified to receive Cold Weather Rule protection. As a result, residential
 9 customers who are struggling to afford their energy bills are protected from
 10 having to pay a deposit for natural gas service.

11

1 Q. WHAT ADDITIONAL CHANGES IS MERC PROPOSING TO SECTION 8.00?

2 A. Lastly, MERC is conducting clarifications to the Pulse Signal Digital Service Tariff
3 Sheet Nos. 8.44–8.46 to update the language regarding telemetry and telephone
4 line requirements due to advancements in technology, as discussed earlier.

5
6 Q. IS MERC PROPOSING ANY CHANGES WITH RESPECT TO ITS ANNUAL
7 REVIEW OF CUSTOMER CLASSIFICATIONS, AS SET FORTH IN TARIFF
8 SHEET NO. 8.39?

9 A. MERC is not proposing any changes to the tariff provisions in Section 8.39
10 regarding annual review of customer classifications. However, MERC proposes
11 to terminate the annual compliance requirement established in Docket No.
12 G011/GR-17-563 for the Company to file, by March 31 of each year, details
13 regarding the number of customers reassigned to different classes, their original
14 class, and the class to which they were moved; the number of customers with
15 usage falling within the 10-percent usage band that did not warrant
16 reassignment; descriptions summarizing customer complaints regarding class
17 reassignments; and addressing compliance with Minn. R. 7820.4000, the natural
18 gas billing errors rule. In Docket No. G011/GR-17-563, MERC established a
19 tariffed process for annual review of customer usage to ensure customers remain
20 in the correct class based on their usage. Since the Commission established the
21 annual compliance filing, the Company has submitted four annual compliance
22 filings in accordance with the requirements set forth by the Commission. No
23 party has provided comments on those filings and no additional action has been

1 taken with respect to the information provided. In each of the annual reviews
2 conducted for the 2020, 2021, and 2022, less than 0.5% of MERC customers
3 were impacted by class reassignments, and 0.2% of MERC customers fall within
4 the 10-percent usage band. These percentages show customers are placed on
5 the proper rate schedules.

6
7 MERC proposes to continue its annual review process in accordance with Tariff
8 Sheet No. 8.39 but requests approval to terminate the annual compliance filing.

9
10 Q. WHAT CHANGES IS MERC PROPOSING TO SECTION 9.00?

11 A. First, in accordance with the Commission's October 6, 2021 Order in Docket No.
12 G011/M-17-409, MERC has made changes to Tariff Sheet Nos. 9.01–9.03. In
13 accordance with the Commission's Order, MERC is closing new service to Farm
14 Tap customers seeking service under their NNG easement agreement for the
15 first time, as well as to inactive farm tap customers seeking to reactivate service.
16 In Docket No. G011/M-17-409, NNG documented that no new Farm Tap
17 customers have sought service in the past five years and the Commission
18 determined that closing service to new Farm Tap customers is unlikely to result
19 in any practical hardships for would-be customers. Additionally, in Docket No.
20 G011/M-17-409, the Commission approved MERC's proposal to close service to
21 inactive Farm Tap customers²⁷ seeking to re-activate service, which avoids

²⁷ An inactive farm tap customer is defined as a farm tap customer with no natural gas usage recorded for 12 consecutive months. MERC notes that in accordance with the Commission's Order in Docket No. G011/M-17-409, the Company provided notice to all farm tap customers in April 2022 regarding the

1 increasing the scope of issues to be addressed during the Farm Tap
2 Replacement Project.

3

4 Q. WHAT CHANGES IS MERC PROPOSING TO SECTION 9.00 REGARDING
5 NEW AREA SURCHARGES (“NAS”)?

6 A. MERC is proposing to revise the customer class mapping to the Commission-
7 approved NAS rates, as shown in Tariff Sheet Nos. 9.17–9.20, to accurately
8 reflect the mapping of rate classes from MERC’s originally approved NAS rates
9 for MERC’s current customer classes.

10

11 Q. ARE ANY CURRENT CUSTOMERS RECEIVING SERVICE IN ONE OF THE
12 NAS PROJECT AREAS IMPACTED BY THE PROPOSED CHANGES AT
13 TARIFF SHEET NOS. 9.17–9.20?

14 A. No. The changes proposed by the Company at Tariff Sheet Nos. 9.17–9.20
15 would impact Interruptible Class 1–Class 3, Firm Class 3, and Farm Tap Class 3
16 customers in the New Area Surcharge areas of Ely Lake, Detroit Lakes-Long
17 Lake, Fayal Township, Esko, Balaton, and Pengilly, and there are currently no
18 Interruptible Class 1–Class 3, Firm Class 3, or Farm Tap Class 3 customers
19 taking service in these New Area Surcharge areas.

20

Commission’s Order, definition of inactive, and approval that farm tap service will be suspended for any inactive customers.

1 Q. WHY IS THE COMPANY PROPOSING TO MAKE THE PROPOSED CHANGES
2 AT TARIFF SHEET NOS. 9.17–9.20?

3 A. The current rate design for the New Area Surcharges in Tariff Sheet Nos. 9.17–
4 9.20 does not align with MERC’s rate classes as approved in the Company’s
5 2017 Rate Case. Therefore, the Company is proposing the changes at Tariff
6 Sheet Nos. 9.17–9.20 in order to align the Company’s current rate design and
7 customer class structure. For example, under current NAS rate design for Ely
8 Lake, a Firm Class 2 customer would pay a NAS of \$120.55 and an Interruptible
9 Class 2 customer would pay a NAS of \$442.03.²⁸ This does not align with
10 MERC’s existing rate design structure where Firm Class 2 and Interruptible Class
11 2 customers pay the same fixed customer charge, and similar distribution
12 charges, with the firm customer paying a slightly higher distribution charge due to
13 receiving firm service.

14
15 Q. DO THE CHANGES PROPOSED AT TARIFF SHEET NOS. 9.17–9.20
16 REQUIRE RECALCULATION OF ANY OF THE NEW AREA SURCHARGE
17 REVENUE REQUIREMENT MODELS, AS DEFINED AT TARIFF SHEET NOS.
18 9.14–9.17?

19 A. No. When applying to the Commission for the New Area Surcharges at Tariff
20 Sheet Nos. 9.17 – 9.20, and computing the Revenue Requirements Models, as
21 defined at Tariff Sheet Nos. 9.14–9.17, MERC did not forecast providing new

²⁸ As noted earlier, the Company does not currently have Interruptible Class 1–Class 3, Firm Class 3, or Farm Tap Class 3 customers taking service in the NAS areas. This example provides a hypothetical as if there were Interruptible Class 2 customers in the Ely Lake NAS.

1 service to any Interruptible Class 1–Class 3, Firm Class 3, or Farm Tap Class 3
2 customers in the New Area Surcharge areas. Therefore, these tariff
3 modifications will not affect the forecasted NAS rates or revenues and do not
4 require a recalculation of applicable rates. Instead, as noted above, the changes
5 simply correct for the mapping of the Commission-approved NAS rates to the
6 customer classes approved in MERC’s last rate case.

7
8 **IV. NGEF AND GUIC RIDER TRANSITION TO PROPOSED RATES**

9 Q. WHAT DO YOU ADDRESS IN THIS SECTION OF YOUR TESTIMONY?

10 A. In this section of my testimony, I discuss MERC’s proposal to set the GUIC and
11 NGEF Rider surcharges to \$0.00000 in this rate case, with recovery of the
12 associated costs through base rates in this case. I also discuss the customer
13 class impacts of transitioning cost recovery from the NGEF and GUIC Riders
14 (with the rate design approved in those proceedings) to base rates in this case.
15 Mr. Zgonc describes MERC’s proposal to roll the NGEF and GUIC costs into
16 base rates in this case, including how the Company is proposing to address the
17 remaining true-up balances related to its GUIC and NGEF Riders.

18
19 Q. WHAT IS THE CURRENT STATUS OF COSTS APPROVED FOR RECOVERY
20 IN MERC’S GUIC AND NGEF RIDERS?

21 A. In Docket No. G-011/M-20-405, the Commission approved the Company’s
22 proposed 2021 GUIC Rider revenue requirement and surcharge rates and
23 accepted MERC’s 2019 GUIC Rider true-up with modifications, by order dated

1 November 4, 2021. MERC implemented the approved 2021 surcharge rates
2 effective December 1, 2021. The Company has since filed petitions for approval
3 of its proposed 2022 GUIC revenue requirement and 2020 GUIC Rider true-up
4 report (Docket No. G011/M-21-232) and proposed 2023 GUIC revenue
5 requirement and 2021 GUIC Rider true-up report (Docket No. G011/M-22-127).
6 However, at the time of this filing, the Commission had not yet taken action on
7 MERC's 2022 and 2023 GUIC petitions. As a result, the approved 2021 GUIC
8 Rider surcharge rates have remained in effect since December 2021.

9
10 In Docket No. G011/M-20-420, the Commission approved the Company's
11 proposed 2021 NGEF Rider revenue requirement and surcharge rates and
12 accepted MERC's 2019 NGEF Rider true-up with modifications, by order dated
13 July 15, 2021. MERC implemented the approved 2021 surcharge rates effective
14 August 1, 2021. The Company since filed its petition for approval of its proposed
15 2022 NGEF revenue requirement and 2020 NGEF Rider true-up report (Docket
16 No. G011/M-21-271). However, at the time of this filing, the Commission had not
17 taken action on MERC's 2022 petition. As a result, the approved 2021 NGEF
18 Rider surcharge rates have remained in effect since August 2021. The
19 Commission did approve MERC's 2023 NGEF revenue requirement and 2021
20 NGEF Rider true-up report in Docket No. G011/M-22-195 by order dated July 20,
21 2022 with updated surcharges approved effective January 1, 2023.

22

1 With this general rate case filing, MERC is proposing to withdraw its 2023 GUIC
2 Rider petition and not to implement its approved 2023 NGEF Rider, effective
3 upon approval of interim rates, at which time the Company proposes to set the
4 applicable GUIC and NGEF Rider surcharge rates to \$0.00000. Additional
5 details regarding the transition of the GUIC and NGEF Riders to base rates in
6 this case are discussed by Mr. Zgonc.

7
8 Q. HOW WILL MERC'S PROPOSED NGEF AND GUIC RIDER ROLL-IN AFFECT
9 CURRENT NGEF AND GUIC RIDER SURCHARGES?

10 A. Effective with interim rates January 1, 2023, MERC proposes to set both the
11 NGEF and GUIC Rider surcharge rates for all customer classes to \$0.00000. As
12 a result, customers will no longer be surcharged through the NGEF or GUIC
13 Rider effective January 1, 2023. As described by Mr. Zgonc, MERC will
14 transition the GUIC and NGEF Riders to base rates with interim rates.

15
16 Q. HOW DOES TRANSITIONING RECOVERY OF GUIC AND NGEF PROJECT
17 COSTS TO BASE RATES IMPACT CUSTOMER BILLS?

18 A. By transitioning the existing rider recovery mechanisms to base rate recovery,
19 these costs will be recovered through MERC's base rates rather than the
20 applicable NGEF and GUIC Rider surcharge rates. Customers have been
21 paying for the NGEF and GUIC costs through the NGEF and GUIC Riders, so
22 the portion of MERC's base rate increase associated with the rider roll-ins does
23 not increase customers' overall bills.

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V. LEAD/LAG STUDY

Q. WHAT DO YOU ADDRESS IN THIS SECTION OF YOUR TESTIMONY?

A. In this section of my testimony, I discuss MERC's lead/lag study which is included as Exhibit ____ (JCHM-D), Schedule 11 to my Direct Testimony and which was undertaken in compliance with the Commission's June 14, 1982 Statement of Policy on Cash Working Capital and the Commission's Findings of Fact, Conclusions, and Order in Docket No. G011/M-13-617, which required that the Company base its cash working capital on number of days rather than percentages.

Q. WHAT IS THE PURPOSE OF A LEAD/LAG STUDY?

A. A lead/lag study is performed to determine the cash working capital component of working capital. The remaining components of working capital are the investments in materials and supplies, natural gas storage, payments, regulatory assets and liabilities, and associated deferred taxes which are determined by generally accepted regulatory methods.

A lead/lag study measures the differences in time frames between (1) the time that service is rendered until the revenues for that service are received (lead), and (2) the time that labor, materials, or services are used in providing service until expenditures for such items are made (lag). Each major category of expense and its applicable lag days are compared to the calculated revenue lead

1 days. The difference between these periods, expressed in terms of days,
2 multiplied by the average daily operating expenses, produces the cash working
3 capital required, or available, for those operating expenses.

4
5 Q. WHAT ARE THE COMPONENTS OF A LEAD/LAG STUDY?

6 A. The lead/lag study compiles and analyzes revenues collected and expenses paid
7 to determine the lead or lag days. This study analyzed the following major
8 classifications:

9 Lead Time for Revenues Collected

- 10 1. The Service to Meter Reading Period
11 2. The Meter Reading to Billing Period
12 3. The Billing to Collection Period

13
14 Lag Time for Expenses Paid

- 15 1. Purchased Gas Expense
16 2. Payroll Expense
17 3. Payroll Tax Expense
18 4. Incentive Plan
19 5. Expenses Paid back to Subsidiaries
20 6. Other Operations and Maintenance ("O&M") Expenses

21

1 Q. HOW WERE THE REVENUE LEAD PORTIONS OF THE STUDY
2 DETERMINED?

3 A. I analyzed the lead time for revenues collected by analyzing three separate time
4 periods:

- 5 1. The Service to Meter Reading Period
- 6 2. The Meter Reading to Billing Period
- 7 3. The Billing to Collection Period

8
9 Q. HOW DID YOU CALCULATE THE LEAD TIME FOR THE METERING PERIOD?

10 A. Meters are read and bills are computed on a monthly basis. Therefore, the
11 number of days between initially providing service to a customer during any
12 billing period and the date of reading the customer's meter is an average of 30.4
13 days.

14
15
$$365 \text{ days in } 2023 / 12 \text{ months} = 30.4 \text{ days.}$$

16
17 This means that MERC incurs expenses associated with that customer for 30.4
18 days before the customer's meter is read. Since a lead/lag study computation is
19 on an average basis, the average number of days would be approximately one-
20 half of the 30.4 days or 15.2 days, which represents the midpoint of the metering
21 cycle.

22

1 Q. HOW DID YOU CALCULATE THE LEAD TIME FOR THE BILLING PERIOD?

2 A. For non-transport customers, approximately 90% of meters are read on day one,
3 and on day two, the data is FTP'd to US Bank, where the bill is printed and
4 mailed. For the remaining 10% of meters, the meters are read by day four, and
5 on day five, the data is FTP'd to US Bank, where the bill is printed and mailed.
6 The average of the lead time for non-transport customers billing is 2.3 days.

7

8 $(90\% \times (1 \text{ day} + 1 \text{ day})) + (10\% \times (4 \text{ days} + 1 \text{ day})) = 2.3 \text{ days.}$

9

10 For transport customers, approximately 90% of meters are read on day one, and
11 the remaining 10% of meters are read by day 8. For those transport customer
12 meters read on day one, MERC must wait until the revenue period close before
13 FTP'ing the data to US Bank, which occurs on day four. As with non-transport
14 customers, the process of FTP'ing transport bills to US Bank, where the bill is
15 printed and mail, consists of one day. The average of the lead time for transport
16 customers billing is 5.4 days.

17

18 $(90\% \times (4 \text{ days} + 1 \text{ day})) + (10\% \times (8 \text{ days} + 1 \text{ day})) = 5.4 \text{ days.}$

19

20 A weighted average based on revenues of transport versus non-transport was
21 used to calculate the number of days. The result was 2.4 days.²⁹

22

²⁹ See Exhibit ____ (JCHM-D), Schedule 11, page 2.

1 Q. HOW DID YOU CALCULATE THE LEAD TIME FOR THE COLLECTION
2 PERIOD?

3 A. The lead time for the collection period was calculated by summing the 2021 daily
4 accounts receivable balances then dividing that amount by the 2021 tariff
5 revenues. The result was 25.0 days.³⁰

6
7 Q. WHAT IS THE OVERALL REVENUE LEAD TIME CALCULATED BY YOUR
8 STUDY?

9 A. The overall lead sums to a period of 42.7 days as shown on Exhibit ____ (JCHM-
10 D), Schedule 11, page 1.

11
12 Q. HOW WERE THE EXPENSE LAG PORTIONS OF THE STUDY DETERMINED?

13 A. I analyzed the lag time for expenses paid by analyzing six separate expense
14 components: purchased gas, payroll expense, payroll tax expense, incentive
15 plan, expenses paid to affiliates, and other O&M expenses. I describe how I
16 analyzed each of the six components below.

17
18 Q. HOW DID YOU DETERMINE THE EXPENSE LAG FOR PURCHASED GAS?

19 A. In order to calculate the lag time between the date of receipt to the date of
20 payment, the receipt date must first be determined. Gas is received from the
21 supplier during the entire month; consequently, it is appropriate to use an
22 average number for the receipt date. For this lag study, an average of 15.2 days

³⁰ See Exhibit ____ (JCHM-D), Schedule 11, page 3.

1 was used to represent the number of days between gas receipt date and month
2 end, as shown below:

3

4 $365 \text{ days} / 12 \text{ months} = 30.4 \text{ days per month}$

5 $30.4 \text{ days per month} / 2 = \text{average of } 15.2 \text{ days}$

6

7 Payment for purchased gas is due the 25th of the following month. Therefore, the
8 entire lag time is 40.2 days.

9

10 Q. HOW DID YOU DETERMINE THE EXPENSE LAG FOR PAYROLL?

11 A. Employees are paid bi-weekly (every other Friday), for a total of 26 pay periods
12 in a year. The average lag time is calculated as follows:

13

14 $365 \text{ days in a year} / 26 \text{ pay periods} = 14.0 \text{ days}$

15

16 The average lag time would be one-half of the 14.0 days, or 7.0 days, plus an
17 additional 6 days to represent the time between the end of the payroll period and
18 when the actual paycheck is issued to the employees, for a total of 13.0 days.

19

20 Q. HOW DID YOU DETERMINE THE LAG FOR PAYROLL TAX EXPENSE?

21 A. Payroll taxes are paid the day after the employees are paid. Therefore, the lag
22 time on payroll tax expense is 14.0 days (13.0 days from the payroll expense
23 plus 1.0 day).

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Q. HOW DID YOU DETERMINE THE LAG FOR INCENTIVE PLAN EXPENSE?

A. The corporate incentive plan is assumed to be accrued evenly throughout the year, and is typically paid out in the last paycheck of February of the following year:

(365 days in a year / 2 = 182.5 average days) + 55 days until February 24, 2023, when the incentive would actually be paid, for a total of 237.5 days.

Q. HOW DID YOU DETERMINE THE EXPENSE LAG FOR PAYMENTS BACK TO AFFILIATES?

A. In order to calculate the lag time between the date of receipt to the date of payment, the receipt date must first be determined. Services from WBS, expenses from other affiliates, and interest expense are received during the entire month. Consequently, it is appropriate to use an average number for the receipt date. For this lag study, an average of 15.2 days was used to represent the number of days between the service date and month end.

$$365 \text{ days} / 12 \text{ months} = 30.4 \text{ days per month}$$

$$30.4 \text{ days per month} / 2 = \text{average of } 15.2 \text{ days}$$

Payment back to affiliates for services occurs on the 15th of the following month. Therefore, the entire lag time is 30.2 days.

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Q. HOW DID YOU DETERMINE THE EXPENSE LAG FOR OTHER O&M EXPENSES?

A. Typical outstanding terms for invoices are net 30 days; therefore, 30 days was the expense lag used for this portion of the lag study.

Q. ARE THE METHODS YOU DESCRIBED ABOVE CONSISTENT WITH THE COMMISSION'S CASH WORKING CAPITAL POLICY?

A. Yes. My study separates expenses into components that have similar characteristics and payment patterns, as endorsed in the Commission's cash working capital policy.

Q. PLEASE DESCRIBE EXHIBIT ____ (JCHM-D), SCHEDULE 11, PAGE 4.

A. Exhibit ____ (JCHM-D), Schedule 11, page 4 shows the percentage of federal income tax and state income tax available as working capital.

Q. PLEASE DESCRIBE EXHIBIT ____ (JCHM-D), SCHEDULE 11, PAGE 5.

A. Exhibit ____ (JCHM-D), Schedule 11, page 5 calculates the lead/lag timing of each expense classification by comparing the lead time of revenues to the lag time of payments of the expenses.

1 Property taxes are assumed to be incurred linearly throughout the test year for
2 an average of 182.5 days (365/2), and paid on May 31, for an additional 151
3 days, for a total lag time of 333.5 days.

4
5 The lead/lag calculation of state and federal income taxes are calculated
6 assuming a rate increase.

7
8 Q. WHY ARE THE TAXES IN THE LEAD/LAG STUDY GREATER THAN THE
9 TAXES ON INFORMATIONAL REQUIREMENTS DOCUMENT 8?

10 A. When accumulating data for MERC's proposed test year, I included a proposed
11 rate increase. The taxes calculated on the rate increase amount were used in
12 the lead/lag study. However, on Informational Requirements Document 8, taxes
13 were calculated without any rate increase assumed, which resulted in a lower tax
14 amount.

15
16 Q. IS IT APPROPRIATE TO USE THIS HIGHER LEVEL OF TAXES IN THE
17 LEAD/LAG STUDY?

18 A. Yes. This higher tax level is more representative of what the taxes will be after
19 rate relief is obtained, and therefore derives a more realistic working capital cash
20 deficit via the lead/lag study.

21

1 Q. PLEASE SUMMARIZE THE RESULTS OF YOUR LEAD/LAG STUDY.

2 A. Exhibit ____ (JCHM-D), Schedule 11, page 1 summarizes the lead time and lag
3 time found for the revenue and expense parts of my study. Exhibit ____ (JCHM-
4 D), Schedule 11, page 5 shows the resulting calculation of net cash working
5 capital that is included in MERC's proposed rate base for the test year.

6

7 Q. WHAT IS INDICATED BY THE NEGATIVE CASH WORKING CAPITAL
8 AMOUNT?

9 A. Negative cash working capital indicates that revenues are being collected prior to
10 the date when the associated costs of service are being paid. This means that,
11 on average, cash working capital is being provided by MERC's customers.
12 When negative cash working capital exists, it is subtracted from rate base so that
13 MERC does not receive a return on the funds provided.

14

15 Q. IN YOUR OPINION, DOES THE LEAD/LAG STUDY PROVIDE A REASONABLE
16 BASIS FOR ESTABLISHING RATES IN THIS CASE?

17 A. Yes. MERC's 2018 forecasted cash working capital balance from the 2017 Rate
18 Case was (\$6,024,724) compared to the working capital balance calculated in
19 the lead/lag study of (\$9,198,000). The change in the 2023 cash working capital
20 is reflective of the net increase attributable to increases in both Purchase Gas
21 Expense and Property Taxes.

22

1 Q. IN DOCKET NO. G011/GR-13-617, THE COMMISSION ORDERED THAT A
2 RECONCILIATION OF EXPENSES IN THE CASH WORKING CAPITAL TO
3 THE EXPENSES IN MERC'S TEST YEAR INCOME STATEMENT SHOULD BE
4 PERFORMED, AND THAT THE CASH WORKING CAPITAL SCHEDULE
5 SHOULD BE BASED ON THE NUMBER OF DAYS RATHER THAN
6 PERCENTAGES. HAS MERC COMPLIED WITH THESE REQUIREMENTS?

7 A. Yes. As seen on Page 5 of Exhibit ____ (JCHM-D), Schedule 11, MERC has
8 added a reconciliation section from lines 13 to 19 for all expenses exclusive of
9 income taxes. As described above, the income taxes used in the lead/lag study
10 already assume a rate increase to more appropriately reflect what MERC
11 proposes for the 2023 test year. In addition, MERC used a percentage basis for
12 the tax items, and as can be seen on Page 5 of Exhibit ____ (JCHM-D), Schedule
13 11, all calculations of the lead/lag study have been adjusted to be based off of
14 number of days. This result is consistent with the Commission's October 28,
15 2014 Findings of Fact, Conclusions, and Order in Docket No. G011/GR-13-617.

16

17

VI. DECOUPLING

18 Q. WHAT ISSUES DO YOU ADDRESS WITH RESPECT TO MERC'S REVENUE
19 DECOUPLING MECHANISM?

20 A. My testimony provides an overview of the current status and performance of
21 MERC's revenue decoupling mechanism and MERC's recommendations
22 regarding continuation of its decoupling pilot for an additional three years.
23 Additionally, I address compliance with the Commission's Findings of Fact,

1 Conclusions, and Order, Order Point 32, in Docket No. G011/GR-17-563, which
2 required that MERC provide an updated analysis of the impact on customers of
3 extending revenue decoupling to all of MERC's customer classes with 50 or more
4 customers when MERC files its next rate case.

5
6 Q. WHAT IS THE CURRENT STATUS OF MERC'S REVENUE DECOUPLING
7 MECHANISM?

8 A. MERC's current revenue decoupling mechanism was originally approved as a
9 three-year pilot program in the Company's 2010 rate case in Docket No.
10 G007,011/GR-10-977.³¹ In that case, the Commission authorized MERC to
11 conduct a full decoupling program on a pilot basis for three years under Minn.
12 Stat. § 216B.2412, subd. 1. The pilot revenue decoupling program became
13 effective on January 1, 2013, and was scheduled to end on December 31, 2015.
14 On August 11, 2015, as part of the second annual evaluation of the pilot
15 program, the Commission extended MERC's decoupling pilot until such time as
16 the Commission makes a determination as to its permanence.³² The
17 Commission also ordered MERC to propose to extend revenue decoupling to all
18 of its customer classes in its next rate case or explain why including these
19 customers is not in the public interest. In the Company's last rate case (Docket
20 No. G011/GR-17-563), the Commission extended MERC's pilot revenue

³¹ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. In Minn.*, Docket No. G007,011/GR-10-977, Findings of Fact, Conclusions, and Order at 50-51 (July 13, 2012).

³² *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. In Minn.*, Docket No. G007,011/GR-10-977, Order (Aug. 11, 2015).

1 decoupling program for another three years with removal of General Service
2 Small C&I customers from the program, and with no change to the symmetrical
3 ten percent cap. Most recently, in Docket No. G011/M-22-260, the Commission
4 approved extension of MERC's revenue decoupling mechanism ("RDM") through
5 the completion of the Company's next rate case, or through 2025 if MERC's next
6 rate case proceeding is not completed by that time.³³

7
8 Q. PLEASE DESCRIBE HOW MERC'S RDM OPERATES.

9 A. MERC's current program is a "full" RDM applicable to the Residential class that is
10 designed to separate (decouple) MERC's revenues from the volume of gas it
11 sells, thereby removing the financial disincentive for MERC to promote energy
12 efficiency while allowing MERC the opportunity to collect its approved revenue
13 requirement. The RDM adjustment is calculated annually based on the class
14 revenue requirements after removing the fixed charge portion and CCRC
15 revenues from the final revenue apportioned to the customer class, based on
16 actual customer counts. The RDM is calculated to adjust on a per-customer
17 basis for sales volumes that are above or below the approved sales levels for the
18 Residential rate group (composed of the applicable Residential rate classes), that
19 is used to determine the volumetric distribution charges approved by the
20 Commission.

21

³³ *In the Matter of Minn. Energy Res. Corp's. 2021 Revenue Decoupling Mechanism Adjustment*, Docket No. G011/M-22-260, Order (Aug. 31, 2022).

1 By prior agreement of the Department and MERC and following Commission
2 approval, MERC's decoupling program includes a ten percent symmetrical cap
3 that limits any refunds or surcharges to ten percent of the authorized distribution
4 revenue less CCRC charges on refunds and surcharges generated through the
5 RDM. In the Company's 2017 Rate Case, after evaluating a number of
6 alternatives including 8 and 10 percent symmetrical and asymmetrical caps, the
7 Department agreed it was reasonable for MERC's decoupling program to
8 maintain the 10 percent symmetrical cap.³⁴

9
10 Q. WHAT IS "FULL" DECOUPLING?

11 A. Full decoupling means the mechanism will compute an adjustment for all
12 changes in usage per customer above or below the sales level approved in this
13 rate case proceeding. Such usage changes could arise from customer energy
14 efficiency and conservation efforts, increased customer usage, weather
15 variations, or for other various reasons. In general, revenue decoupling, whether
16 full or partial, is a regulatory tool designed to separate a utility's revenue from
17 changes in energy sales, the purpose of which is to reduce a utility's disincentive
18 to promote energy efficiency.³⁵

19

³⁴ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-17-563, Rebuttal Testimony of Christopher Davis at 1-7 (June 1, 2018), Surrebuttal Testimony of Christopher Davis at 3-4 (June 22, 2018).

³⁵ Minn. Stat. § 216B.2412, subd. 1.

1 Q. HAS THE CURRENT REVENUE DECOUPLING FUNCTIONED AS INTENDED
2 FOR MERC?

3 A. Yes, MERC's RDM has functioned as intended. As set forth in Minn. Stat.
4 §216B.2412, subd. 1, the purpose of revenue decoupling is to reduce a utility's
5 disincentive to promote energy efficiency. Under traditional regulation, the
6 Commission sets a utility's rates based on a weather normalized revenue
7 requirement. Once rates are set, the utility's financial performance depends on
8 its level of sales and ability to manage costs. Because of the high fixed costs
9 associated with natural gas service, a utility's marginal revenue (*i.e.*, price) often
10 exceeds its short run marginal costs. Therefore, utilities have an incentive to
11 increase sales. This is known as the "throughput incentive." MERC's revenue
12 decoupling has eliminated a portion of this throughput incentive with respect to
13 the Company's Residential customer class.

14
15 MERC's RDM went into effect on January 1, 2013. In the Company's decoupling
16 evaluations for years 2013 through 2021, MERC provided significant qualitative
17 and quantitative information showing progress toward achievement of MERC's
18 energy efficiency goals. Over the past nine years, MERC's decoupling program
19 has proven successful at effectively reducing some of the inherent disincentive to
20 promote energy efficiency.

21

1 Q. DOES MERC'S CURRENT DECOUPLING PROGRAM MEET THE
2 COMMISSION CRITERIA FOR DECOUPLING?

3 A. Yes. In its July 13, 2012 Findings of Fact, Conclusions and Order in Docket No.
4 G007,011/GR-10-977, the Commission found that MERC's decoupling proposal
5 satisfied the statutory requirements of Minn. Stat. § 216B.2412 and the
6 Minnesota Legislature's directive regarding decoupling because:

- 7 • The program separates the Company's sales from revenues to remove
8 the disincentive for the Company to pursue conservation (because
9 MERC will not make money through additional sales of energy);
- 10 • The program was designed to determine whether a decoupling
11 strategy achieves energy savings because MERC agreed to make
12 annual reports to the Commission that specify the RDM adjustment
13 applied to each rate case for the billing period and demonstrate annual
14 progress toward achieving the 1.5 percent energy efficiency goal set
15 forth in Minn. Stat. § 216B.241; and
- 16 • The program does not adversely impact ratepayers. Rather, the ten
17 percent cap limits customer impacts, the program is subject to annual
18 evaluations, and the Commission can modify or suspend the rates in
19 the program due to unforeseen circumstances.

20
21 All of these program parameters are still in place and the pilot program continues
22 to meet the Commission's decoupling criteria.

23

1 Q. WHAT IS MERC PROPOSING WITH RESPECT TO ITS DECOUPLING
2 PROGRAM IN THIS RATE CASE?

3 A. MERC is proposing to maintain the current parameters of its decoupling program
4 and extend the pilot for another three years. In particular, MERC proposes to
5 maintain the ten percent symmetrical cap currently in place and does not
6 propose to extend decoupling to other customer classes. Further, the Company
7 requests that the sales, fixed charge counts, and distribution rates, less the
8 CCRC, used in the decoupling calculation tie to what is ultimately approved in
9 this rate case.

10
11 With respect to extending MERC's decoupling program to additional customer
12 classes, my testimony below provides a discussion and analysis of the reasons
13 MERC has concluded that extension to additional classes is unreasonable and
14 unnecessary at this time. My testimony also provides further discussion of the
15 importance of symmetry if a cap is to be applied to the RDM surcharges and
16 refunds, consistent with prior Commission decisions. While MERC would be
17 willing to lift the cap entirely, implementation of an asymmetrical cap would
18 unfairly burden MERC such that the Company would propose to terminate the
19 pilot program rather than accept an asymmetrical cap.

20
21 In MERC's last rate case, the Department evaluated five different decoupling cap
22 scenarios—no cap, symmetrical 8 percent cap, asymmetrical 8 percent cap,
23 symmetrical 10 percent cap, and asymmetrical 10 percent cap. Based on this

1 analysis, the Department concluded that MERC's 10 percent symmetrical cap for
2 the Residential class resulted in the elimination of 90 percent of MERC's
3 throughput incentive, whereas a symmetrical 8 percent cap would only remove
4 76 percent of the throughput incentive, an asymmetrical 10 percent cap would
5 only remove 65 percent of MERC's throughput incentive, and an asymmetrical 8
6 percent cap would only remove 44 percent of MERC's throughput incentive.
7 Based on this analysis, the Department concluded that over the period 2009-
8 2017, the 10 percent symmetrical cap provided a reasonable result, eliminating
9 90 percent of the throughput incentive that MERC would have had for the
10 Residential customer class.

11
12 In the Company's 2017 Rate Case, the Department also proposed that the
13 Commission establish a first-year energy savings threshold that would need to be
14 met before surcharges could be applied. As explained in the Company's rebuttal
15 testimony in that case, MERC experiences wider variances in its energy savings
16 achievements, and factors other than the Company's promotion of energy
17 conservation can and frequently do affect savings achievements.³⁶

18
19 As reflected in the Commission's Order in MERC's 2017 Rate Case, the
20 Commission declined to adopt the proposed energy savings threshold,
21 concluding that such threshold would not necessarily be an effective tool for

³⁶ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-17-563, Rebuttal Testimony of Seth DeMerritt at 56-58 (June 1, 2018).

1 further incentivizing MERC to promote energy conservation or otherwise increase
2 customer participation. Further, the Commission recognized that factors outside
3 of the Company's control could lead to fluctuations in energy savings.

4
5 Q. WHY IS A TEN PERCENT SYMMETRICAL CAP OF IMPORTANCE TO THE
6 COMPANY?

7 A. The ten percent cap that currently exists on MERC's revenue decoupling limits
8 any refunds or surcharges to ten percent of the authorized distribution revenue,
9 less CCRC charges. When the Commission was originally considering MERC's
10 decoupling pilot program, MERC did not propose the inclusion of the cap. MERC
11 did, however, accept the ten percent cap, provided that it was symmetrical with
12 respect to both refunds and surcharges. The Commission concluded that the
13 cap would provide protection to ratepayers by limiting potential overall rate
14 impacts associated with the RDM.

15
16 Year over year, the aggregate effect of the cap results in there being no rate
17 recovery bias to ratepayers or the Company, creating the necessary incentive for
18 the Company to further promote conservation. As Commission Staff noted in its
19 July 29, 2015 Briefing Papers in Docket No. G007,011/GR-10-977, MERC's
20 symmetrical ten percent cap creates a refund and surcharge policy that is fairly
21 neutral.³⁷ This is because, as Staff explained, although in some years MERC

³⁷ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. In Minn.*, Docket No. G007,011/GR-10-977, Staff Briefing Papers at 8-9 (July 29, 2015).

1 benefits from the ten percent cap, over time the total aggregate cap effects will
2 tend to offset each other, resulting in a balance between ratepayers and the
3 Company.

4
5 The purpose of the cap is to provide a reasonable limitation on the overall risk
6 and impact from the RDM, and a symmetrical cap serves decoupling's purpose
7 of removing the disincentive to promote conservation. Conversely, an
8 asymmetrical cap would unfairly penalize the utility. MERC therefore supports
9 continuation of the symmetrical cap as it currently exists or would accept the
10 removal of the cap completely.

11
12 Q. DOES MERC'S DECOUPLING PROGRAM ACHIEVE THE STATUTORY
13 DIRECTIVES UNDER MINNESOTA STATUTES SECTION 216B.2412,
14 SUBDIVISION 2?

15 A. Yes. Minnesota Statutes section 216B.2412, subdivision 2, provides:

16 The commission shall, by order, establish criteria and
17 standards for decoupling. The commission may establish
18 these criteria and standards in a separate proceeding or in a
19 general rate case or other proceeding in which it approves a
20 pilot program, and shall design the criteria and standards to
21 mitigate the impact on public utilities of the energy-savings
22 goals under section 216B.241 without adversely affecting
23 utility ratepayers. In designing the criteria, the commission
24 shall consider energy efficiency, weather, and cost of capital,
25 among other factors.

26
27 MERC's symmetrical cap, as previously approved by the Commission in Docket
28 Nos. G007,011/GR-10-977, G011/GR-15-736, and G011/GR-17-563,

1 successfully achieves the statutory directive of “mitigat[ing] the impact on public
2 utilities of the energy-savings goals under section 216B.241 without adversely
3 affecting utility ratepayers.” The Commission has concluded that the ten percent
4 symmetrical cap would provide protection to ratepayers by limiting potential
5 overall rate impacts associated with MERC’s decoupling program:

6 [W]ith the agreed-upon 10% symmetrical cap on revenues
7 generated through the application of the RDM, and assuming
8 an average annual use of 85 Mcf, the maximum revenue
9 decoupling adjustment for an average residential customer
10 will not exceed \$21 (more) per year. With these conditions
11 limiting ratepayer impact, the Commission finds that MERC’s
12 RDM should not adversely affect ratepayers.³⁸

13
14 Q. WHICH OF MERC’S CUSTOMER CLASSES ARE CURRENTLY INCLUDED IN
15 MERC’S DECOUPLING PILOT?

16 A. Currently, MERC’s Residential customer class³⁹ is subject to MERC’s approved
17 RDM pilot.

18
19 Q. DOES MERC PROPOSE TO EXTEND DECOUPLING TO ANY ADDITIONAL
20 CLASSES IN THIS CASE BEYOND THE RESIDENTIAL CLASS?

21 A. No. MERC does not propose to extend decoupling beyond its Residential
22 customer class in this case. While MERC’s General Service Small C&I class
23 (now Firm Class 1) was previously decoupled, in accordance with the
24 Commission’s Order in MERC’s 2017 Rate Case, MERC removed the Firm C&I

³⁸ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. In Minn.*, Docket No. G007,011/GR-10-977, Findings of Fact, Conclusions, and Order at 13 (July 13, 2012).

³⁹ Including the Farm Tap Residential class.

1 Class 1 customers from the revenue decoupling program. The Company is not
2 proposing to reinstitute decoupling for that customer class in this case.

3

4 Q. HAS MERC UNDERTAKEN AN EVALUATION TO SUPPORT ITS PROPOSAL
5 TO ONLY CONTINUE DECOUPLING FOR THE RESIDENTIAL CLASS?

6 A. Yes, in accordance with the Commission's Order in Docket No. G011/GR-17-
7 563, MERC is providing an updated analysis of the impact on customers of
8 extending its revenue decoupling program to all of MERC's customer classes
9 with 50 or more customers.

10

11 Q. WHICH OF MERC'S RATE CLASSES HAVE MORE THAN 50 CUSTOMERS?

12 A. Aside from the Residential customer class, the following customer classes
13 consist of more than 50 customers:

- 14 • C&I Firm Class 1⁴⁰
- 15 • C&I Firm Class 2⁴¹
- 16 • C&I Firm Class 3⁴²
- 17 • C&I Interruptible Class 2
- 18 • C&I Interruptible Class 3
- 19 • Agriculture Grain Dryer Class 1
- 20 • Agriculture Grain Dryer Class 2
- 21 • C&I Interruptible Class 3

22

⁴⁰ Including Farm Tap Firm Class 1.

⁴¹ Including Farm Tap Firm Class 2.

⁴² Including Farm Tap Firm Class 3.

1 Q. WHAT DO YOU CONCLUDE REGARDING EXTENDING MERC'S
2 DECOUPLING PILOT TO OTHER RATE CLASSES WITH MORE THAN 50
3 MEMBERS?

4 A. MERC does not propose to extend its decoupling pilot to any classes beyond the
5 Residential class at this time. Extension of decoupling to additional classes
6 could have unintended consequences, which I address in greater detail below.
7 While MERC is in agreement that smaller classes, including classes with 50 or
8 fewer customers, should not be decoupled because such smaller classes could
9 have problems and experience significant unintended consequences under
10 decoupling, MERC does not believe that having 50 or more customers resolves
11 the potential unintended consequences with respect to MERC's larger customer
12 classes.

13
14 There are numerous reasons why MERC's customer classes not currently
15 subject to decoupling should not be decoupled. In prior rate case proceedings
16 and decoupling evaluations, MERC has provided analysis and numerical
17 examples demonstrating the unintended consequences that would or could occur
18 if decoupling were extended to the Company's larger customer classes.

19
20 Q. WHAT DO YOU CONCLUDE REGARDING THE EXTENSION OF
21 DECOUPLING TO RATE CLASSES WITH FEWER THAN 50 CUSTOMERS?

22 A. Consistent with the conclusions of recommendations made by the Department in
23 MERC's 2017 Rate Case, MERC agrees that extension of decoupling to

1 customer classes with fewer than 50 customers would not be reasonable or
2 appropriate.⁴³ Consistent with the Commission’s Findings of Fact, Conclusions,
3 and Order in MERC’s 2017 Rate Case, MERC has updated its analysis of the
4 impact on customers of extending the revenue decoupling program to customer
5 classes with 50 or more customers. The justification and rationale for not
6 extending decoupling to customer classes with greater than 50 customers also is
7 applicable to customer classes with fewer than 50 customers.

8
9 Q. QUALITATIVELY, WHY DO YOU CONCLUDE THAT EXTENSION OF
10 DECOUPLING TO ADDITIONAL CUSTOMER CLASSES WOULD NOT BE
11 REASONABLE?

12 A. Extension of decoupling to these classes could result in unintended
13 consequences and is therefore not appropriate. MERC’s larger C&I customers
14 are more heterogeneous with respect to usage, are more likely to be affected by
15 economic conditions, and, with respect to a number of classes, subject to
16 interruption. Additionally, application of decoupling to MERC’s larger customer
17 classes would be inconsistent with the statutory definition and objectives for
18 decoupling. In particular, Minn. Stat. § 216B.2412 provides that “[t]he purpose of
19 decoupling is to *reduce a utility’s disincentive to promote energy efficiency.*”
20

⁴³ *In the Matter of the Application of Minn. Energy Res. Corp. for Auth. to Increase Rates for Nat. Gas Serv. in Minn.*, Docket No. G011/GR-17-563, Direct Testimony of Christopher Davis at 16-17 (May 4, 2018) (“The Commission should exclude any of MERC’s customer classes with 50 or fewer customers to avoid a situation where one customer changing its operations can have a very large impact on the other customers.”).

1 When the Commission originally approved MERC's revenue decoupling pilot in
2 its Findings of Fact, Conclusions of Law, and Order in Docket No. G007,011/GR-
3 10-977, it concluded:

4 The Commission agrees that the rates for MERC's large
5 customer classes do not include the same throughput
6 incentive as rates for the smaller customer classes. Further,
7 as recognized by the ALJ, there could be adverse impacts on
8 customers if the RDM were applied to all customer classes as
9 proposed by the OAG. MERC's large customer groups have
10 dissimilar usage patterns, and are sensitive to economic
11 conditions and service interruption. As noted by the ALJ,
12 unlike the customer classes included in MERC's proposal, if
13 one large customer's usage were to decline based upon
14 economic or customer-specific conditions, or one or more
15 customer's usage is interrupted, the remaining customers
16 could be assessed a surcharge, which could be substantial if
17 the class included only a small number of customers.

18
19 Q. WHY DOES HETEROGENEOUS USAGE WITHIN LARGER CUSTOMER
20 CLASSES SUPPORT NOT EXTENDING DECOUPLING TO THOSE CLASSES?

21 A. Wider usage bands within MERC's larger customer classes means that the
22 actual impact of the RDM to any individual customer could vary significantly
23 across the class, resulting in inaccurate price signals for customers. This is
24 because the RDM surcharge or refund rate is calculated as a per-therm charge
25 applied to the entire decoupled class.

26

1 Q. HOW DOES THE FACT THAT LARGE CUSTOMER CLASSES ARE MORE
2 LIKELY TO BE IMPACTED BY ECONOMIC FACTORS SUPPORT NOT
3 EXTENDING DECOUPLING TO THOSE CLASSES?

4 A. MERC's larger customer classes are often not significantly influenced by weather
5 patterns, as their natural gas usage is prominently other than heating. Rather,
6 MERC's larger customers' usage most frequently shifts as a result of economic
7 conditions.

8
9 Q. WHY SHOULD CUSTOMERS SUBJECT TO INTERRUPTION NOT BE
10 DECOUPLED?

11 A. Application of MERC's decoupling to interruptible customer classes could lead to
12 significant unintended consequences. In particular, if interruptible customers
13 were called upon to curtail their natural gas usage, resulting in an overall
14 reduction of actual sales relative to the approved baseline sales, those
15 customers would effectively be charged for a portion of sales that were curtailed.

16
17 Q. DO OTHER UTILITIES WITH DECOUPLING PROGRAMS EXCLUDE
18 CUSTOMER CLASSES FROM THEIR DECOUPLING PROGRAMS?

19 A. Yes. Great Plains Natural Gas Co. ("Great Plains") excludes its Large
20 Interruptible Sales and Transportation classes, as well as its Flex Rate
21 customers from decoupling.⁴⁴ And in CenterPoint Energy's ("CenterPoint's")

⁴⁴ *In the Matter of the Petition by Great Plains Nat. Gas Co., a Div. of MDU Res. Grp. Inc., for Auth. to Increase Nat. Gas Rates in Minn.*, Docket No. G004/GR-19-511, Findings of Fact, Conclusions, and Order (Oct. 26, 2020), ALJ Report at 98-99 (June 30, 2020).

1 2013 rate case, the Commission approved an RDM for all of CenterPoint's
2 customers, except for those receiving service under CenterPoint's Large Volume
3 Market Rate Service Rider, based on the theory that, should one of these
4 customers leave CenterPoint's system, spreading fixed costs over fewer sales
5 could lead to unreasonable rate increases in the future.⁴⁵

6
7 Q. FROM YOUR EXPLANATION ABOVE, IT APPEARS THAT CENTERPOINT'S
8 AND GREAT PLAINS' DECOUPLING PROGRAMS EXTEND PAST JUST THE
9 RESIDENTIAL CLASS. DO THE CIRCUMSTANCES SURROUNDING THE
10 IMPLEMENTATION OF THESE UTILITIES' DECOUPLING PROGRAMS
11 DIFFER FROM MERC'S?

12 A. Yes. CenterPoint agreed, during the pendency of its 2014 rate case, to include
13 additional customer classes outside of its Large Volume Market Rate
14 customers.⁴⁶ Similarly, Great Plains proposed to include all customer classes in
15 its revenue decoupling proposal.⁴⁷ Conversely, MERC is not proposing to extend
16 decoupling to any customers outside of the Residential class at this time.

17

⁴⁵ *In the Matter of an Application by CenterPoint Energy Res. Corp. d/b/a CenterPoint Energy Minn. Gas For Auth. to Increase Nat. Gas Rates in Minn.*, Docket No. G008/GR-13-316, Findings of Fact, Conclusions, and Order at 46-47 (June 9, 2014).

⁴⁶ *In the Matter of an Application by CenterPoint Energy Res. Corp. d/b/a CenterPoint Energy Minn. Gas For Auth. to Increase Nat. Gas Rates in Minn.*, Docket No. G008/GR-13-316, Surrebuttal Testimony of Paul D. Gastineau at 2 (Jan.10, 2014).

⁴⁷ See *In the Matter of the Petition by Great Plains Nat. Gas Co., a Div. of MDU Res. Grp., Inc. for Auth. to Increase Nat. Gas Rates in Minn.*, Docket No. G004/GR-15-879, Direct Testimony of Tamie A. Aberle at 25-26 (Sept. 30, 2015).

1 Q. WHAT QUANTITATIVE ANALYSIS DID MERC CONDUCT TO EVALUATE
2 WHETHER EXTENDING DECOUPLING TO ADDITIONAL CUSTOMER
3 CLASSES WOULD BE REASONABLE OR APPROPRIATE?

4 A. Consistent with the Department's recommendations in Docket No. G011/GR-15-
5 736, and consistent with how the analysis was performed in MERC's 2017 Rate
6 Case, MERC (1) used historical customer class sales to show the range of
7 potential impacts of extending revenue decoupling to all customer classes, and
8 (2) analyzed the size of any throughput incentive for each customer class.

9
10 Q. WHAT WERE THE RESULTS OF MERC'S ANALYSIS OF CUSTOMER CLASS
11 SALES AND THE RANGE OF POTENTIAL IMPACTS OF EXTENDING
12 REVENUE DECOUPLING TO ALL CUSTOMER CLASSES?

13 A. MERC conducted an analysis of the financial consequences for ratepayers and
14 MERC of extending decoupling to each customer class, which was included in
15 Attachment B to MERC's 2021 Annual Decoupling Evaluation Report submitted
16 in Docket No. G011/M-22-260, and is included here as Exhibit ____ (JCHM-D),
17 Schedule 12.⁴⁸ MERC provided a discussion of this analysis in its Decoupling
18 Evaluation Report:

19 In Column P of each of the actual results tabs within
20 Attachment B is a surcharge rate based on an estimation of
21 each class' revenues under full decoupling (both with and

⁴⁸ MERC has provided this analysis with its Decoupling Evaluation Report each year in accordance with the Commission's October 31, 2016 Order in Docket No. G011/GR-15-736, requiring MERC to include an analysis of the financial consequences for ratepayers and MERC of extending decoupling to each customer class. MERC's Attachment B to the Company's annual Decoupling Evaluation Reports provides a calculation of each class' revenues with no decoupling, under full decoupling (both with and without a 10 percent cap), and under a weather normalized decoupling (both with and without a 10 percent cap).

1 without a 10 percent cap), and under a Weather Normalized
2 Decoupling (both with and without a 10 percent cap). This
3 surcharge is then applied to the average customer usage in
4 that class (Column R), as well as a hypothetical low end usage
5 customer (50 percent of actual average usage) (Column Q)
6 and high end usage customer (150 percent of actual average
7 usage) (Column S). For purposes of this analysis in 2009 -
8 2017, MERC grouped the customers into the following
9 categories: Residential, General Service Small C&I, General
10 Service Large C&I, Small Volume Interruptible & Joint Sales,
11 Large Volume Interruptible & Joint Sales, Small Volume
12 Interruptible & Joint Transport, Large Volume Interruptible &
13 Joint Transport (inclusive of Flex customers), and Super
14 Large Volume Interruptible & Joint Transport. Beginning in
15 2018, MERC grouped the customers into the approved rate
16 classifications from Docket No. G011/GR-17-563 as follows:
17 Residential, Firm Class 1, Firm Class 2, Firm Class 3,
18 Agricultural Grain Dryer Class 1, Agricultural Grain Dryer
19 Class 2, Agricultural Grain Dryer Class 3, Power Generation
20 Class 1, Power Generation Class 2, Interruptible Class 2,
21 Interruptible Class 3, Interruptible Class 4, and Interruptible
22 Class 5. Additionally, MERC has included Firm Class 4 and
23 Firm Class 5 due to customers who were previously Class 4
24 Joint and Class 5 Joint being added to those rate classes in
25 2020. Because MERC did not forecast Firm Class 4 or Firm
26 Class 5 customer counts or sales in its most recent rate case,
27 Docket No. G011/GR-17-563, Attachment B provides a
28 calculation of the theoretical RDM for those classes based on
29 forecasted sales per customer for Interruptible Class 4 and
30 Interruptible Class 5 respectively.

31 Using 2021 as an example, an average Firm Class 1 customer
32 under MERC's current program with the 10 percent cap would
33 experience a surcharge rate of \$0.01930 per therm (cell P45),
34 and with average 2021 usage of 787 therms, would expect an
35 annual surcharge of \$15.19. A customer that is on the high
36 end for this example would experience an annual surcharge
37 of \$22.79, based on 1,181 annual therms usage....

38 ... In its December 26, 2018, Findings of Fact, Conclusions,
39 and Order in Docket No. G011/GR-17-563, the Commission
40 required MERC to provide an updated analysis of the impact
41 on customers of extending its RDM to all classes with 50 or
42 more customers when MERC files its next rate case. MERC
43 will address this requirement in the Company's next rate case,
44 but notes that the Company continues to have concerns with

1 the expansion of decoupling to other rate classes. Most
2 notably, MERC is concerned about the expansion of
3 decoupling to interruptible customers. To the extent these
4 customers are interruptible, it would mean that if MERC were
5 to interrupt their usage, thereby reducing sales, then all else
6 equal, MERC would effectively recoup at least a portion of this
7 revenue via the decoupling mechanism for sales that did not
8 occur because MERC interrupted those customers. MERC
9 could effectively recover its lost revenues for sales MERC did
10 not provide due to limitations within MERC's own system.
11 Such a result seems contrary to the purpose of interruptible
12 natural gas service.⁴⁹

13
14 The data in Exhibit____ (JCHM-D), Schedule 12 illustrates one of the concerns
15 MERC has identified with expanding decoupling to the larger customer classes,
16 as usage bands are much larger in those customer classes. For example, using
17 the 2021 data for Firm Class 2, and assuming the structure of MERC's current
18 RDM, MERC generates a per therm credit of \$0.00599 (cell P72), which equates
19 to annual credits of \$42.46 for the average customer that uses 7,094 therms
20 annually. That by itself does not raise any concerns, but the issue with applying
21 the \$0.00599 rate to customers in this class is that the usage band width within
22 this class could range from 1,501 therms annually to 100,000. Therefore, as an
23 example in the time period February 2021 to January 2022, MERC had a single
24 customer on the Firm Class 2 rate use 92,190 therms. If decoupling were
25 extended to the Firm Class 2 rate class, this customer could experience a
26 decoupling credit of \$552.22 (92,190 * \$0.00599), or 13 times greater than the
27 average customer in this rate class

⁴⁹ *In the Matter of Minnesota Energy Resources Corporation's (MERC) 2021 Revenue Decoupling Mechanism Adjustment*, Docket No. G011/M-22-260, Initial Filing at 29-30 (June 1, 2022).

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Another concern that MERC has with expanding decoupling to additional customer classes is the impact if a customer were to leave MERC's system. For example, in MERC's Interruptible Class 3 grouping, MERC had an average of 131 customers in 2021. If two of those customers were to leave MERC's system, then remaining 129 customers would essentially be asked to cover an additional 1.53 percent of the decoupling surcharge. Conversely, in the Residential customer class, it would take 3,375 customers leaving the system to generate the same 1.53 percent cost shift.

Q. WHAT DOES EXHIBIT ___ (JCHM-D), SCHEDULE 13 SHOW?

A. Exhibit ___ (JCHM-D), Schedule 13 identifies the base distribution rate, decoupling rate, CCRC, Customer Charge, and Actual Average Use per customer by customer class for the years 2013-2021. Using these inputs, this exhibit calculates the total revenue and decoupling revenue for each customer class during this time frame. While Exhibit ___ (JCHM-D), Schedule 13 does show that for an average use customer, decoupling would not have a significant impact on a percentage basis of total revenues for customer Class 3 and smaller, this analysis does not capture the potential significant impacts that could occur to customers who use significantly greater or significantly less than the average per customer. MERC continues to stress that as customer groups extend into the larger customer class by size, the variance from average significantly increases, as discussed above.

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Q. DOESN'T A TEN PERCENT CAP ON SURCHARGES AND REFUNDS PROTECT CUSTOMERS FROM THE UNINTENDED CONSEQUENCES MERC RAISES?

A. No. The ten percent cap on MERC's revenue decoupling limits the total potential annual refunds or surcharges for each decoupled class to ten percent of the authorized distribution revenue, less CCRC charges for that class. While the ten percent cap functions in the Residential class to protect customers and the Company from significant impacts as a result of decoupling, that is because the difference in usage between the highest volume users and lowest volume users is relatively small. In contrast, the differential in usage within MERC's larger customer classes can be significant. For example, usage for C&I Class 3 extends from 20,001 therms/year to 100,000 therms/year. As a result, a customer with higher-than-average annual usage could experience a disproportionate impact under decoupling, regardless of whether its usage actually changes.

Q. WHAT WERE THE RESULTS OF MERC'S ANALYSIS OF THE EXISTENCE AND SIZE OF ANY THROUGHPUT INCENTIVE FOR EACH CUSTOMER CLASS?

A. MERC conducted an analysis of the throughput incentive for each customer class by comparing MERC's proposed rate design to the CCROSS for distribution rates. The results of this analysis are shown in Exhibit ____ (JCHM-D), Schedule

1 14. This exhibit illustrates the amount of additional revenue MERC would
2 recognize for every 100 therms of additional sales to a class. This analysis
3 shows that the greatest throughput incentive exists for MERC's Residential class,
4 which is the one class that is currently subject to decoupling, and for which
5 MERC proposes to continue decoupling. Conversely, the customer classes
6 which MERC is not requesting decoupling be applicable to all have throughput
7 incentives of less than \$15 with the exception of Firm Class 1 (and not taking into
8 consideration the Farm Tap classes) which has a throughput incentive of \$22.44
9 at 100 therms.

10
11 In particular, the rates for the various Agricultural Grain Dryer-Class 2, Class 4,
12 Class 5, Electric Generation Class 2, and all Flex Rate customers actually show
13 that increased sales decrease MERC's throughput incentive. Because the
14 customers in many of these classes pose a bypass threat, MERC specifically
15 designs the rates for these classes to ensure recovery of incremental costs, while
16 maintaining rates as low as possible to avoid customer bypass.

17
18 The analysis provided in Exhibit ____ (JCHM-D), Schedule 14 evaluates the
19 potential throughput incentive for each customer class based on distribution rates
20 proposed by MERC as compared to those supported by the CCOSS.
21

1 Q. WHAT DOES THIS EXHIBIT DEMONSTRATE REGARDING EXTENSION OF
2 MERC'S DECOUPLING TO ADDITIONAL CUSTOMER CLASSES?

3 A. To summarize the analysis provided in Exhibit ____ (JCHM-D), Schedule 14,
4 while MERC recognizes that a throughput incentive exists to some extent for a
5 number of customer classes, MERC's current application of decoupling
6 specifically addresses the customer class with the greatest throughput incentive.

7
8 Q. WHAT OTHER CONCERNS EXIST WITH RESPECT TO EXTENDING
9 DECOUPLING TO ADDITIONAL CUSTOMER CLASSES?

10 A. In addition, MERC is concerned with the bypass potential and competition of the
11 largest customers. Ensuring MERC's rates are competitive is important for
12 customers that have options for bypass. MERC has consistently raised the
13 concern of bypass risk from its largest users, and continues to believe that any
14 bypass of its largest customers would only result in a detriment to remaining
15 customers in the future. Additionally, MERC's Flex Rate customers are subject
16 to minimum and maximum rates. Decoupling could result in these customers
17 breaching those levels, specifically the minimum rates, in times of a customer
18 credit.

19
20 Q. PLEASE SUMMARIZE MERC'S POSITION WITH RESPECT TO INCLUSION
21 OF ADDITIONAL CUSTOMER CLASSES IN ITS DECOUPLING PROGRAM.

22 A. At this time, MERC proposes not to extend its decoupling program to additional
23 customer classes. MERC's decoupling program is currently a pilot program and

1 MERC has submitted substantial financial information and analysis regarding the
2 impacts of extending decoupling to additional customer classes and has agreed
3 that it will continue to provide that information and analysis in future annual
4 evaluation report filings. As discussed above, Exhibit ____ (JCHM-D), Schedule
5 12 provides an analysis of the financial consequences for ratepayers and MERC
6 of extending decoupling to each customer class with and without a cap, going
7 back to 2009. Given the concerns and potential for unintended consequences
8 related to extending decoupling to MERC's larger customer classes, as
9 discussed above, MERC concludes it is most reasonable at this time to not
10 extend the Company's decoupling to additional customer classes but to continue
11 to evaluate the data provided in annual evaluation reports regarding decoupling
12 of those classes. While MERC's customers and service offerings differ from
13 those of Great Plains and CenterPoint, evaluation of different types and scopes
14 of decoupling pilot programs will assist the Commission in a more complete
15 evaluation of these programs and will help to ensure that unintended impacts of
16 decoupling are avoided. Particularly in light of potential bypass risks posed by
17 MERC's larger customers, and the impact that such customer bypass would
18 have on the cost of service for the remainder of MERC's customers, MERC
19 concludes it is appropriate to exercise caution.

20
21 Further, extension of decoupling to MERC's remaining classes is largely
22 unnecessary because MERC's disincentive to encourage energy conservation
23 with respect to those classes is limited or non-existent, considering the

1 throughput incentive analysis discussed above. Thus, extension to those
2 customer classes at this time would ultimately expose ratepayers to needless risk
3 without a demonstrable benefit in terms of potentially increasing conservation—
4 both in terms of the risk to the larger customer classes of potentially large rate
5 impacts and the risk to remaining customers of having to cover additional costs in
6 the event one or more large customers bypass MERC's system.

7
8 Q. HOW DOES MERC'S DECOUPLING PROGRAM OPERATE AND HOW ARE
9 APPROVED SALES USED IN THE RDM CALCULATION?

10 A. MERC's current program is an RDM applicable to the Residential class. The
11 RDM adjustment is calculated annually based on the class revenue requirements
12 after removing the fixed charge portion and CCRC revenues from the final
13 revenue apportioned to the customer class, based on actual customer counts.
14 The proposed RDM calculates the difference between (1) baseline annual
15 distribution revenues per customer for the rate group approved in the most recent
16 rate case proceeding, and (2) actual annual distribution revenues per customer
17 for the rate group. This difference will be multiplied by the average number of
18 customers that were used to establish charges in the most recent general rate
19 case proceeding to determine the dollar amount that will be collected from, or
20 refunded to, customers. The amount will be recovered or refunded on a per-
21 therm basis over a twelve-month period.

22

1 MERC's RDM is a "full" decoupling, which means the mechanism will compute
2 an adjustment for all changes in usage per customer above or below the sales
3 level approved in this rate case proceeding. Such usage changes could arise
4 from customer energy efficiency and conservation efforts, increased customer
5 usage, weather variations, or for other various reasons.

6
7 Q. WHAT IMPACT, IF ANY, DO DIFFERENCES BETWEEN MERC'S APPROVED
8 SALES AND ACTUAL SALES HAVE ON MERC'S DECOUPLING
9 MECHANISM?

10 A. MERC's decoupling program is calculated on a use per customer basis. To the
11 extent sales increase or decrease from forecast without a corresponding
12 increase or decrease in customer counts, MERC's customers would see a
13 corresponding credit when sales increase or a surcharge when sales decrease.
14 However, if sales increase or decrease with a corresponding increase or
15 decrease of customer counts such that the use per customer between forecast
16 and actuals is equal, then no decoupling credit or surcharge would be incurred.

17
18 **VII. INTERIM RATE DESIGN**

19 Q. PLEASE DESCRIBE IN GENERAL TERMS THE CONTENT OF EXHIBIT ____
20 (JCHM-D), SCHEDULES 15-18 TO YOUR DIRECT TESTIMONY.

21 A. Exhibit ____ (JCHM-D), Schedules 15-18 present MERC's interim rate design.
22 The general content of Exhibit ____ (JCHM-D), Schedules 15-18 is as follows:

- 1 • Schedule 15 shows the current and proposed interim monthly fixed
2 charges and per therm rates for each rate class.
- 3 • Schedule 16 is a comparison of the amount of revenue generated,
4 including gas costs, under the current and proposed interim monthly fixed
5 charges and per therm rates for each rate class.
- 6 • Schedule 16, Summary, provides a summary comparison of the amount of
7 revenue generated, including gas costs, under the current and proposed
8 interim monthly fixed charges and per therm rates for each rate class.
- 9 • Schedule 17 is a comparison of the amount of revenue generated,
10 excluding gas costs, under the current and proposed interim monthly fixed
11 charges and per therm rates for each rate class.
- 12 • Schedule 17, Summary, provides a summary comparison of revenues,
13 excluding gas costs, from current and proposed interim rates for each rate
14 class.
- 15 • Schedule 18 is a comparison of the amount of revenue generated,
16 including gas costs, GUIC Rider surcharge revenues, and NGEP Rider
17 surcharge revenues, under the current and proposed interim monthly fixed
18 charges and per therm rates for each rate class.
- 19 • Schedule 9, Summary, provides a summary comparison of the amount of
20 revenue generated, including gas costs, GUIC Rider surcharge revenues,
21 and NGEP Rider surcharge revenues, under the current and proposed
22 interim monthly fixed charges and per therm rates for each rate class.

23

1 Q. DOES THE INTERIM RATE DESIGN PROPOSAL SATISFY THE
2 COMMISSION'S STATEMENT OF POLICY ON INTERIM RATES?

3 A. Yes. The Statement of Policy on Interim Rates, dated April 14, 1982, states that
4 "the interim rate schedule shall be calculated using the proposed test year cost of
5 capital, rate base, and expenses, except it shall include:

6 1. A rate of return on common equity for the utility equal to that authorized by
7 the Commission in the utility's most recent rate proceeding;

8 2. Rate base or expense items the same in nature and kind as those allowed
9 by a currently effective order of the Commission in the utility's most recent
10 rate proceeding; and

11 3. No change in existing rate design."

12
13 Mr. Zgonc's Direct Testimony addresses satisfying points one and two. MERC
14 satisfies point three by proposing a level of rate increase that does not change
15 the rate design of customers. MERC asks for an interim rate increase of 32.82%
16 on all fixed charges and distribution charges (excluding the cost of gas) for all
17 customers except Class 5 – CIP Exempt, Electric Generation Class 2 – CIP
18 Exempt, and Flex Rate customers, which are proposed to be charged a lower
19 increase as identified in the interim rate petition. In its petition for interim rates,
20 MERC explains why the Commission should find that exigent circumstances exist
21 that justify the Company's request to forego the interim revenues that would
22 result from imposing the higher interim rate increase on these classes.

23

1 Included in Exhibit ____ (JCHM-D), Schedules 15–18 is the proposed interim rate
2 design model, which calculates interim revenues of \$36,973,887 due to the
3 waiver of distribution rate interim increases of these classes.
4

5 **VIII. CONCLUSION**

6 Q. IN YOUR OPINION, DO THE PROPOSED RATE DESIGN AND TARIFF
7 CHANGES PROVIDE A REASONABLE BASIS FOR ESTABLISHING RATES IN
8 THIS CASE?

9 A. Yes.
10

11 Q. WHAT DO YOU RECOMMEND WITH RESPECT TO MERC'S REVENUE
12 DECOUPLING?

13 A. MERC is proposing to maintain the current parameters of its decoupling program
14 and extend the pilot for another three years. MERC also proposes to updates
15 the sales, fixed charge counts, and distribution rates, less the CCRC, used in the
16 decoupling calculation to what is ultimately approved in this case.
17

18 Q. WHAT DO YOU RECOMMEND WITH RESPECT TO MERC'S LEAD/LAG
19 STUDY?

20 A. MERC's Lead/Lag Study provides a reasonable basis for establishing rates in
21 this case.
22

1 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

2 A. Yes, it does.

MINNESOTA ENERGY RESOURCES CORPORATION
RATES BY CUSTOMER CLASS
CURRENTLY AUTHORIZED MONTHLY FIXED CHARGES AND PER THERM DISTRIBUTION RATES

MERC Customer Class	Fixed Local Distribution Service (Monthly)	Enhanced Administration Service (Monthly)	Total Fixed Charge (Monthly)	Volumetric Local Distribution Interruptible Service (All Therms)	Volumetric Local Distribution Firm Service (All Therms)	CCRC (All Therms)	Total Per Therm Rate Interruptible (All Therms)	Total Per Therm Rate Firm (All Therms)
NNG SALES								
GS-NNG Residential Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-NNG Residential Farm-Tap Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-NNG C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-NNG C&I Farm-Tap Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-NNG C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-NNG C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
GS-NNG C&I Farm-Tap Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-NNG C&I Farm-Tap Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
NNG C&I INT Class 2	\$45.00		\$45.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
NNG C&I INT Class 3	\$165.00		\$165.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
NNG Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.10000		\$ 0.02953	\$ 0.12953	
NNG Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.05197		\$ 0.02953	\$ 0.08150	
NNG Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.07000		\$ 0.02953	\$ 0.09953	
NNG C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
CONSOLIDATED SALES								
GS-CONSOLIDATED Residential Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-CONSOLIDATED C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-CONSOLIDATED C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-CONSOLIDATED C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
CONSOLIDATED C&I INT Class 2	\$45.00		\$45.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
CONSOLIDATED C&I INT Class 3	\$165.00		\$165.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
CONSOLIDATED C&I INT Class 4	\$185.00		\$185.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.10000		\$ 0.02953	\$ 0.12953	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.05197		\$ 0.02953	\$ 0.08150	
CONSOLIDATED Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.07000		\$ 0.02953	\$ 0.09953	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
NNG TRANSPORT								
Transport-NNG C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
Transport-NNG C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
Transport-NNG C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02063	\$ 0.02953		\$ 0.05016
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533			\$ 0.00533
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533			\$ 0.00533
Transport-NNG C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
Transport-NNG C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
Transport-NNG C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
Transport-NNG C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448			\$ 0.00448	
Transport-NNG Electric Generation INT Class 2	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448			\$ 0.00448	
Transport-NNG C&I Firm/Interruptible Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
Transport-NNG C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ 0.09453	\$ 0.12453
Transport-NNG C&I Firm/Interruptible Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.02953	\$ 0.04823	\$ 0.05016
Transport-NNG C&I Firm/Interruptible Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.02953	\$ 0.03401	\$ 0.03486
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533		\$ 0.00448	\$ 0.00533
Transport for Resale	\$185.00	\$150.00	\$335.00	\$ 0.04661		\$ 0.02953	\$ 0.07614	
LVI-NNG Flex Transport (Cust "A")	\$185.00	\$150.00	\$335.00	\$ 0.00450	\$ 0.02063	\$ 0.02953	\$ 0.03403	\$ 0.05016
LVI-NNG Flex Transport (Cust "B")								
LVI-NNG Flex Transport (Cust "C")								
LVI-NNG Flex Transport (Cust "D")								
LVI-NNG Flex Transport (Cust "E")								
LVI-NNG Flex Transport (Cust "F")	\$185.00	\$150.00	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.02953	\$ 0.03590	\$ 0.05016
LVI-NNG Flex Transport (Cust "G")	\$185.00	\$150.00	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.02953	\$ 0.03319	\$ 0.05016
CONSOLIDATED TRANSPORT								
Transport-CONSOLIDATED C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$45.00	\$150.00	\$195.00		\$ 0.13904			\$ 0.13904
Transport-CONSOLIDATED C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
Transport-CONSOLIDATED C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02063	\$ 0.02953		\$ 0.05016
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533			\$ 0.00533
Transport-CONSOLIDATED C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
Transport-CONSOLIDATED C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
Transport-CONSOLIDATED C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
Transport-CONSOLIDATED C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ 0.09453	\$ 0.12453
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533		\$ 0.00448	\$ 0.00533

MINNESOTA ENERGY RESOURCES CORPORATION
RATES BY CUSTOMER CLASS
PROPOSED MONTHLY FIXED CHARGES AND PER THERM DISTRIBUTION RATES

MERC Customer Class	Fixed Local Distribution Service (Monthly)	Enhanced Administration Service (Monthly)	Total Fixed Charge (Monthly)	Volumetric Local Distribution Interruptible Service (All Therms)	Volumetric Local Distribution Firm Service (All Therms)	CCRC (All Therms)	Total Per Therm Rate Interruptible (All Therms)	Total Per Therm Rate Firm (All Therms)
NNG SALES								
GS-NNG Residential Sales	\$9.50		\$9.50		\$ 0.35949	\$ 0.02929		\$ 0.38878
GS-NNG Residential Farm-Tap Sales	\$9.50		\$9.50		\$ 0.35949	\$ 0.02929		\$ 0.38878
GS-NNG C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.31562	\$ 0.02929		\$ 0.34491
GS-NNG C&I Farm-Tap Class 1	\$18.00		\$18.00		\$ 0.31562	\$ 0.02929		\$ 0.34491
GS-NNG C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.22280	\$ 0.02929		\$ 0.25209
GS-NNG C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.13557	\$ 0.02929		\$ 0.16486
GS-NNG C&I Farm-Tap Class 2	\$45.00		\$45.00		\$ 0.22280	\$ 0.02929		\$ 0.25209
GS-NNG C&I Farm-Tap Class 3	\$165.00		\$165.00		\$ 0.13557	\$ 0.02929		\$ 0.16486
NNG C&I INT Class 2	\$45.00		\$45.00	\$ 0.12018		\$ 0.02929	\$ 0.14947	
NNG C&I INT Class 3	\$165.00		\$165.00	\$ 0.08973		\$ 0.02929	\$ 0.11902	
NNG Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.16625		\$ 0.02929	\$ 0.19554	
NNG Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.08929		\$ 0.02929	\$ 0.11858	
NNG Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.11217		\$ 0.02929	\$ 0.14146	
NNG C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ 0.14947	\$ 0.25209
CONSOLIDATED SALES								
GS-CONSOLIDATED Residential Sales	\$9.50		\$9.50		\$ 0.35949	\$ 0.02929		\$ 0.38878
GS-CONSOLIDATED C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.31562	\$ 0.02929		\$ 0.34491
GS-CONSOLIDATED C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.22280	\$ 0.02929		\$ 0.25209
GS-CONSOLIDATED C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.13557	\$ 0.02929		\$ 0.16486
CONSOLIDATED C&I INT Class 2	\$45.00		\$45.00	\$ 0.12018		\$ 0.02929	\$ 0.14947	
CONSOLIDATED C&I INT Class 3	\$165.00		\$165.00	\$ 0.08973		\$ 0.02929	\$ 0.11902	
CONSOLIDATED C&I INT Class 4	\$185.00		\$185.00	\$ 0.02648		\$ 0.02929	\$ 0.05577	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.16625		\$ 0.02929	\$ 0.19554	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.08929		\$ 0.02929	\$ 0.11858	
CONSOLIDATED Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.11217		\$ 0.02929	\$ 0.14146	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ 0.14947	\$ 0.25209
NNG TRANSPORT								
Transport-NNG C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.22280	\$ 0.02929		\$ 0.25209
Transport-NNG C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.13557	\$ 0.02929		\$ 0.16486
Transport-NNG C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02819	\$ 0.02929		\$ 0.05748
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00810			\$ 0.00810
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00810			\$ 0.00810
Transport-NNG C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.12018		\$ 0.02929	\$ 0.14947	
Transport-NNG C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.08973		\$ 0.02929	\$ 0.11902	
Transport-NNG C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.02648		\$ 0.02929	\$ 0.05577	
Transport-NNG C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00568		\$ 0.02929	\$ 0.03497	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00568		\$ 0.02929	\$ 0.03497	
Transport-NNG Electric Generation INT Class 2	\$360.00	\$150.00	\$510.00	\$ 0.00568		\$ 0.02929	\$ 0.03497	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00568		\$ 0.02929	\$ 0.03497	
Transport-NNG C&I Firm/Interruptible Class 2	\$45.00	\$150.00	\$195.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ 0.14947	\$ 0.25209
Transport-NNG C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.08973	\$ 0.13557	\$ 0.02929	\$ 0.11902	\$ 0.16486
Transport-NNG C&I Firm/Interruptible Class 4	\$185.00	\$150.00	\$335.00	\$ 0.02648	\$ 0.02819	\$ 0.02929	\$ 0.05577	\$ 0.05748
Transport-NNG C&I Firm/Interruptible Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00568	\$ 0.00810	\$ 0.02929	\$ 0.03497	\$ 0.03739
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00568	\$ 0.00810		\$ 0.00568	\$ 0.00810
Transport for Resale	\$185.00	\$150.00	\$335.00	\$ 0.05398		\$ 0.02929	\$ 0.08327	
LVJ-NNG Flex Transport (Cust "A")	\$185.00	\$150.00	\$335.00	\$ 0.00571	\$ 0.02819	\$ 0.02929	\$ 0.03500	\$ 0.05748
LVJ-NNG Flex Transport (Cust "B")								
LVJ-NNG Flex Transport (Cust "C")								
LVJ-NNG Flex Transport (Cust "D")								
LVJ-NNG Flex Transport (Cust "E")								
LVJ-NNG Flex Transport (Cust "F")	\$185.00	\$150.00	\$335.00	\$ 0.00808	\$ 0.02819	\$ 0.02929	\$ 0.03737	\$ 0.05748
LVJ-NNG Flex Transport (Cust "G")	\$185.00	\$150.00	\$335.00	\$ 0.00464	\$ 0.02819	\$ 0.02929	\$ 0.03393	\$ 0.05748
CONSOLIDATED TRANSPORT								
Transport-CONSOLIDATED C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.22280	\$ 0.02929		\$ 0.25209
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$45.00	\$150.00	\$195.00		\$ 0.22280			\$ 0.22280
Transport-CONSOLIDATED C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.13557	\$ 0.02929		\$ 0.16486
Transport-CONSOLIDATED C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02819	\$ 0.02929		\$ 0.05748
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00810			\$ 0.00810
Transport-CONSOLIDATED C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.12018		\$ 0.02929	\$ 0.14947	
Transport-CONSOLIDATED C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.08973		\$ 0.02929	\$ 0.11902	
Transport-CONSOLIDATED C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.02648		\$ 0.02929	\$ 0.05577	
Transport-CONSOLIDATED C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00568		\$ 0.02929	\$ 0.03497	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.08973	\$ 0.13557	\$ 0.02929	\$ 0.11902	\$ 0.16486
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00568	\$ 0.00810		\$ 0.00568	\$ 0.00810

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES (INCLUDING GAS COSTS)

Table with columns for Proposed Rates (Fixed Monthly, Interruptible Distribution Charge, Firm Distribution Charge, CCRC, Cost of Gas) and Proposed Revenues (Fixed Monthly, Interruptible Distribution Charge, Firm Distribution Charge, CCRC, Cost of Gas, Total). It also includes a section for Percentage Increase(Decrease) of Revenues. Rows are categorized by MERC Customer Class, including NNG SALES, CONSOLIDATED SALES, NNG TRANSPORT, and CONSOLIDATED TRANSPORT.

**MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES (INCLUDING GAS COSTS)**

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	\$ 207,891,300	\$ 230,672,684	\$ 22,781,383	10.96%
GS-NNG Residential Farm-Tap Sales	\$ 2,334,290	\$ 2,602,429	\$ 268,139	11.49%
GS-NNG C&I FIRM Class 1	\$ 9,080,561	\$ 9,883,217	\$ 802,656	8.84%
GS-NNG C&I Farm-Tap Class 1	\$ 199,053	\$ 217,842	\$ 18,789	9.44%
GS-NNG C&I FIRM Class 2	\$ 87,553,564	\$ 93,887,865	\$ 6,334,301	7.23%
GS-NNG C&I FIRM Class 3	\$ 8,019,792	\$ 8,327,327	\$ 307,535	3.83%
GS-NNG C&I Farm-Tap Class 2	\$ 2,732,540	\$ 2,934,600	\$ 202,060	7.39%
GS-NNG C&I Farm-Tap Class 3	\$ 780,571	\$ 810,736	\$ 30,164	3.86%
NNG C&I INT Class 2	\$ 6,431,619	\$ 6,744,337	\$ 312,718	4.86%
NNG C&I INT Class 3	\$ 9,770,948	\$ 10,033,797	\$ 262,849	2.69%
NNG Agriculture Grain Dryer - Class 1	\$ 713,545	\$ 760,907	\$ 47,362	6.64%
NNG Agriculture Grain Dryer - Class 2	\$ 2,651,811	\$ 2,760,943	\$ 109,132	4.12%
NNG Electric Generation - Class 1	\$ 98,081	\$ 102,389	\$ 4,308	4.39%
NNG C&I Firm/Interruptible Class 2	\$ 82,347	\$ 88,433	\$ 6,086	7.39%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	\$ 30,189,485	\$ 34,165,552	\$ 3,976,067	13.17%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 2,364,911	\$ 2,613,074	\$ 248,163	10.49%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 20,161,678	\$ 21,937,674	\$ 1,775,996	8.81%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 1,337,791	\$ 1,402,036	\$ 64,246	4.80%
CONSOLIDATED C&I INT Class 2	\$ 1,220,519	\$ 1,294,484	\$ 73,965	6.06%
CONSOLIDATED C&I INT Class 3	\$ 1,022,176	\$ 1,056,524	\$ 34,348	3.36%
CONSOLIDATED C&I INT Class 4	\$ 1,645,500	\$ 1,663,912	\$ 18,412	1.12%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 44,790	\$ 48,289	\$ 3,499	7.81%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 145,797	\$ 153,263	\$ 7,466	5.12%
CONSOLIDATED Electric Generation - Class 1	\$ 10,409	\$ 10,981	\$ 572	5.50%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 185,817	\$ 201,734	\$ 15,917	8.57%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	\$ 367,598	\$ 512,751	\$ 145,153	39.49%
Transport-NNG C&I FIRM Class 3	\$ 770,878	\$ 992,531	\$ 221,653	28.75%
Transport-NNG C&I FIRM Class 4	\$ 65,902	\$ 74,953	\$ 9,050	13.73%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 42,895	\$ 62,006	\$ 19,112	44.56%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 336,110	\$ 507,606	\$ 171,496	51.02%
Transport-NNG C&I INT Class 2	\$ 197,431	\$ 261,892	\$ 64,462	32.65%
Transport-NNG C&I INT Class 3	\$ 1,946,727	\$ 2,414,312	\$ 467,586	24.02%
Transport-NNG C&I INT Class 4	\$ 612,700	\$ 704,234	\$ 91,534	14.94%
Transport-NNG C&I INT Class 5	\$ 331,610	\$ 340,280	\$ 8,669	2.61%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,163,675	\$ 1,465,538	\$ 301,863	25.94%
Transport-NNG Electric Generation INT Class 2	\$ 50,593	\$ 51,848	\$ 1,255	2.48%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 17,348	\$ 20,356	\$ 3,008	17.34%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 61,154	\$ 82,657	\$ 21,503	35.16%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 950,538	\$ 1,194,724	\$ 244,187	25.69%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 231,033	\$ 264,203	\$ 33,170	14.36%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 151,318	\$ 155,699	\$ 4,381	2.89%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 314,812	\$ 424,901	\$ 110,090	34.97%
Transport for Resale	\$ 28,935	\$ 31,279	\$ 2,344	8.10%
LVJ-NNG Flex Transport (Cust "A")	\$ 217,865	\$ 243,568	\$ 25,702	11.80%
LVI-NNG Flex Transport (Cust "B")				
LVI-NNG Flex Transport (Cust "C")				
LVI-NNG Flex Transport (Cust "D")				
LVJ-NNG Flex Transport (Cust "E")				
LVJ-NNG Flex Transport (Cust "F")	\$ 188,538	\$ 214,002	\$ 25,464	13.51%
LVJ-NNG Flex Transport (Cust "G")	\$ 60,161	\$ 66,768	\$ 6,607	10.98%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 331,145	\$ 456,929	\$ 125,785	37.98%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 10,708	\$ 15,749	\$ 5,041	47.08%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 636,823	\$ 823,146	\$ 186,323	29.26%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 76,122	\$ 86,664	\$ 10,542	13.85%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 263,290	\$ 393,761	\$ 130,471	49.55%
Transport-CONSOLIDATED C&I INT Class 2	\$ 67,608	\$ 89,868	\$ 22,260	32.93%
Transport-CONSOLIDATED C&I INT Class 3	\$ 458,896	\$ 564,532	\$ 105,636	23.02%
Transport-CONSOLIDATED C&I INT Class 4	\$ 76,471	\$ 87,819	\$ 11,348	14.84%
Transport-CONSOLIDATED C&I INT Class 5	\$ 167,454	\$ 172,008	\$ 4,554	2.72%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 54,237	\$ 67,062	\$ 12,826	23.65%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 64,504	\$ 87,301	\$ 22,796	35.34%
Total NNG Sales Customers	\$ 338,340,024	\$ 369,827,506	\$ 31,487,482	9.31%
Total Consolidated Sales Customers	\$ 58,328,873	\$ 64,547,523	\$ 6,218,650	10.66%
TOTAL SALES CUSTOMERS	\$ 396,668,897	\$ 434,375,029	\$ 37,706,132	9.51%
Total NNG Transport Customers	\$ 8,107,819	\$ 10,086,108	\$ 1,978,289	24.40%
Total Consolidated Transport Customers	\$ 2,207,259	\$ 2,844,840	\$ 637,581	28.89%
TOTAL TRANSPORT CUSTOMERS	\$ 10,315,079	\$ 12,930,949	\$ 2,615,870	25.36%
Total NNG Customers	\$ 346,447,843	\$ 379,913,614	\$ 33,465,771	9.66%
Total Consolidated Customers	\$ 60,536,132	\$ 67,392,364	\$ 6,856,231	11.33%
TOTAL	\$ 406,983,976	\$ 447,305,978	\$ 40,322,002	9.91%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-NNG Residential Sales

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$38.52	\$462.20	\$42.06	\$504.78	9.21%
30	\$44.32	\$531.84	\$48.58	\$582.93	9.61%	9.61%
45	\$61.73	\$740.76	\$68.12	\$817.40	10.35%	10.35%
60	\$79.14	\$949.68	\$87.66	\$1,051.86	10.76%	10.76%
75	\$96.55	\$1,158.60	\$107.19	\$1,286.33	11.02%	11.02%
100	\$125.57	\$1,506.80	\$139.76	\$1,677.11	11.30%	11.30%
125	\$154.58	\$1,855.01	\$172.32	\$2,067.89	11.48%	11.48%
150	\$183.60	\$2,203.21	\$204.89	\$2,458.66	11.59%	11.59%
200	\$241.63	\$2,899.61	\$270.02	\$3,240.22	11.75%	11.75%
250	\$299.67	\$3,596.01	\$335.15	\$4,021.77	11.84%	11.84%

GS-NNG Residential Sales

GS-NNG Residential Farm-Tap Sales

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$38.52	\$462.20	\$42.06	\$504.78	9.21%
30	\$44.32	\$531.84	\$48.58	\$582.93	9.61%	9.61%
45	\$61.73	\$740.76	\$68.12	\$817.40	10.35%	10.35%
60	\$79.14	\$949.68	\$87.66	\$1,051.86	10.76%	10.76%
75	\$96.55	\$1,158.60	\$107.19	\$1,286.33	11.02%	11.02%
100	\$125.57	\$1,506.80	\$139.76	\$1,677.11	11.30%	11.30%
125	\$154.58	\$1,855.01	\$172.32	\$2,067.89	11.48%	11.48%
150	\$183.60	\$2,203.21	\$204.89	\$2,458.66	11.59%	11.59%
200	\$241.63	\$2,899.61	\$270.02	\$3,240.22	11.75%	11.75%
250	\$299.67	\$3,596.01	\$335.15	\$4,021.77	11.84%	11.84%

GS-NNG Residential Farm-Tap Sales

GS-NNG C&I FIRM Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$46.41	\$556.90	\$49.47	\$593.62	6.59%
30	\$52.09	\$625.08	\$55.76	\$669.14	7.05%	7.05%
45	\$69.13	\$829.61	\$74.64	\$895.71	7.97%	7.97%
60	\$86.18	\$1,034.15	\$93.52	\$1,122.28	8.52%	8.52%
75	\$103.22	\$1,238.69	\$112.40	\$1,348.85	8.89%	8.89%
100	\$131.63	\$1,579.58	\$143.87	\$1,726.46	9.30%	9.30%
125	\$160.04	\$1,920.48	\$175.34	\$2,104.08	9.56%	9.56%
150	\$188.45	\$2,261.38	\$206.81	\$2,481.70	9.74%	9.74%
200	\$245.26	\$2,943.17	\$269.74	\$3,236.93	9.98%	9.98%
250	\$302.08	\$3,624.96	\$332.68	\$3,992.16	10.13%	10.13%

GS-NNG C&I FIRM Class 1

GS-NNG C&I Farm-Tap Class 1

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$46.41	\$556.90	\$49.47	\$593.62	6.59%
30	\$52.09	\$625.08	\$55.76	\$669.14	7.05%	7.05%
45	\$69.13	\$829.61	\$74.64	\$895.71	7.97%	7.97%
60	\$86.18	\$1,034.15	\$93.52	\$1,122.28	8.52%	8.52%
75	\$103.22	\$1,238.69	\$112.40	\$1,348.85	8.89%	8.89%
100	\$131.63	\$1,579.58	\$143.87	\$1,726.46	9.30%	9.30%
125	\$160.04	\$1,920.48	\$175.34	\$2,104.08	9.56%	9.56%
150	\$188.45	\$2,261.38	\$206.81	\$2,481.70	9.74%	9.74%
200	\$245.26	\$2,943.17	\$269.74	\$3,236.93	9.98%	9.98%
250	\$302.08	\$3,624.96	\$332.68	\$3,992.16	10.13%	10.13%

GS-NNG C&I Farm-Tap Class 1

GS-NNG C&I FIRM Class 2

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$180.30	\$2,163.57	\$190.74	\$2,288.85	5.79%
200	\$261.48	\$3,137.71	\$278.18	\$3,338.16	6.39%	6.39%
300	\$369.71	\$4,436.57	\$394.77	\$4,737.24	6.78%	6.78%
500	\$586.19	\$7,034.28	\$627.95	\$7,535.40	7.12%	7.12%
600	\$694.43	\$8,333.14	\$744.54	\$8,934.48	7.22%	7.22%
800	\$910.90	\$10,930.85	\$977.72	\$11,732.64	7.34%	7.34%
1,000	\$1,127.38	\$13,528.56	\$1,210.90	\$14,530.80	7.41%	7.41%
1,200	\$1,343.86	\$16,126.27	\$1,444.08	\$17,328.96	7.46%	7.46%
1,400	\$1,560.33	\$18,723.98	\$1,677.26	\$20,127.12	7.49%	7.49%
1,600	\$1,776.81	\$21,321.70	\$1,910.44	\$22,925.28	7.52%	7.52%

GS-NNG C&I FIRM Class 2

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-NNG C&I FIRM Class 3

GS-NNG C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$2,241.68	\$26,900.16	\$2,322.34	\$27,868.08	3.60%
5,000	\$5,356.70	\$64,280.40	\$5,558.35	\$66,700.20	3.76%	3.76%
10,000	\$10,548.40	\$126,580.80	\$10,951.70	\$131,420.40	3.82%	3.82%
15,000	\$15,740.10	\$188,881.20	\$16,345.05	\$196,140.60	3.84%	3.84%
20,000	\$20,931.80	\$251,181.60	\$21,738.40	\$260,860.80	3.85%	3.85%
30,000	\$31,315.20	\$375,782.40	\$32,525.10	\$390,301.20	3.86%	3.86%
40,000	\$41,698.60	\$500,383.20	\$43,311.80	\$519,741.60	3.87%	3.87%
50,000	\$52,082.00	\$624,984.00	\$54,098.50	\$649,182.00	3.87%	3.87%
60,000	\$62,465.40	\$749,584.80	\$64,885.20	\$778,622.40	3.87%	3.87%
70,000	\$72,848.80	\$874,185.60	\$75,671.90	\$908,062.80	3.88%	3.88%

GS-NNG C&I Farm-Tap Class 2

GS-NNG C&I Farm-Tap Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$180.30	\$2,163.57	\$190.74	\$2,288.85	5.79%
200	\$261.48	\$3,137.71	\$278.18	\$3,338.16	6.39%	6.39%
300	\$369.71	\$4,436.57	\$394.77	\$4,737.24	6.78%	6.78%
500	\$586.19	\$7,034.28	\$627.95	\$7,535.40	7.12%	7.12%
600	\$694.43	\$8,333.14	\$744.54	\$8,934.48	7.22%	7.22%
800	\$910.90	\$10,930.85	\$977.72	\$11,732.64	7.34%	7.34%
1,000	\$1,127.38	\$13,528.56	\$1,210.90	\$14,530.80	7.41%	7.41%
1,200	\$1,343.86	\$16,126.27	\$1,444.08	\$17,328.96	7.46%	7.46%
1,400	\$1,560.33	\$18,723.98	\$1,677.26	\$20,127.12	7.49%	7.49%
1,600	\$1,776.81	\$21,321.70	\$1,910.44	\$22,925.28	7.52%	7.52%

GS-NNG C&I Farm-Tap Class 3

GS-NNG C&I Farm-Tap Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$2,241.68	\$26,900.16	\$2,322.34	\$27,868.08	3.60%
5,000	\$5,356.70	\$64,280.40	\$5,558.35	\$66,700.20	3.76%	3.76%
10,000	\$10,548.40	\$126,580.80	\$10,951.70	\$131,420.40	3.82%	3.82%
15,000	\$15,740.10	\$188,881.20	\$16,345.05	\$196,140.60	3.84%	3.84%
20,000	\$20,931.80	\$251,181.60	\$21,738.40	\$260,860.80	3.85%	3.85%
30,000	\$31,315.20	\$375,782.40	\$32,525.10	\$390,301.20	3.86%	3.86%
40,000	\$41,698.60	\$500,383.20	\$43,311.80	\$519,741.60	3.87%	3.87%
50,000	\$52,082.00	\$624,984.00	\$54,098.50	\$649,182.00	3.87%	3.87%
60,000	\$62,465.40	\$749,584.80	\$64,885.20	\$778,622.40	3.87%	3.87%
70,000	\$72,848.80	\$874,185.60	\$75,671.90	\$908,062.80	3.88%	3.88%

NNG C&I INT Class 2

NNG C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$159.04	\$1,908.45	\$164.66	\$1,975.86	3.53%
200	\$227.46	\$2,729.52	\$236.45	\$2,837.38	3.95%	3.95%
300	\$318.69	\$3,824.28	\$332.17	\$3,986.06	4.23%	4.23%
500	\$501.15	\$6,013.80	\$523.62	\$6,283.44	4.48%	4.48%
600	\$592.38	\$7,108.56	\$619.34	\$7,432.13	4.55%	4.55%
800	\$774.84	\$9,298.08	\$810.79	\$9,729.50	4.64%	4.64%
1,000	\$957.30	\$11,487.60	\$1,002.24	\$12,026.88	4.69%	4.69%
1,200	\$1,139.76	\$13,677.12	\$1,193.69	\$14,324.26	4.73%	4.73%
1,400	\$1,322.22	\$15,866.64	\$1,385.14	\$16,621.63	4.76%	4.76%
1,600	\$1,504.68	\$18,056.16	\$1,576.58	\$18,919.01	4.78%	4.78%

NNG C&I INT Class 3

NNG C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,969.60	\$23,635.20	\$2,018.58	\$24,222.96	2.49%
5,000	\$4,676.50	\$56,118.00	\$4,798.95	\$57,587.40	2.62%	2.62%
10,000	\$9,188.00	\$110,256.00	\$9,432.90	\$113,194.80	2.67%	2.67%
15,000	\$13,699.50	\$164,394.00	\$14,066.85	\$168,802.20	2.68%	2.68%
20,000	\$18,211.00	\$218,532.00	\$18,700.80	\$224,409.60	2.69%	2.69%
30,000	\$27,234.00	\$326,808.00	\$27,968.70	\$335,624.40	2.70%	2.70%
40,000	\$36,257.00	\$435,084.00	\$37,236.60	\$446,839.20	2.70%	2.70%
50,000	\$45,280.00	\$543,360.00	\$46,504.50	\$558,054.00	2.70%	2.70%
60,000	\$54,303.00	\$651,636.00	\$55,772.40	\$669,268.80	2.71%	2.71%
70,000	\$63,326.00	\$759,912.00	\$65,040.30	\$780,483.60	2.71%	2.71%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

NNG Agriculture Grain Dryer - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$162.16	\$1,945.95	\$170.41	\$2,044.97	5.09%
200	\$232.46	\$2,789.52	\$245.66	\$2,947.94	5.68%	5.68%
300	\$326.19	\$3,914.28	\$345.99	\$4,151.92	6.07%	6.07%
500	\$513.65	\$6,163.80	\$546.66	\$6,559.86	6.43%	6.43%
600	\$607.38	\$7,288.56	\$646.99	\$7,763.83	6.52%	6.52%
800	\$794.84	\$9,538.08	\$847.65	\$10,171.78	6.64%	6.64%
1,000	\$982.30	\$11,787.60	\$1,048.31	\$12,579.72	6.72%	6.72%
1,200	\$1,169.76	\$14,037.12	\$1,248.97	\$14,987.66	6.77%	6.77%
1,400	\$1,357.22	\$16,286.64	\$1,449.63	\$17,395.61	6.81%	6.81%
1,600	\$1,544.68	\$18,536.16	\$1,650.30	\$19,803.55	6.84%	6.84%

NNG Agriculture Grain Dryer - Class 1

NNG Agriculture Grain Dryer - Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,823.54	\$21,882.48	\$1,897.70	\$22,772.40	4.07%
5,000	\$4,491.35	\$53,896.20	\$4,676.75	\$56,121.00	4.13%	4.13%
10,000	\$8,937.70	\$107,252.40	\$9,308.50	\$111,702.00	4.15%	4.15%
12,000	\$10,716.24	\$128,594.88	\$11,161.20	\$133,934.40	4.15%	4.15%
15,000	\$13,384.05	\$160,608.60	\$13,940.25	\$167,283.00	4.16%	4.16%
20,000	\$17,830.40	\$213,964.80	\$18,572.00	\$222,864.00	4.16%	4.16%
25,000	\$22,276.75	\$267,321.00	\$23,203.75	\$278,445.00	4.16%	4.16%
30,000	\$26,723.10	\$320,677.20	\$27,835.50	\$334,026.00	4.16%	4.16%
35,000	\$31,169.45	\$374,033.40	\$32,467.25	\$389,607.00	4.16%	4.16%
40,000	\$35,615.80	\$427,389.60	\$37,099.00	\$445,188.00	4.16%	4.16%

NNG Agriculture Grain Dryer - Class 2

NNG Electric Generation - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,859.60	\$22,315.20	\$1,943.46	\$23,321.52	4.51%
5,000	\$4,581.50	\$54,978.00	\$4,791.15	\$57,493.80	4.58%	4.58%
10,000	\$9,118.00	\$109,416.00	\$9,537.30	\$114,447.60	4.60%	4.60%
12,000	\$10,932.60	\$131,191.20	\$11,435.76	\$137,229.12	4.60%	4.60%
15,000	\$13,654.50	\$163,854.00	\$14,283.45	\$171,401.40	4.61%	4.61%
20,000	\$18,191.00	\$218,292.00	\$19,029.60	\$228,355.20	4.61%	4.61%
25,000	\$22,727.50	\$272,730.00	\$23,775.75	\$285,309.00	4.61%	4.61%
30,000	\$27,264.00	\$327,168.00	\$28,521.90	\$342,262.80	4.61%	4.61%
35,000	\$31,800.50	\$381,606.00	\$33,268.05	\$399,216.60	4.61%	4.61%
40,000	\$36,337.00	\$436,044.00	\$38,014.20	\$456,170.40	4.62%	4.62%

NNG Electric Generation - Class 1

NNG C&I Firm/Interruptible Class 2

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$163.04	\$1,956.48	\$171.07	\$2,052.83	4.92%
200	\$233.86	\$2,806.37	\$246.71	\$2,960.52	5.49%	5.49%
300	\$328.30	\$3,939.55	\$347.57	\$4,170.78	5.87%	5.87%
500	\$517.16	\$6,205.92	\$549.28	\$6,591.30	6.21%	6.21%
600	\$611.59	\$7,339.10	\$650.13	\$7,801.56	6.30%	6.30%
800	\$800.46	\$9,605.47	\$851.84	\$10,222.08	6.42%	6.42%
1,000	\$989.32	\$11,871.84	\$1,053.55	\$12,642.60	6.49%	6.49%
1,200	\$1,178.18	\$14,138.21	\$1,255.26	\$15,063.12	6.54%	6.54%
1,400	\$1,367.05	\$16,404.58	\$1,456.97	\$17,483.64	6.58%	6.58%
1,600	\$1,555.91	\$18,670.94	\$1,658.68	\$19,904.16	6.61%	6.61%

NNG C&I Firm/Interruptible Class 2

GS-CONSOLIDATED Residential Sales

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$33.13	\$397.61	\$36.68	\$440.18	10.71%
30	\$37.86	\$454.33	\$42.12	\$505.42	11.25%	11.25%
45	\$52.04	\$624.49	\$58.43	\$701.13	12.27%	12.27%
60	\$66.22	\$794.66	\$74.74	\$896.84	12.86%	12.86%
75	\$80.40	\$964.82	\$91.05	\$1,092.55	13.24%	13.24%
100	\$104.04	\$1,248.43	\$118.23	\$1,418.74	13.64%	13.64%
125	\$127.67	\$1,532.04	\$145.41	\$1,744.92	13.90%	13.90%
150	\$151.30	\$1,815.65	\$172.59	\$2,071.10	14.07%	14.07%
200	\$198.57	\$2,382.86	\$226.96	\$2,723.47	14.29%	14.29%
250	\$245.84	\$2,950.08	\$281.32	\$3,375.84	14.43%	14.43%

GS-CONSOLIDATED Residential Sales

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-CONSOLIDATED C&I FIRM Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$41.03	\$492.30	\$44.09	\$529.02	7.46%
30	\$45.63	\$547.56	\$49.30	\$591.63	8.05%	8.05%
45	\$59.45	\$713.35	\$64.95	\$779.44	9.27%	9.27%
60	\$73.26	\$879.13	\$80.60	\$967.26	10.02%	10.02%
75	\$87.08	\$1,044.91	\$96.26	\$1,155.07	10.54%	10.54%
100	\$110.10	\$1,321.21	\$122.34	\$1,468.09	11.12%	11.12%
125	\$133.13	\$1,597.52	\$148.43	\$1,781.12	11.49%	11.49%
150	\$156.15	\$1,873.82	\$174.51	\$2,094.14	11.76%	11.76%
200	\$202.20	\$2,426.42	\$226.68	\$2,720.18	12.11%	12.11%
250	\$248.25	\$2,979.03	\$278.85	\$3,346.23	12.33%	12.33%

GS-CONSOLIDATED C&I FIRM Class 1

GS-CONSOLIDATED C&I FIRM Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$153.38	\$1,840.61	\$163.82	\$1,965.89	6.81%
200	\$218.41	\$2,620.97	\$235.12	\$2,821.42	7.65%	7.65%
300	\$305.12	\$3,661.45	\$330.18	\$3,962.12	8.21%	8.21%
500	\$478.54	\$5,742.42	\$520.30	\$6,243.54	8.73%	8.73%
600	\$565.24	\$6,782.90	\$615.35	\$7,384.25	8.87%	8.87%
800	\$738.66	\$8,863.87	\$805.47	\$9,665.66	9.05%	9.05%
1,000	\$912.07	\$10,944.84	\$995.59	\$11,947.08	9.16%	9.16%
1,200	\$1,085.48	\$13,025.81	\$1,185.71	\$14,228.50	9.23%	9.23%
1,400	\$1,258.90	\$15,106.78	\$1,375.83	\$16,509.91	9.29%	9.29%
1,600	\$1,432.31	\$17,187.74	\$1,565.94	\$18,791.33	9.33%	9.33%

GS-CONSOLIDATED C&I FIRM Class 2

GS-CONSOLIDATED C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,811.06	\$21,732.72	\$1,891.72	\$22,700.64	4.45%
5,000	\$4,280.15	\$51,361.80	\$4,481.80	\$53,781.60	4.71%	4.71%
10,000	\$8,395.30	\$100,743.60	\$8,798.60	\$105,583.20	4.80%	4.80%
15,000	\$12,510.45	\$150,125.40	\$13,115.40	\$157,384.80	4.84%	4.84%
20,000	\$16,625.60	\$199,507.20	\$17,432.20	\$209,186.40	4.85%	4.85%
30,000	\$24,855.90	\$298,270.80	\$26,065.80	\$312,789.60	4.87%	4.87%
40,000	\$33,086.20	\$397,034.40	\$34,699.40	\$416,392.80	4.88%	4.88%
50,000	\$41,316.50	\$495,798.00	\$43,333.00	\$519,996.00	4.88%	4.88%
60,000	\$49,546.80	\$594,561.60	\$51,966.60	\$623,599.20	4.88%	4.88%
70,000	\$57,777.10	\$693,325.20	\$60,600.20	\$727,202.40	4.89%	4.89%

GS-CONSOLIDATED C&I FIRM Class 3

CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$136.04	\$1,632.50	\$141.66	\$1,699.91	4.13%
200	\$190.67	\$2,287.99	\$199.65	\$2,395.85	4.71%	4.71%
300	\$263.50	\$3,161.99	\$276.98	\$3,323.77	5.12%	5.12%
500	\$409.17	\$4,909.98	\$431.64	\$5,179.62	5.49%	5.49%
600	\$482.00	\$5,783.98	\$508.96	\$6,107.54	5.59%	5.59%
800	\$627.66	\$7,531.97	\$663.62	\$7,963.39	5.73%	5.73%
1,000	\$773.33	\$9,279.96	\$818.27	\$9,819.24	5.81%	5.81%
1,200	\$919.00	\$11,027.95	\$972.92	\$11,675.09	5.87%	5.87%
1,400	\$1,064.66	\$12,775.94	\$1,127.58	\$13,530.94	5.91%	5.91%
1,600	\$1,210.33	\$14,523.94	\$1,282.23	\$15,386.78	5.94%	5.94%

CONSOLIDATED C&I INT Class 2

CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,601.66	\$19,219.92	\$1,650.64	\$19,807.68	3.06%
5,000	\$3,756.65	\$45,079.80	\$3,879.10	\$46,549.20	3.26%	3.26%
10,000	\$7,348.30	\$88,179.60	\$7,593.20	\$91,118.40	3.33%	3.33%
15,000	\$10,939.95	\$131,279.40	\$11,307.30	\$135,687.60	3.36%	3.36%
20,000	\$14,531.60	\$174,379.20	\$15,021.40	\$180,256.80	3.37%	3.37%
30,000	\$21,714.90	\$260,578.80	\$22,449.60	\$269,395.20	3.38%	3.38%
40,000	\$28,898.20	\$346,778.40	\$29,877.80	\$358,533.60	3.39%	3.39%
50,000	\$36,081.50	\$432,978.00	\$37,306.00	\$447,672.00	3.39%	3.39%
60,000	\$43,264.80	\$519,177.60	\$44,734.20	\$536,810.40	3.40%	3.40%
70,000	\$50,448.10	\$605,377.20	\$52,162.40	\$625,948.80	3.40%	3.40%

CONSOLIDATED C&I INT Class 3

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$47,227.10	\$566,725.20	\$47,754.90	\$573,058.80	1.12%
80,000	\$53,947.40	\$647,368.80	\$54,550.60	\$654,607.20	1.12%	1.12%
90,000	\$60,667.70	\$728,012.40	\$61,346.30	\$736,155.60	1.12%	1.12%
100,000	\$67,388.00	\$808,656.00	\$68,142.00	\$817,704.00	1.12%	1.12%
110,000	\$74,108.30	\$889,299.60	\$74,937.70	\$899,252.40	1.12%	1.12%
120,000	\$80,828.60	\$969,943.20	\$81,733.40	\$980,800.80	1.12%	1.12%
130,000	\$87,548.90	\$1,050,586.80	\$88,529.10	\$1,062,349.20	1.12%	1.12%
140,000	\$94,269.20	\$1,131,230.40	\$95,324.80	\$1,143,897.60	1.12%	1.12%
150,000	\$100,989.50	\$1,211,874.00	\$102,120.50	\$1,225,446.00	1.12%	1.12%
160,000	\$107,709.80	\$1,292,517.60	\$108,916.20	\$1,306,994.40	1.12%	1.12%

CONSOLIDATED C&I INT Class 4

CONSOLIDATED Agriculture Grain Dryer - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$139.17	\$1,670.00	\$147.42	\$1,769.01	5.93%
200	\$195.67	\$2,347.99	\$208.87	\$2,506.42	6.75%	6.75%
300	\$271.00	\$3,251.99	\$290.80	\$3,489.62	7.31%	7.31%
500	\$421.67	\$5,059.98	\$454.67	\$5,456.04	7.83%	7.83%
600	\$497.00	\$5,963.98	\$536.60	\$6,439.25	7.97%	7.97%
800	\$647.66	\$7,771.97	\$700.47	\$8,405.66	8.15%	8.15%
1,000	\$798.33	\$9,579.96	\$864.34	\$10,372.08	8.27%	8.27%
1,200	\$949.00	\$11,387.95	\$1,028.21	\$12,338.50	8.35%	8.35%
1,400	\$1,099.66	\$13,195.94	\$1,192.08	\$14,304.91	8.40%	8.40%
1,600	\$1,250.33	\$15,003.94	\$1,355.94	\$16,271.33	8.45%	8.45%

CONSOLIDATED Agriculture Grain Dryer - Class 1

CONSOLIDATED Agriculture Grain Dryer - Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,455.60	\$17,467.20	\$1,529.76	\$18,357.12	5.09%
5,000	\$3,571.50	\$42,858.00	\$3,756.90	\$45,082.80	5.19%	5.19%
10,000	\$7,098.00	\$85,176.00	\$7,468.80	\$89,625.60	5.22%	5.22%
12,000	\$8,508.60	\$102,103.20	\$8,953.56	\$107,442.72	5.23%	5.23%
15,000	\$10,624.50	\$127,494.00	\$11,180.70	\$134,168.40	5.24%	5.24%
20,000	\$14,151.60	\$169,812.00	\$14,892.60	\$178,711.20	5.24%	5.24%
25,000	\$17,677.50	\$212,130.00	\$18,604.50	\$223,254.00	5.24%	5.24%
30,000	\$21,204.00	\$254,448.00	\$22,316.40	\$267,796.80	5.25%	5.25%
35,000	\$24,730.50	\$296,766.00	\$26,028.30	\$312,339.60	5.25%	5.25%
40,000	\$28,257.00	\$339,084.00	\$29,740.20	\$356,882.40	5.25%	5.25%

CONSOLIDATED Agriculture Grain Dryer - Class 2

CONSOLIDATED Electric Generation - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$1,491.66	\$17,899.92	\$1,575.52	\$18,906.24	5.62%
5,000	\$3,661.65	\$43,939.80	\$3,871.30	\$46,455.60	5.73%	5.73%
10,000	\$7,278.30	\$87,339.60	\$7,697.60	\$92,371.20	5.76%	5.76%
12,000	\$8,724.96	\$104,699.52	\$9,228.12	\$110,737.44	5.77%	5.77%
15,000	\$10,894.95	\$130,739.40	\$11,523.90	\$138,286.80	5.77%	5.77%
20,000	\$14,511.60	\$174,139.20	\$15,350.20	\$184,202.40	5.78%	5.78%
25,000	\$18,128.25	\$217,539.00	\$19,176.50	\$230,118.00	5.78%	5.78%
30,000	\$21,744.90	\$260,938.80	\$23,002.80	\$276,033.60	5.78%	5.78%
35,000	\$25,361.55	\$304,338.60	\$26,829.10	\$321,949.20	5.79%	5.79%
40,000	\$28,978.20	\$347,738.40	\$30,655.40	\$367,864.80	5.79%	5.79%

CONSOLIDATED Electric Generation - Class 1

CONSOLIDATED C&I Firm/Interruptible Class 2

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$140.04	\$1,680.53	\$148.07	\$1,776.87	5.73%
200	\$197.07	\$2,364.84	\$209.92	\$2,518.99	6.52%	6.52%
300	\$273.11	\$3,277.26	\$292.37	\$3,508.49	7.06%	7.06%
500	\$425.18	\$5,102.10	\$457.29	\$5,487.48	7.55%	7.55%
600	\$501.21	\$6,014.52	\$539.75	\$6,476.98	7.69%	7.69%
800	\$653.28	\$7,839.36	\$704.66	\$8,455.97	7.87%	7.87%
1,000	\$805.35	\$9,664.20	\$869.58	\$10,434.96	7.98%	7.98%
1,200	\$957.42	\$11,489.04	\$1,034.50	\$12,413.95	8.05%	8.05%
1,400	\$1,109.49	\$13,313.88	\$1,199.41	\$14,392.94	8.10%	8.10%
1,600	\$1,261.56	\$15,138.72	\$1,364.33	\$16,371.94	8.15%	8.15%

CONSOLIDATED C&I Firm/Interruptible Class 2

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG C&I FIRM Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$216.07	\$2,592.86	\$226.51	\$2,718.14	4.83%
200	\$228.71	\$2,744.57	\$245.42	\$2,945.02	7.30%	7.30%
300	\$245.57	\$2,946.85	\$270.63	\$3,247.52	10.20%	10.20%
500	\$279.29	\$3,351.42	\$321.05	\$3,852.54	14.95%	14.95%
600	\$296.14	\$3,553.70	\$346.25	\$4,155.05	16.92%	16.92%
800	\$329.86	\$3,958.27	\$396.67	\$4,760.06	20.26%	20.26%
1,000	\$363.57	\$4,362.84	\$447.09	\$5,365.08	22.97%	22.97%
1,200	\$397.28	\$4,767.41	\$497.51	\$5,970.10	25.23%	25.23%
1,400	\$431.00	\$5,171.98	\$547.93	\$6,575.11	27.13%	27.13%
1,600	\$464.71	\$5,576.54	\$598.34	\$7,180.13	28.76%	28.76%

Transport-NNG C&I FIRM Class 2

Transport-NNG C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$564.06	\$6,768.72	\$644.72	\$7,736.64	14.30%
5,000	\$937.65	\$11,251.80	\$1,139.30	\$13,671.60	21.51%	21.51%
10,000	\$1,560.30	\$18,723.60	\$1,963.60	\$23,563.20	25.85%	25.85%
15,000	\$2,182.95	\$26,195.40	\$2,787.90	\$33,454.80	27.71%	27.71%
20,000	\$2,805.60	\$33,667.20	\$3,612.20	\$43,346.40	28.75%	28.75%
30,000	\$4,050.90	\$48,610.80	\$5,260.80	\$63,129.60	29.87%	29.87%
40,000	\$5,296.20	\$63,554.40	\$6,909.40	\$82,912.80	30.46%	30.46%
50,000	\$6,541.50	\$78,498.00	\$8,558.00	\$102,696.00	30.83%	30.83%
60,000	\$7,786.80	\$93,441.60	\$10,206.60	\$122,479.20	31.08%	31.08%
70,000	\$9,032.10	\$108,385.20	\$11,855.20	\$142,262.40	31.26%	31.26%

Transport-NNG C&I FIRM Class 3

Transport-NNG C&I FIRM Class 4

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$3,846.20	\$46,154.40	\$4,358.60	\$52,303.20	13.32%
80,000	\$4,347.80	\$52,173.60	\$4,933.40	\$59,200.80	13.47%	13.47%
90,000	\$4,849.40	\$58,192.80	\$5,508.20	\$66,098.40	13.59%	13.59%
100,000	\$5,351.00	\$64,212.00	\$6,083.00	\$72,996.00	13.68%	13.68%
110,000	\$5,852.60	\$70,231.20	\$6,657.80	\$79,893.60	13.76%	13.76%
120,000	\$6,354.20	\$76,250.40	\$7,232.60	\$86,791.20	13.82%	13.82%
130,000	\$6,855.80	\$82,269.60	\$7,807.40	\$93,688.80	13.88%	13.88%
140,000	\$7,357.40	\$88,288.80	\$8,382.20	\$100,586.40	13.93%	13.93%
150,000	\$7,859.00	\$94,308.00	\$8,957.00	\$107,484.00	13.97%	13.97%
160,000	\$8,360.60	\$100,327.20	\$9,531.80	\$114,381.60	14.01%	14.01%

Transport-NNG C&I FIRM Class 4

Transport-NNG C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$1,576.00	\$18,912.00	\$2,130.00	\$25,560.00	35.15%
300,000	\$2,109.00	\$25,308.00	\$2,940.00	\$35,280.00	39.40%	39.40%
400,000	\$2,642.00	\$31,704.00	\$3,750.00	\$45,000.00	41.94%	41.94%
500,000	\$3,175.00	\$38,100.00	\$4,560.00	\$54,720.00	43.62%	43.62%
600,000	\$3,708.00	\$44,496.00	\$5,370.00	\$64,440.00	44.82%	44.82%
700,000	\$4,241.00	\$50,892.00	\$6,180.00	\$74,160.00	45.72%	45.72%
800,000	\$4,774.00	\$57,288.00	\$6,990.00	\$83,880.00	46.42%	46.42%
900,000	\$5,307.00	\$63,684.00	\$7,800.00	\$93,600.00	46.98%	46.98%
1,000,000	\$5,840.00	\$70,080.00	\$8,610.00	\$103,320.00	47.43%	47.43%
1,500,000	\$8,505.00	\$102,060.00	\$12,660.00	\$151,920.00	48.85%	48.85%

Transport-NNG C&I FIRM Class 5 - CIP Exempt

Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$1,576.00	\$18,912.00	\$2,130.00	\$25,560.00	35.15%
300,000	\$2,109.00	\$25,308.00	\$2,940.00	\$35,280.00	39.40%	39.40%
400,000	\$2,642.00	\$31,704.00	\$3,750.00	\$45,000.00	41.94%	41.94%
500,000	\$3,175.00	\$38,100.00	\$4,560.00	\$54,720.00	43.62%	43.62%
600,000	\$3,708.00	\$44,496.00	\$5,370.00	\$64,440.00	44.82%	44.82%
700,000	\$4,241.00	\$50,892.00	\$6,180.00	\$74,160.00	45.72%	45.72%
800,000	\$4,774.00	\$57,288.00	\$6,990.00	\$83,880.00	46.42%	46.42%
900,000	\$5,307.00	\$63,684.00	\$7,800.00	\$93,600.00	46.98%	46.98%
1,000,000	\$5,840.00	\$70,080.00	\$8,610.00	\$103,320.00	47.43%	47.43%
1,500,000	\$8,505.00	\$102,060.00	\$12,660.00	\$151,920.00	48.85%	48.85%

Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$208.07	\$2,496.80	\$213.68	\$2,564.21	2.70%
200	\$215.91	\$2,590.87	\$224.89	\$2,698.73	4.16%	4.16%
300	\$226.36	\$2,716.31	\$239.84	\$2,878.09	5.96%	5.96%
500	\$247.27	\$2,967.18	\$269.74	\$3,236.82	9.09%	9.09%
600	\$257.72	\$3,092.62	\$284.68	\$3,416.18	10.46%	10.46%
800	\$278.62	\$3,343.49	\$314.58	\$3,774.91	12.90%	12.90%
1,000	\$299.53	\$3,594.36	\$344.47	\$4,133.64	15.00%	15.00%
1,200	\$320.44	\$3,845.23	\$374.36	\$4,492.37	16.83%	16.83%
1,400	\$341.34	\$4,096.10	\$404.26	\$4,851.10	18.43%	18.43%
1,600	\$362.25	\$4,346.98	\$434.15	\$5,209.82	19.85%	19.85%

Transport-NNG C&I INT Class 2

Transport-NNG C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$504.06	\$6,048.72	\$553.04	\$6,636.48	9.72%
5,000	\$787.65	\$9,451.80	\$910.10	\$10,921.20	15.55%	15.55%
10,000	\$1,260.30	\$15,123.60	\$1,505.20	\$18,062.40	19.43%	19.43%
15,000	\$1,732.95	\$20,795.40	\$2,100.30	\$25,203.60	21.20%	21.20%
20,000	\$2,205.60	\$26,467.20	\$2,695.40	\$32,344.80	22.21%	22.21%
30,000	\$3,150.90	\$37,810.80	\$3,885.60	\$46,627.20	23.32%	23.32%
40,000	\$4,096.20	\$49,154.40	\$5,075.80	\$60,909.60	23.91%	23.91%
50,000	\$5,041.50	\$60,498.00	\$6,266.00	\$75,192.00	24.29%	24.29%
60,000	\$5,986.80	\$71,841.60	\$7,456.20	\$89,474.40	24.54%	24.54%
70,000	\$6,932.10	\$83,185.20	\$8,646.40	\$103,756.80	24.73%	24.73%

Transport-NNG C&I INT Class 3

Transport-NNG C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$3,711.10	\$44,533.20	\$4,238.90	\$50,866.80	14.22%
80,000	\$4,193.40	\$50,320.80	\$4,796.60	\$57,559.20	14.38%	14.38%
90,000	\$4,675.70	\$56,108.40	\$5,354.30	\$64,251.60	14.51%	14.51%
100,000	\$5,158.00	\$61,896.00	\$5,912.00	\$70,944.00	14.62%	14.62%
110,000	\$5,640.30	\$67,683.60	\$6,469.70	\$77,636.40	14.70%	14.70%
120,000	\$6,122.60	\$73,471.20	\$7,027.40	\$84,328.80	14.78%	14.78%
130,000	\$6,604.90	\$79,258.80	\$7,585.10	\$91,021.20	14.84%	14.84%
140,000	\$7,087.20	\$85,046.40	\$8,142.80	\$97,713.60	14.89%	14.89%
150,000	\$7,569.50	\$90,834.00	\$8,700.50	\$104,406.00	14.94%	14.94%
160,000	\$8,051.80	\$96,621.60	\$9,258.20	\$111,098.40	14.98%	14.98%

Transport-NNG C&I INT Class 4

Transport-NNG C&I INT Class 5

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$7,312.00	\$87,744.00	\$7,504.00	\$90,048.00	2.63%
300,000	\$10,713.00	\$128,556.00	\$11,001.00	\$132,012.00	2.69%	2.69%
400,000	\$14,114.00	\$169,368.00	\$14,498.00	\$173,976.00	2.72%	2.72%
500,000	\$17,515.00	\$210,180.00	\$17,995.00	\$215,940.00	2.74%	2.74%
600,000	\$20,916.00	\$250,992.00	\$21,492.00	\$257,904.00	2.75%	2.75%
700,000	\$24,317.00	\$291,804.00	\$24,989.00	\$299,868.00	2.76%	2.76%
800,000	\$27,718.00	\$332,616.00	\$28,486.00	\$341,832.00	2.77%	2.77%
900,000	\$31,119.00	\$373,428.00	\$31,983.00	\$383,796.00	2.78%	2.78%
1,000,000	\$34,520.00	\$414,240.00	\$35,480.00	\$425,760.00	2.78%	2.78%
1,500,000	\$51,525.00	\$618,300.00	\$52,965.00	\$635,580.00	2.79%	2.79%

Transport-NNG C&I INT Class 5

Transport-NNG C&I INT Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$1,406.00	\$16,872.00	\$1,646.00	\$19,752.00	17.07%
300,000	\$1,854.00	\$22,248.00	\$2,214.00	\$26,568.00	19.42%	19.42%
400,000	\$2,302.00	\$27,624.00	\$2,782.00	\$33,384.00	20.85%	20.85%
500,000	\$2,750.00	\$33,000.00	\$3,350.00	\$40,200.00	21.82%	21.82%
600,000	\$3,198.00	\$38,376.00	\$3,918.00	\$47,016.00	22.51%	22.51%
700,000	\$3,646.00	\$43,752.00	\$4,486.00	\$53,832.00	23.04%	23.04%
800,000	\$4,094.00	\$49,128.00	\$5,054.00	\$60,648.00	23.45%	23.45%
900,000	\$4,542.00	\$54,504.00	\$5,622.00	\$67,464.00	23.78%	23.78%
1,000,000	\$4,990.00	\$59,880.00	\$6,190.00	\$74,280.00	24.05%	24.05%
1,500,000	\$7,230.00	\$86,760.00	\$9,030.00	\$108,360.00	24.90%	24.90%

Transport-NNG C&I INT Class 5 - CIP Exempt

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG Electric Generation INT Class 2			Transport-NNG Electric Generation INT Class 2			Percent Change	
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
200,000	\$7,312.00	\$87,744.00	\$7,504.00	\$90,048.00	2.63%	2.63%	
300,000	\$10,713.00	\$128,556.00	\$11,001.00	\$132,012.00	2.69%	2.69%	
400,000	\$14,114.00	\$169,368.00	\$14,498.00	\$173,976.00	2.72%	2.72%	
500,000	\$17,515.00	\$210,180.00	\$17,995.00	\$215,940.00	2.74%	2.74%	
600,000	\$20,916.00	\$250,992.00	\$21,492.00	\$257,904.00	2.75%	2.75%	
700,000	\$24,317.00	\$291,804.00	\$24,989.00	\$299,868.00	2.76%	2.76%	
800,000	\$27,718.00	\$332,616.00	\$28,486.00	\$341,832.00	2.77%	2.77%	
900,000	\$31,119.00	\$373,428.00	\$31,983.00	\$383,796.00	2.78%	2.78%	
1,000,000	\$34,520.00	\$414,240.00	\$35,480.00	\$425,760.00	2.78%	2.78%	
1,500,000	\$51,525.00	\$618,300.00	\$52,965.00	\$635,580.00	2.79%	2.79%	

Transport-NNG Electric Generation INT Class 2 - CIP Exempt			Transport-NNG Electric Generation INT Class 2 - CIP Exempt			Percent Change	
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
200,000	\$1,406.00	\$16,872.00	\$1,646.00	\$19,752.00	17.07%	17.07%	
300,000	\$1,854.00	\$22,248.00	\$2,214.00	\$26,568.00	19.42%	19.42%	
400,000	\$2,302.00	\$27,624.00	\$2,782.00	\$33,384.00	20.85%	20.85%	
500,000	\$2,750.00	\$33,000.00	\$3,350.00	\$40,200.00	21.82%	21.82%	
600,000	\$3,198.00	\$38,376.00	\$3,918.00	\$47,016.00	22.51%	22.51%	
700,000	\$3,646.00	\$43,752.00	\$4,486.00	\$53,832.00	23.04%	23.04%	
800,000	\$4,094.00	\$49,128.00	\$5,054.00	\$60,648.00	23.45%	23.45%	
900,000	\$4,542.00	\$54,504.00	\$5,622.00	\$67,464.00	23.78%	23.78%	
1,000,000	\$4,990.00	\$59,880.00	\$6,190.00	\$74,280.00	24.05%	24.05%	
1,500,000	\$7,230.00	\$86,760.00	\$9,030.00	\$108,360.00	24.90%	24.90%	

Transport-NNG C&I Firm/Interruptible Class 2			Transport-NNG C&I Firm/Interruptible Class 2			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
125	\$212.07	\$2,544.83	\$220.10	\$2,641.17	3.79%	3.79%	
200	\$222.31	\$2,667.72	\$235.16	\$2,821.87	5.78%	5.78%	
300	\$235.97	\$2,831.58	\$255.23	\$3,062.81	8.17%	8.17%	
500	\$263.28	\$3,159.30	\$295.39	\$3,544.68	12.20%	12.20%	
600	\$276.93	\$3,323.16	\$315.47	\$3,785.62	13.92%	13.92%	
800	\$304.24	\$3,650.88	\$355.62	\$4,267.49	16.89%	16.89%	
1,000	\$331.55	\$3,978.60	\$395.78	\$4,749.36	19.37%	19.37%	
1,200	\$358.86	\$4,306.32	\$435.94	\$5,231.23	21.48%	21.48%	
1,400	\$386.17	\$4,634.04	\$476.09	\$5,713.10	23.29%	23.29%	
1,600	\$413.48	\$4,961.76	\$516.25	\$6,194.98	24.85%	24.85%	

Transport-NNG C&I Firm/Interruptible Class 3			Transport-NNG C&I Firm/Interruptible Class 3			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
2,000	\$534.06	\$6,408.72	\$598.88	\$7,186.56	12.14%	12.14%	
5,000	\$862.65	\$10,351.80	\$1,024.70	\$12,296.40	18.79%	18.79%	
10,000	\$1,410.30	\$16,923.60	\$1,734.40	\$20,812.80	22.98%	22.98%	
15,000	\$1,957.95	\$23,495.40	\$2,444.10	\$29,329.20	24.83%	24.83%	
20,000	\$2,505.60	\$30,067.20	\$3,153.80	\$37,845.60	25.87%	25.87%	
30,000	\$3,600.90	\$43,210.80	\$4,573.20	\$54,878.40	27.00%	27.00%	
40,000	\$4,696.20	\$56,354.40	\$5,992.60	\$71,911.20	27.61%	27.61%	
50,000	\$5,791.50	\$69,498.00	\$7,412.00	\$88,944.00	27.98%	27.98%	
60,000	\$6,886.80	\$82,641.60	\$8,831.40	\$105,976.80	28.24%	28.24%	
70,000	\$7,982.10	\$95,785.20	\$10,250.80	\$123,009.60	28.42%	28.42%	

Transport-NNG C&I Firm/Interruptible Class 4			Transport-NNG C&I Firm/Interruptible Class 4			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
70,000	\$3,778.65	\$45,343.80	\$4,298.75	\$51,585.00	13.76%	13.76%	
80,000	\$4,270.60	\$51,247.20	\$4,865.00	\$58,380.00	13.92%	13.92%	
90,000	\$4,762.55	\$57,150.60	\$5,431.25	\$65,175.00	14.04%	14.04%	
100,000	\$5,254.50	\$63,054.00	\$5,997.50	\$71,970.00	14.14%	14.14%	
110,000	\$5,746.45	\$68,957.40	\$6,563.75	\$78,765.00	14.22%	14.22%	
120,000	\$6,238.40	\$74,860.80	\$7,130.00	\$85,560.00	14.29%	14.29%	
130,000	\$6,730.35	\$80,764.20	\$7,696.25	\$92,355.00	14.35%	14.35%	
140,000	\$7,222.30	\$86,667.60	\$8,262.50	\$99,150.00	14.40%	14.40%	
150,000	\$7,714.25	\$92,571.00	\$8,828.75	\$105,945.00	14.45%	14.45%	
160,000	\$8,206.20	\$98,474.40	\$9,395.00	\$112,740.00	14.49%	14.49%	

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG C&I Firm/Interruptible Class 5

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$7,397.00	\$88,764.00	\$7,746.00	\$92,952.00	4.72%
300,000	\$10,840.50	\$130,086.00	\$11,364.00	\$136,368.00	4.83%	4.83%
400,000	\$14,284.00	\$171,408.00	\$14,982.00	\$179,784.00	4.89%	4.89%
500,000	\$17,727.50	\$212,730.00	\$18,600.00	\$223,200.00	4.92%	4.92%
600,000	\$21,171.00	\$254,052.00	\$22,218.00	\$266,616.00	4.95%	4.95%
700,000	\$24,614.50	\$295,374.00	\$25,836.00	\$310,032.00	4.96%	4.96%
800,000	\$28,058.00	\$336,696.00	\$29,454.00	\$353,448.00	4.98%	4.98%
900,000	\$31,501.50	\$378,018.00	\$33,072.00	\$396,864.00	4.99%	4.99%
1,000,000	\$34,945.00	\$419,340.00	\$36,690.00	\$440,280.00	4.99%	4.99%
1,500,000	\$52,162.50	\$625,950.00	\$54,780.00	\$657,360.00	5.02%	5.02%

Transport-NNG C&I Firm/Interruptible Class 5

Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$1,491.00	\$17,892.00	\$1,888.00	\$22,656.00	26.63%
300,000	\$1,981.50	\$23,778.00	\$2,577.00	\$30,924.00	30.05%	30.05%
400,000	\$2,472.00	\$29,664.00	\$3,266.00	\$39,192.00	32.12%	32.12%
500,000	\$2,962.50	\$35,550.00	\$3,955.00	\$47,460.00	33.50%	33.50%
600,000	\$3,453.00	\$41,436.00	\$4,644.00	\$55,728.00	34.49%	34.49%
700,000	\$3,943.50	\$47,322.00	\$5,333.00	\$63,996.00	35.24%	35.24%
800,000	\$4,434.00	\$53,208.00	\$6,022.00	\$72,264.00	35.81%	35.81%
900,000	\$4,924.50	\$59,094.00	\$6,711.00	\$80,532.00	36.28%	36.28%
1,000,000	\$5,415.00	\$64,980.00	\$7,400.00	\$88,800.00	36.66%	36.66%
1,500,000	\$7,867.50	\$94,410.00	\$10,845.00	\$130,140.00	37.85%	37.85%

Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt

Transport for Resale

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$5,664.80	\$67,977.60	\$6,163.55	\$73,962.60	8.80%
80,000	\$6,426.20	\$77,114.40	\$6,996.20	\$83,954.40	8.87%	8.87%
90,000	\$7,187.60	\$86,251.20	\$7,828.85	\$93,946.20	8.92%	8.92%
100,000	\$7,949.00	\$95,388.00	\$8,661.50	\$103,938.00	8.96%	8.96%
110,000	\$8,710.40	\$104,524.80	\$9,494.15	\$113,929.80	9.00%	9.00%
120,000	\$9,471.80	\$113,661.60	\$10,326.80	\$123,921.60	9.03%	9.03%
130,000	\$10,233.20	\$122,798.40	\$11,159.45	\$133,913.40	9.05%	9.05%
140,000	\$10,994.60	\$131,935.20	\$11,992.10	\$143,905.20	9.07%	9.07%
150,000	\$11,756.00	\$141,072.00	\$12,824.75	\$153,897.00	9.09%	9.09%
160,000	\$12,517.40	\$150,208.80	\$13,657.40	\$163,888.80	9.11%	9.11%

Transport for Resale

LVJ-NNG Flex Transport (Cust "A")

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$3,281.65	\$39,379.80	\$3,571.64	\$42,859.65	8.84%
80,000	\$3,702.60	\$44,431.20	\$4,034.01	\$48,408.17	8.95%	8.95%
90,000	\$4,123.55	\$49,482.60	\$4,496.39	\$53,956.69	9.04%	9.04%
100,000	\$4,544.50	\$54,534.00	\$4,958.77	\$59,505.21	9.12%	9.12%
110,000	\$4,965.45	\$59,585.40	\$5,421.14	\$65,053.74	9.18%	9.18%
120,000	\$5,386.40	\$64,636.80	\$5,883.52	\$70,602.26	9.23%	9.23%
130,000	\$5,807.35	\$69,688.20	\$6,345.90	\$76,150.78	9.27%	9.27%
140,000	\$6,228.30	\$74,739.60	\$6,808.28	\$81,699.30	9.31%	9.31%
150,000	\$6,649.25	\$79,791.00	\$7,270.65	\$87,247.82	9.35%	9.35%
160,000	\$7,070.20	\$84,842.40	\$7,733.03	\$92,796.34	9.37%	9.37%

LVJ-NNG Flex Transport (Cust "A")

LVJ-NNG Flex Transport (Cust "F")

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$3,347.10	\$40,165.20	\$3,654.62	\$43,855.43	9.19%
80,000	\$3,777.40	\$45,328.80	\$4,128.85	\$49,546.20	9.30%	9.30%
90,000	\$4,207.70	\$50,492.40	\$4,603.08	\$55,236.98	9.40%	9.40%
100,000	\$4,638.00	\$55,656.00	\$5,077.31	\$60,927.75	9.47%	9.47%
110,000	\$5,068.30	\$60,819.60	\$5,551.54	\$66,618.53	9.53%	9.53%
120,000	\$5,498.60	\$65,983.20	\$6,025.78	\$72,309.30	9.59%	9.59%
130,000	\$5,928.90	\$71,146.80	\$6,500.01	\$78,000.08	9.63%	9.63%
140,000	\$6,359.20	\$76,310.40	\$6,974.24	\$83,690.85	9.67%	9.67%
150,000	\$6,789.50	\$81,474.00	\$7,448.47	\$89,381.63	9.71%	9.71%
160,000	\$7,219.80	\$86,637.60	\$7,922.70	\$95,072.40	9.74%	9.74%

LVJ-NNG Flex Transport (Cust "F")

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

LVJ-NNG Flex Transport (Cust "G")			LVJ-NNG Flex Transport (Cust "G")			
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
70,000	\$3,252.25	\$39,027.00	\$3,534.36	\$42,412.35	8.67%	8.67%
80,000	\$3,669.00	\$44,028.00	\$3,991.41	\$47,896.97	8.79%	8.79%
90,000	\$4,085.75	\$49,029.00	\$4,448.47	\$53,381.59	8.88%	8.88%
100,000	\$4,502.50	\$54,030.00	\$4,905.52	\$58,866.21	8.95%	8.95%
110,000	\$4,919.25	\$59,031.00	\$5,362.57	\$64,350.84	9.01%	9.01%
120,000	\$5,336.00	\$64,032.00	\$5,819.62	\$69,835.46	9.06%	9.06%
130,000	\$5,752.75	\$69,033.00	\$6,276.67	\$75,320.08	9.11%	9.11%
140,000	\$6,169.50	\$74,034.00	\$6,733.73	\$80,804.70	9.15%	9.15%
150,000	\$6,586.25	\$79,035.00	\$7,190.78	\$86,289.32	9.18%	9.18%
160,000	\$7,003.00	\$84,036.00	\$7,647.83	\$91,773.94	9.21%	9.21%

Transport-CONSOLIDATED C&I FIRM Class 2			Transport-CONSOLIDATED C&I FIRM Class 2			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
125	\$216.07	\$2,592.86	\$226.51	\$2,718.14	4.83%	4.83%
200	\$228.71	\$2,744.57	\$245.42	\$2,945.02	7.30%	7.30%
300	\$245.57	\$2,946.85	\$270.63	\$3,247.52	10.20%	10.20%
500	\$279.29	\$3,351.42	\$321.05	\$3,852.54	14.95%	14.95%
600	\$296.14	\$3,553.70	\$346.25	\$4,155.05	16.92%	16.92%
800	\$329.86	\$3,958.27	\$396.67	\$4,760.06	20.26%	20.26%
1,000	\$363.57	\$4,362.84	\$447.09	\$5,365.08	22.97%	22.97%
1,200	\$397.28	\$4,767.41	\$497.51	\$5,970.10	25.23%	25.23%
1,400	\$431.00	\$5,171.98	\$547.93	\$6,575.11	27.13%	27.13%
1,600	\$464.71	\$5,576.54	\$598.34	\$7,180.13	28.76%	28.76%

Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt			Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
125	\$212.38	\$2,548.56	\$222.85	\$2,674.20	4.93%	4.93%
200	\$222.81	\$2,673.70	\$239.56	\$2,874.72	7.52%	7.52%
300	\$236.71	\$2,840.54	\$261.84	\$3,142.08	10.62%	10.62%
500	\$264.52	\$3,174.24	\$306.40	\$3,676.80	15.83%	15.83%
600	\$278.42	\$3,341.09	\$328.68	\$3,944.16	18.05%	18.05%
800	\$306.23	\$3,674.78	\$373.24	\$4,478.88	21.88%	21.88%
1,000	\$334.04	\$4,008.48	\$417.80	\$5,013.60	25.07%	25.07%
1,200	\$361.85	\$4,342.18	\$462.36	\$5,548.32	27.78%	27.78%
1,400	\$389.66	\$4,675.87	\$506.92	\$6,083.04	30.09%	30.09%
1,600	\$417.46	\$5,009.57	\$551.48	\$6,617.76	32.10%	32.10%

Transport-CONSOLIDATED C&I FIRM Class 3			Transport-CONSOLIDATED C&I FIRM Class 3			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
2,000	\$564.06	\$6,768.72	\$644.72	\$7,736.64	14.30%	14.30%
5,000	\$937.65	\$11,251.80	\$1,139.30	\$13,671.60	21.51%	21.51%
10,000	\$1,560.30	\$18,723.60	\$1,963.60	\$23,563.20	25.85%	25.85%
15,000	\$2,182.95	\$26,195.40	\$2,787.90	\$33,454.80	27.71%	27.71%
20,000	\$2,805.60	\$33,667.20	\$3,612.20	\$43,346.40	28.75%	28.75%
30,000	\$4,050.90	\$48,610.80	\$5,260.80	\$63,129.60	29.87%	29.87%
40,000	\$5,296.20	\$63,554.40	\$6,909.40	\$82,912.80	30.46%	30.46%
50,000	\$6,541.50	\$78,498.00	\$8,558.00	\$102,696.00	30.83%	30.83%
60,000	\$7,786.80	\$93,441.60	\$10,206.60	\$122,479.20	31.08%	31.08%
70,000	\$9,032.10	\$108,385.20	\$11,855.20	\$142,262.40	31.26%	31.26%

Transport-CONSOLIDATED C&I FIRM Class 4			Transport-CONSOLIDATED C&I FIRM Class 4			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
70,000	\$3,846.20	\$46,154.40	\$4,358.60	\$52,303.20	13.32%	13.32%
80,000	\$4,347.80	\$52,173.60	\$4,933.40	\$59,200.80	13.47%	13.47%
90,000	\$4,849.40	\$58,192.80	\$5,508.20	\$66,098.40	13.59%	13.59%
100,000	\$5,351.00	\$64,212.00	\$6,083.00	\$72,996.00	13.68%	13.68%
110,000	\$5,852.60	\$70,231.20	\$6,657.80	\$79,893.60	13.76%	13.76%
120,000	\$6,354.20	\$76,250.40	\$7,232.60	\$86,791.20	13.82%	13.82%
130,000	\$6,855.80	\$82,269.60	\$7,807.40	\$93,688.80	13.88%	13.88%
140,000	\$7,357.40	\$88,288.80	\$8,382.20	\$100,586.40	13.93%	13.93%
150,000	\$7,859.00	\$94,308.00	\$8,957.00	\$107,484.00	13.97%	13.97%
160,000	\$8,360.60	\$100,327.20	\$9,531.80	\$114,381.60	14.01%	14.01%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

**MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)**

Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
200,000	\$1,576.00	\$18,912.00
300,000	\$2,109.00	\$25,308.00
400,000	\$2,642.00	\$31,704.00
500,000	\$3,175.00	\$38,100.00
600,000	\$3,708.00	\$44,496.00
700,000	\$4,241.00	\$50,892.00
800,000	\$4,774.00	\$57,288.00
900,000	\$5,307.00	\$63,684.00
1,000,000	\$5,840.00	\$70,080.00
1,500,000	\$8,505.00	\$102,060.00

Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
200,000	\$2,130.00	\$25,560.00	35.15%	35.15%
300,000	\$2,940.00	\$35,280.00	39.40%	39.40%
400,000	\$3,750.00	\$45,000.00	41.94%	41.94%
500,000	\$4,560.00	\$54,720.00	43.62%	43.62%
600,000	\$5,370.00	\$64,440.00	44.82%	44.82%
700,000	\$6,180.00	\$74,160.00	45.72%	45.72%
800,000	\$6,990.00	\$83,880.00	46.42%	46.42%
900,000	\$7,800.00	\$93,600.00	46.98%	46.98%
1,000,000	\$8,610.00	\$103,320.00	47.43%	47.43%
1,500,000	\$12,660.00	\$151,920.00	48.85%	48.85%

Transport-CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
125	\$208.07	\$2,496.80
200	\$215.91	\$2,590.87
300	\$226.36	\$2,716.31
500	\$247.27	\$2,967.18
600	\$257.72	\$3,092.62
800	\$278.62	\$3,343.49
1,000	\$299.53	\$3,594.36
1,200	\$320.44	\$3,845.23
1,400	\$341.34	\$4,096.10
1,600	\$362.25	\$4,346.98

Transport-CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
125	\$213.68	\$2,564.21	2.70%	2.70%
200	\$224.89	\$2,698.73	4.16%	4.16%
300	\$239.84	\$2,878.09	5.96%	5.96%
500	\$269.74	\$3,236.82	9.09%	9.09%
600	\$284.68	\$3,416.18	10.46%	10.46%
800	\$314.58	\$3,774.91	12.90%	12.90%
1,000	\$344.47	\$4,133.64	15.00%	15.00%
1,200	\$374.36	\$4,492.37	16.83%	16.83%
1,400	\$404.26	\$4,851.10	18.43%	18.43%
1,600	\$434.15	\$5,209.82	19.85%	19.85%

Transport-CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
2,000	\$504.06	\$6,048.72
5,000	\$787.65	\$9,451.80
10,000	\$1,260.30	\$15,123.60
15,000	\$1,732.95	\$20,795.40
20,000	\$2,205.60	\$26,467.20
30,000	\$3,150.90	\$37,810.80
40,000	\$4,096.20	\$49,154.40
50,000	\$5,041.50	\$60,498.00
60,000	\$5,986.80	\$71,841.60
70,000	\$6,932.10	\$83,185.20

Transport-CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
2,000	\$553.04	\$6,636.48	9.72%	9.72%
5,000	\$910.10	\$10,921.20	15.55%	15.55%
10,000	\$1,505.20	\$18,062.40	19.43%	19.43%
15,000	\$2,100.30	\$25,203.60	21.20%	21.20%
20,000	\$2,695.40	\$32,344.80	22.21%	22.21%
30,000	\$3,885.60	\$46,627.20	23.32%	23.32%
40,000	\$5,075.80	\$60,909.60	23.91%	23.91%
50,000	\$6,266.00	\$75,192.00	24.29%	24.29%
60,000	\$7,456.20	\$89,474.40	24.54%	24.54%
70,000	\$8,646.40	\$103,756.80	24.73%	24.73%

Transport-CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
70,000	\$3,711.10	\$44,533.20
80,000	\$4,193.40	\$50,320.80
90,000	\$4,675.70	\$56,108.40
100,000	\$5,158.00	\$61,896.00
110,000	\$5,640.30	\$67,683.60
120,000	\$6,122.60	\$73,471.20
130,000	\$6,604.90	\$79,258.80
140,000	\$7,087.20	\$85,046.40
150,000	\$7,569.50	\$90,834.00
160,000	\$8,051.80	\$96,621.60

Transport-CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
70,000	\$4,238.90	\$50,866.80	14.22%	14.22%
80,000	\$4,796.60	\$57,559.20	14.38%	14.38%
90,000	\$5,354.30	\$64,251.60	14.51%	14.51%
100,000	\$5,912.00	\$70,944.00	14.62%	14.62%
110,000	\$6,469.70	\$77,636.40	14.70%	14.70%
120,000	\$7,027.40	\$84,328.80	14.78%	14.78%
130,000	\$7,585.10	\$91,021.20	14.84%	14.84%
140,000	\$8,142.80	\$97,713.60	14.89%	14.89%
150,000	\$8,700.50	\$104,406.00	14.94%	14.94%
160,000	\$9,258.20	\$111,098.40	14.98%	14.98%

Transport-CONSOLIDATED C&I INT Class 5

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
200,000	\$7,312.00	\$87,744.00
300,000	\$10,713.00	\$128,556.00
400,000	\$14,114.00	\$169,368.00
500,000	\$17,515.00	\$210,180.00
600,000	\$20,916.00	\$250,992.00
700,000	\$24,317.00	\$291,804.00
800,000	\$27,718.00	\$332,616.00
900,000	\$31,119.00	\$373,428.00
1,000,000	\$34,520.00	\$414,240.00
1,500,000	\$51,525.00	\$618,300.00

Transport-CONSOLIDATED C&I INT Class 5

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
200,000	\$7,504.00	\$90,048.00	2.63%	2.63%
300,000	\$11,001.00	\$132,012.00	2.69%	2.69%
400,000	\$14,498.00	\$173,976.00	2.72%	2.72%
500,000	\$17,995.00	\$215,940.00	2.74%	2.74%
600,000	\$21,492.00	\$257,904.00	2.75%	2.75%
700,000	\$24,989.00	\$299,868.00	2.76%	2.76%
800,000	\$28,486.00	\$341,832.00	2.77%	2.77%
900,000	\$31,983.00	\$383,796.00	2.78%	2.78%
1,000,000	\$35,480.00	\$425,760.00	2.78%	2.78%
1,500,000	\$52,965.00	\$635,580.00	2.79%	2.79%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-CONSOLIDATED C&I Firm/Interruptible Class 3

Transport-CONSOLIDATED C&I Firm/Interruptible Class 3

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
2,000	\$534.06	\$6,408.72	\$598.88	\$7,186.56	12.14%	12.14%
5,000	\$862.65	\$10,351.80	\$1,024.70	\$12,296.40	18.79%	18.79%
10,000	\$1,410.30	\$16,923.60	\$1,734.40	\$20,812.80	22.98%	22.98%
15,000	\$1,957.95	\$23,495.40	\$2,444.10	\$29,329.20	24.83%	24.83%
20,000	\$2,505.60	\$30,067.20	\$3,153.80	\$37,845.60	25.87%	25.87%
30,000	\$3,600.90	\$43,210.80	\$4,573.20	\$54,878.40	27.00%	27.00%
40,000	\$4,696.20	\$56,354.40	\$5,992.60	\$71,911.20	27.61%	27.61%
50,000	\$5,791.50	\$69,498.00	\$7,412.00	\$88,944.00	27.98%	27.98%
60,000	\$6,886.80	\$82,641.60	\$8,831.40	\$105,976.80	28.24%	28.24%
70,000	\$7,982.10	\$95,785.20	\$10,250.80	\$123,009.60	28.42%	28.42%

Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt

Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
200,000	\$1,491.00	\$17,892.00	\$1,888.00	\$22,656.00	26.63%	26.63%
300,000	\$1,981.50	\$23,778.00	\$2,577.00	\$30,924.00	30.05%	30.05%
400,000	\$2,472.00	\$29,664.00	\$3,266.00	\$39,192.00	32.12%	32.12%
500,000	\$2,962.50	\$35,550.00	\$3,955.00	\$47,460.00	33.50%	33.50%
600,000	\$3,453.00	\$41,436.00	\$4,644.00	\$55,728.00	34.49%	34.49%
700,000	\$3,943.50	\$47,322.00	\$5,333.00	\$63,996.00	35.24%	35.24%
800,000	\$4,434.00	\$53,208.00	\$6,022.00	\$72,264.00	35.81%	35.81%
900,000	\$4,924.50	\$59,094.00	\$6,711.00	\$80,532.00	36.28%	36.28%
1,000,000	\$5,415.00	\$64,980.00	\$7,400.00	\$88,800.00	36.66%	36.66%
1,500,000	\$7,867.50	\$94,410.00	\$10,845.00	\$130,140.00	37.85%	37.85%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES (EXCLUDING GAS COSTS)

MERC Customer Class	Units		Current Rates					Current Revenues					Total	
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC		Cost of Gas
NNG SALES														
GS-NNG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	0.21733	\$ 0.02953	\$21,578,737	\$ -	\$ 34,884,870	\$ 4,740,028	\$ -	\$ -	\$ 61,203,635
GS-NNG Residential Farm-Tap Sales	14,880	0	1,899,366	\$9.50	\$ -	0.21733	\$ 0.02953	\$141,360	\$ -	\$ 410,616	\$ 55,793	\$ -	\$ -	\$ 607,769
GS-NNG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	0.19298	\$ 0.02953	\$1,628,974	\$ -	\$ 1,265,495	\$ 193,647	\$ -	\$ -	\$ 3,088,117
GS-NNG C&I Farm-Tap Class 1	1,368	0	153,504	\$18.00	\$ -	0.19298	\$ 0.02953	\$24,624	\$ -	\$ 29,623	\$ 4,533	\$ -	\$ -	\$ 58,780
GS-NNG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	0.13904	\$ 0.02953	\$5,468,346	\$ -	\$ 10,544,475	\$ 2,239,487	\$ -	\$ -	\$ 18,252,308
GS-NNG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	0.09500	\$ 0.02953	\$101,963	\$ -	\$ 724,419	\$ 225,180	\$ -	\$ -	\$ 1,051,563
GS-NNG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	0.13904	\$ 0.02953	\$113,940	\$ -	\$ 336,379	\$ 71,442	\$ -	\$ -	\$ 521,761
GS-NNG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	0.09500	\$ 0.02953	\$3,960	\$ -	\$ 71,054	\$ 22,087	\$ -	\$ -	\$ 97,100
NNG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953	\$83,322	\$ 521,892	\$ -	\$ 205,486	\$ -	\$ -	\$ 810,700
NNG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953	\$86,633	\$ 697,640	\$ -	\$ 316,943	\$ -	\$ -	\$ 1,101,217
NNG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953	\$41,040	\$ 71,749	\$ -	\$ 21,188	\$ -	\$ -	\$ 133,977
NNG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953	\$34,560	\$ 152,955	\$ -	\$ 86,911	\$ -	\$ -	\$ 274,426
NNG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953	\$4,860	\$ 7,192	\$ -	\$ 3,034	\$ -	\$ -	\$ 15,086
NNG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	0.13904	\$ 0.02953	\$540	\$ 2,067	\$ 8,069	\$ 2,528	\$ -	\$ -	\$ 13,204
CONSOLIDATED SALES														
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	0.21733	\$ 0.02953	\$3,715,594	\$ -	\$ 6,088,505	\$ 827,284	\$ -	\$ -	\$ 10,631,382
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	0.19298	\$ 0.02953	\$497,588	\$ -	\$ 391,262	\$ 59,871	\$ -	\$ -	\$ 948,721
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,262,824	\$45.00	\$ -	0.13904	\$ 0.02953	\$1,725,321	\$ -	\$ 2,956,383	\$ 627,891	\$ -	\$ -	\$ 5,305,595
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	0.09500	\$ 0.02953	\$26,707	\$ -	\$ 151,335	\$ 47,041	\$ -	\$ -	\$ 228,083
CONSOLIDATED C&I INT Class 2	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953	\$21,791	\$ 123,439	\$ -	\$ 48,602	\$ -	\$ -	\$ 193,832
CONSOLIDATED C&I INT Class 3	89	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953	\$14,894	\$ 91,165	\$ -	\$ 41,417	\$ -	\$ -	\$ 147,276
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.02953	\$4,440	\$ 45,864	\$ -	\$ 72,111	\$ -	\$ -	\$ 122,215
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953	\$4,860	\$ 5,300	\$ -	\$ 1,565	\$ -	\$ -	\$ 11,726
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953	\$3,780	\$ 10,465	\$ -	\$ 5,946	\$ -	\$ -	\$ 20,191
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953	\$540	\$ 955	\$ -	\$ 403	\$ -	\$ -	\$ 1,898
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	0.13904	\$ 0.02953	\$2,160	\$ 8,110	\$ 18,407	\$ 7,103	\$ -	\$ -	\$ 35,780
NNG TRANSPORT														
Transport-NNG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	0.13904	\$ 0.02953	\$74,633	\$ -	\$ 241,644	\$ 51,321	\$ -	\$ -	\$ 367,598
Transport-NNG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	0.09500	\$ 0.02953	\$86,463	\$ -	\$ 522,119	\$ 162,297	\$ -	\$ -	\$ 770,878
Transport-NNG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	0.02063	\$ 0.02953	\$3,885	\$ -	\$ 25,507	\$ 36,510	\$ -	\$ -	\$ 65,902
Transport-NNG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	0.00533	\$ -	\$6,120	\$ -	\$ 36,775	\$ -	\$ -	\$ -	\$ 42,895
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	0.00533	\$ -	\$6,120	\$ -	\$ 329,990	\$ -	\$ -	\$ -	\$ 336,110
Transport-NNG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953	\$47,494	\$ 107,580	\$ -	\$ 42,358	\$ -	\$ -	\$ 197,431
Transport-NNG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953	\$141,872	\$ 1,241,041	\$ -	\$ 563,814	\$ -	\$ -	\$ 1,946,727
Transport-NNG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953	\$27,197	\$ 227,014	\$ -	\$ 358,488	\$ -	\$ -	\$ 612,700
Transport-NNG C&I INT Class 5	48	9,030,592	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$24,490	\$ 40,457	\$ -	\$ 266,673	\$ -	\$ -	\$ 331,610
Transport-NNG C&I INT Class 5 - CIP Exempt	72	251,552,507	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$36,720	\$ 1,126,955	\$ -	\$ -	\$ -	\$ -	\$ 1,163,675
Transport-NNG Electric Generation INT Class 2	12	1,307,632	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$6,120	\$ 5,858	\$ -	\$ 38,614	\$ -	\$ -	\$ 50,593
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$6,120	\$ 11,228	\$ -	\$ -	\$ -	\$ -	\$ 17,348
Transport-NNG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	0.13904	\$ 0.02953	\$13,570	\$ 22,694	\$ 13,160	\$ 11,730	\$ -	\$ -	\$ 61,154
Transport-NNG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	0.09500	\$ 0.02953	\$65,456	\$ 450,586	\$ 175,300	\$ 259,195	\$ -	\$ -	\$ 950,538
Transport-NNG C&I Firm/Interruptible Class 4	23	1,172,836	3,323,294	\$335.00	\$ 0.01870	0.02063	\$ 0.02953	\$7,771	\$ 21,532	\$ 68,560	\$ 132,771	\$ -	\$ -	\$ 231,033
Transport-NNG C&I Firm/Interruptible Class 5	12	4,082,242	182,482	\$510.00	\$ 0.00448	0.00533	\$ 0.02953	\$6,120	\$ 18,288	\$ 973	\$ 125,837	\$ -	\$ -	\$ 151,318
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	0.00533	\$ -	\$30,600	\$ 149,361	\$ 134,851	\$ -	\$ -	\$ -	\$ 314,812
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.02953	\$3,885	\$ 15,334	\$ -	\$ 9,715	\$ -	\$ -	\$ 28,935
LVI-NNG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	0.02063	\$ 0.02953	\$4,020	\$ 6,192	\$ 68,694	\$ 138,960	\$ -	\$ -	\$ 217,865
LVI-NNG Flex Transport (Cust "B")														
LVI-NNG Flex Transport (Cust "C")														
LVI-NNG Flex Transport (Cust "D")														
LVI-NNG Flex Transport (Cust "E")														
LVI-NNG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	0.02063	\$ 0.02953	\$8,460	\$ 7,454	\$ 56,784	\$ 115,839	\$ -	\$ -	\$ 188,538
LVI-NNG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00366	0.02063	\$ 0.02953	\$4,020	\$ 1,414	\$ 17,815	\$ 36,911	\$ -	\$ -	\$ 60,161
CONSOLIDATED TRANSPORT														
Transport-CONSOLIDATED C&I FIRM Class 2	396	0	1,506,042	\$195.00	\$ -	0.13904	\$ 0.02953	\$77,271	\$ -	\$ 209,400	\$ 44,473	\$ -	\$ -	\$ 331,145
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	12	0	60,185	\$195.00	\$ -	0.13904	\$ -	\$2,340	\$ -	\$ 8,368	\$ -	\$ -	\$ -	\$ 10,708
Transport-CONSOLIDATED C&I FIRM Class 3	195	0	4,619,969	\$315.00	\$ -	0.09500	\$ 0.02953	\$61,498	\$ -	\$ 438,897	\$ 136,428	\$ -	\$ -	\$ 636,823
Transport-CONSOLIDATED C&I FIRM Class 4	12	0	1,440,128	\$335.00	\$ -	0.02063	\$ 0.02953	\$3,885	\$ -	\$ 29,710	\$ 42,527	\$ -	\$ -	\$ 76,122
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	24	0	47,101,307	\$510.00	\$ -	0.00533	\$ -	\$12,240	\$ -	\$ 251,050	\$ -	\$ -	\$ -	\$ 263,290
Transport-CONSOLIDATED C&I INT Class 2	81	495,330	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953	\$15,831	\$ 37,150	\$ -	\$ 14,627	\$ -	\$ -	\$ 67,608
Transport-CONSOLIDATED C&I INT Class 3	162	4,313,439	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953	\$51,147	\$ 280,374	\$ -	\$ 127,376	\$ -	\$ -	\$ 458,896
Transport-CONSOLIDATED C&I INT Class 4	12	1,505,000	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953	\$3,885	\$ 28,144	\$ -	\$ 44,443	\$ -	\$ -	\$ 76,471
Transport-CONSOLIDATED C&I INT Class 5	12	4,743,731	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$6,120	\$ 21,252	\$ -	\$ 140,082	\$ -	\$ -	\$ 167,454
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	23	387,512	82,701	\$315.00	\$ 0.00500	0.09500	\$ 0.02953	\$7,307	\$ 25,198	\$ 7,857	\$ 13,885	\$ -	\$ -	\$ 54,237
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	12	6,689,246	5,332,289	\$510.00	\$ 0.00448	0.00533	\$ -	\$6,120	\$ 29,963	\$ 28,421	\$ -	\$ -	\$ -	\$ 64,504
								\$36,189,103	\$5,614,054	\$60,546,765	\$12,842,498	\$0	\$0	\$115,192,419

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES (EXCLUDING GAS COSTS)

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)	% Revenue Apportionment
NNG SALES					
GS-NNG Residential Sales	\$ 61,203,635	\$ 83,985,018	\$ 22,781,383	37.22%	54.00%
GS-NNG Residential Farm-Tap Sales	\$ 607,769	\$ 875,908	\$ 268,139	44.12%	0.56%
GS-NNG C&I FIRM Class 1	\$ 3,088,117	\$ 3,890,773	\$ 802,656	25.99%	2.50%
GS-NNG C&I Farm-Tap Class 1	\$ 58,780	\$ 77,569	\$ 18,789	31.96%	0.05%
GS-NNG C&I FIRM Class 2	\$ 18,252,308	\$ 24,586,610	\$ 6,334,301	34.70%	15.81%
GS-NNG C&I FIRM Class 3	\$ 1,051,563	\$ 1,359,098	\$ 307,535	29.25%	0.87%
GS-NNG C&I Farm-Tap Class 2	\$ 521,761	\$ 723,821	\$ 202,060	38.73%	0.47%
GS-NNG C&I Farm-Tap Class 3	\$ 97,100	\$ 127,265	\$ 30,164	31.06%	0.08%
NNG C&I INT Class 2	\$ 810,700	\$ 1,123,418	\$ 312,718	38.57%	0.72%
NNG C&I INT Class 3	\$ 1,101,217	\$ 1,364,066	\$ 262,849	23.87%	0.88%
NNG Agriculture Grain Dryer - Class 1	\$ 133,977	\$ 181,338	\$ 47,362	35.35%	0.12%
NNG Agriculture Grain Dryer - Class 2	\$ 274,426	\$ 383,558	\$ 109,132	39.77%	0.25%
NNG Electric Generation - Class 1	\$ 15,086	\$ 19,394	\$ 4,308	28.56%	0.01%
NNG C&I Firm/Interruptible Class 2	\$ 13,204	\$ 19,290	\$ 6,086	46.09%	0.01%
CONSOLIDATED SALES					
GS-CONSOLIDATED Residential Sales	\$ 10,631,382	\$ 14,607,449	\$ 3,976,067	37.40%	9.39%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 948,721	\$ 1,196,884	\$ 248,163	26.16%	0.77%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 5,309,595	\$ 7,085,591	\$ 1,775,996	33.45%	4.56%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 225,083	\$ 289,328	\$ 64,246	28.54%	0.19%
CONSOLIDATED C&I INT Class 2	\$ 193,832	\$ 267,797	\$ 73,965	38.16%	0.17%
CONSOLIDATED C&I INT Class 3	\$ 147,276	\$ 181,624	\$ 34,348	23.32%	0.12%
CONSOLIDATED C&I INT Class 4	\$ 122,215	\$ 140,627	\$ 18,412	15.07%	0.09%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 11,726	\$ 15,225	\$ 3,499	29.84%	0.01%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 20,191	\$ 27,657	\$ 7,466	36.98%	0.02%
CONSOLIDATED Electric Generation - Class 1	\$ 1,898	\$ 2,470	\$ 572	30.14%	0.00%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 35,780	\$ 51,696	\$ 15,917	44.48%	0.03%
NNG TRANSPORT					
Transport-NNG C&I FIRM Class 2	\$ 367,598	\$ 512,751	\$ 145,153	39.49%	0.33%
Transport-NNG C&I FIRM Class 3	\$ 770,878	\$ 992,531	\$ 221,653	28.75%	0.64%
Transport-NNG C&I FIRM Class 4	\$ 65,902	\$ 74,953	\$ 9,050	13.73%	0.05%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 42,895	\$ 62,006	\$ 19,112	44.56%	0.04%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 336,110	\$ 507,606	\$ 171,496	51.02%	0.33%
Transport-NNG C&I INT Class 2	\$ 197,431	\$ 261,892	\$ 64,462	32.65%	0.17%
Transport-NNG C&I INT Class 3	\$ 1,946,727	\$ 2,414,312	\$ 467,586	24.02%	1.55%
Transport-NNG C&I INT Class 4	\$ 612,700	\$ 704,234	\$ 91,534	14.94%	0.45%
Transport-NNG C&I INT Class 5	\$ 331,610	\$ 340,280	\$ 8,669	2.61%	0.22%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,163,675	\$ 1,465,538	\$ 301,863	25.94%	0.94%
Transport-NNG Electric Generation INT Class 2	\$ 50,593	\$ 51,848	\$ 1,255	2.48%	0.03%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 17,348	\$ 20,356	\$ 3,008	17.34%	0.01%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 61,154	\$ 82,657	\$ 21,503	35.16%	0.05%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 950,538	\$ 1,194,724	\$ 244,187	25.69%	0.77%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 231,033	\$ 264,203	\$ 33,170	14.36%	0.17%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 151,318	\$ 155,699	\$ 4,381	2.89%	0.10%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 314,812	\$ 424,901	\$ 110,090	34.97%	0.27%
Transport for Resale	\$ 28,935	\$ 31,279	\$ 2,344	8.10%	0.02%
LVJ-NNG Flex Transport (Cust "A")	\$ 217,865	\$ 243,568	\$ 25,702	11.80%	0.16%
LVJ-NNG Flex Transport (Cust "B")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "C")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "D")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "E")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "F")	\$ 188,538	\$ 214,002	\$ 25,464	13.51%	0.14%
LVJ-NNG Flex Transport (Cust "G")	\$ 60,161	\$ 66,768	\$ 6,607	10.98%	0.04%
CONSOLIDATED TRANSPORT					
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 331,145	\$ 456,929	\$ 125,785	37.98%	0.29%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 10,708	\$ 15,749	\$ 5,041	47.08%	0.01%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 636,823	\$ 823,146	\$ 186,323	29.26%	0.53%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 76,122	\$ 86,664	\$ 10,542	13.85%	0.06%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 263,290	\$ 393,761	\$ 130,471	49.55%	0.25%
Transport-CONSOLIDATED C&I INT Class 2	\$ 67,608	\$ 89,868	\$ 22,260	32.93%	0.06%
Transport-CONSOLIDATED C&I INT Class 3	\$ 458,896	\$ 564,532	\$ 105,636	23.02%	0.36%
Transport-CONSOLIDATED C&I INT Class 4	\$ 76,471	\$ 87,819	\$ 11,348	14.84%	0.06%
Transport-CONSOLIDATED C&I INT Class 5	\$ 167,454	\$ 172,008	\$ 4,554	2.72%	0.11%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 54,237	\$ 67,062	\$ 12,826	23.65%	0.04%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 64,504	\$ 87,301	\$ 22,796	35.34%	0.06%
Total NNG Sales Customers	\$ 87,229,643	\$ 118,717,125	\$ 31,487,482	36.10%	
Total Consolidated Sales Customers	\$ 17,647,698	\$ 23,866,348	\$ 6,218,650	35.24%	
TOTAL SALES CUSTOMERS	\$ 104,877,341	\$ 142,583,473	\$ 37,706,132	35.95%	
Total NNG Transport Customers	\$ 8,107,819	\$ 10,086,108	\$ 1,978,289	24.40%	
Total Consolidated Transport Customers	\$ 2,207,259	\$ 2,844,840	\$ 637,581	28.89%	
TOTAL TRANSPORT CUSTOMERS	\$ 10,315,079	\$ 12,930,949	\$ 2,615,870	25.36%	
Total NNG Customers	\$ 95,337,463	\$ 128,803,233	\$ 33,465,771	35.10%	
Total Consolidated Customers	\$ 19,854,957	\$ 26,711,188	\$ 6,856,231	34.53%	
TOTAL	\$ 115,192,419	\$ 155,514,422	\$ 40,322,002	35.00%	

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-NNG Residential Sales

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$15.67	\$188.06	\$19.22	\$230.63	22.64%
30	\$16.91	\$202.87	\$21.16	\$253.96	25.18%	25.18%
45	\$20.61	\$247.30	\$27.00	\$323.94	30.99%	30.99%
60	\$24.31	\$291.74	\$32.83	\$393.92	35.03%	35.03%
75	\$28.01	\$336.17	\$38.66	\$463.90	37.99%	37.99%
100	\$34.19	\$410.23	\$48.38	\$580.54	41.51%	41.51%
125	\$40.36	\$484.29	\$58.10	\$697.17	43.96%	43.96%
150	\$46.53	\$558.35	\$67.82	\$813.80	45.75%	45.75%
200	\$58.87	\$706.46	\$87.26	\$1,047.07	48.21%	48.21%
250	\$71.22	\$854.58	\$106.70	\$1,280.34	49.82%	49.82%

GS-NNG Residential Sales

GS-NNG Residential Farm-Tap Sales

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$15.67	\$188.06	\$19.22	\$230.63	22.64%
30	\$16.91	\$202.87	\$21.16	\$253.96	25.18%	25.18%
45	\$20.61	\$247.30	\$27.00	\$323.94	30.99%	30.99%
60	\$24.31	\$291.74	\$32.83	\$393.92	35.03%	35.03%
75	\$28.01	\$336.17	\$38.66	\$463.90	37.99%	37.99%
100	\$34.19	\$410.23	\$48.38	\$580.54	41.51%	41.51%
125	\$40.36	\$484.29	\$58.10	\$697.17	43.96%	43.96%
150	\$46.53	\$558.35	\$67.82	\$813.80	45.75%	45.75%
200	\$58.87	\$706.46	\$87.26	\$1,047.07	48.21%	48.21%
250	\$71.22	\$854.58	\$106.70	\$1,280.34	49.82%	49.82%

GS-NNG Residential Farm-Tap Sales

GS-NNG C&I FIRM Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$23.56	\$282.75	\$26.62	\$319.47	12.99%
30	\$24.68	\$296.10	\$28.35	\$340.17	14.88%	14.88%
45	\$28.01	\$336.16	\$33.52	\$402.25	19.66%	19.66%
60	\$31.35	\$376.21	\$38.69	\$464.34	23.43%	23.43%
75	\$34.69	\$416.26	\$43.87	\$526.42	26.46%	26.46%
100	\$40.25	\$483.01	\$52.49	\$629.89	30.41%	30.41%
125	\$45.81	\$549.77	\$61.11	\$733.37	33.40%	33.40%
150	\$51.38	\$616.52	\$69.74	\$836.84	35.74%	35.74%
200	\$62.50	\$750.02	\$86.98	\$1,043.78	39.17%	39.17%
250	\$73.63	\$883.53	\$104.23	\$1,250.73	41.56%	41.56%

GS-NNG C&I FIRM Class 1

GS-NNG C&I Farm-Tap Class 1

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$23.56	\$282.75	\$26.62	\$319.47	12.99%
30	\$24.68	\$296.10	\$28.35	\$340.17	14.88%	14.88%
45	\$28.01	\$336.16	\$33.52	\$402.25	19.66%	19.66%
60	\$31.35	\$376.21	\$38.69	\$464.34	23.43%	23.43%
75	\$34.69	\$416.26	\$43.87	\$526.42	26.46%	26.46%
100	\$40.25	\$483.01	\$52.49	\$629.89	30.41%	30.41%
125	\$45.81	\$549.77	\$61.11	\$733.37	33.40%	33.40%
150	\$51.38	\$616.52	\$69.74	\$836.84	35.74%	35.74%
200	\$62.50	\$750.02	\$86.98	\$1,043.78	39.17%	39.17%
250	\$73.63	\$883.53	\$104.23	\$1,250.73	41.56%	41.56%

GS-NNG C&I Farm-Tap Class 1

GS-NNG C&I FIRM Class 2

Monthly Therm Consumption	Bill Under Currents Rates		Bill Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$66.07	\$792.86	\$76.51	\$918.14	15.80%
200	\$78.71	\$944.57	\$95.42	\$1,145.02	21.22%	21.22%
300	\$95.57	\$1,146.85	\$120.63	\$1,447.52	26.22%	26.22%
500	\$129.29	\$1,551.42	\$171.05	\$2,052.54	32.30%	32.30%
600	\$146.14	\$1,753.70	\$196.25	\$2,355.05	34.29%	34.29%
800	\$179.86	\$2,158.27	\$246.67	\$2,960.06	37.15%	37.15%
1,000	\$213.57	\$2,562.84	\$297.09	\$3,565.08	39.11%	39.11%
1,200	\$247.28	\$2,967.41	\$347.51	\$4,170.10	40.53%	40.53%
1,400	\$281.00	\$3,371.98	\$397.93	\$4,775.11	41.61%	41.61%
1,600	\$314.71	\$3,776.54	\$448.34	\$5,380.13	42.46%	42.46%

GS-NNG C&I FIRM Class 2

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-NNG C&I FIRM Class 3

GS-NNG C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$414.06	\$4,968.72	\$494.72	\$5,936.64	19.48%
5,000	\$787.65	\$9,451.80	\$989.30	\$11,871.60	25.60%	25.60%
10,000	\$1,410.30	\$16,923.60	\$1,813.60	\$21,763.20	28.60%	28.60%
15,000	\$2,032.95	\$24,395.40	\$2,637.90	\$31,654.80	29.76%	29.76%
20,000	\$2,655.60	\$31,867.20	\$3,462.20	\$41,546.40	30.37%	30.37%
30,000	\$3,900.90	\$46,810.80	\$5,110.80	\$61,329.60	31.02%	31.02%
40,000	\$5,146.20	\$61,754.40	\$6,759.40	\$81,112.80	31.35%	31.35%
50,000	\$6,391.50	\$76,698.00	\$8,408.00	\$100,896.00	31.55%	31.55%
60,000	\$7,636.80	\$91,641.60	\$10,056.60	\$120,679.20	31.69%	31.69%
70,000	\$8,882.10	\$106,585.20	\$11,705.20	\$140,462.40	31.78%	31.78%

GS-NNG C&I Farm-Tap Class 2

GS-NNG C&I Farm-Tap Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$66.07	\$792.86	\$76.51	\$918.14	15.80%
200	\$78.71	\$944.57	\$95.42	\$1,145.02	21.22%	21.22%
300	\$95.57	\$1,146.85	\$120.63	\$1,447.52	26.22%	26.22%
500	\$129.29	\$1,551.42	\$171.05	\$2,052.54	32.30%	32.30%
600	\$146.14	\$1,753.70	\$196.25	\$2,355.05	34.29%	34.29%
800	\$179.86	\$2,158.27	\$246.67	\$2,960.06	37.15%	37.15%
1,000	\$213.57	\$2,562.84	\$297.09	\$3,565.08	39.11%	39.11%
1,200	\$247.28	\$2,967.41	\$347.51	\$4,170.10	40.53%	40.53%
1,400	\$281.00	\$3,371.98	\$397.93	\$4,775.11	41.61%	41.61%
1,600	\$314.71	\$3,776.54	\$448.34	\$5,380.13	42.46%	42.46%

GS-NNG C&I Farm-Tap Class 3

GS-NNG C&I Farm-Tap Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$414.06	\$4,968.72	\$494.72	\$5,936.64	19.48%
5,000	\$787.65	\$9,451.80	\$989.30	\$11,871.60	25.60%	25.60%
10,000	\$1,410.30	\$16,923.60	\$1,813.60	\$21,763.20	28.60%	28.60%
15,000	\$2,032.95	\$24,395.40	\$2,637.90	\$31,654.80	29.76%	29.76%
20,000	\$2,655.60	\$31,867.20	\$3,462.20	\$41,546.40	30.37%	30.37%
30,000	\$3,900.90	\$46,810.80	\$5,110.80	\$61,329.60	31.02%	31.02%
40,000	\$5,146.20	\$61,754.40	\$6,759.40	\$81,112.80	31.35%	31.35%
50,000	\$6,391.50	\$76,698.00	\$8,408.00	\$100,896.00	31.55%	31.55%
60,000	\$7,636.80	\$91,641.60	\$10,056.60	\$120,679.20	31.69%	31.69%
70,000	\$8,882.10	\$106,585.20	\$11,705.20	\$140,462.40	31.78%	31.78%

NNG C&I INT Class 2

NNG C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$58.07	\$696.80	\$63.68	\$764.21	9.67%
200	\$65.91	\$790.87	\$74.89	\$898.73	13.64%	13.64%
300	\$76.36	\$916.31	\$89.84	\$1,078.09	17.66%	17.66%
500	\$97.27	\$1,167.18	\$119.74	\$1,436.82	23.10%	23.10%
600	\$107.72	\$1,292.62	\$134.68	\$1,616.18	25.03%	25.03%
800	\$128.62	\$1,543.49	\$164.58	\$1,974.91	27.95%	27.95%
1,000	\$149.53	\$1,794.36	\$194.47	\$2,333.64	30.05%	30.05%
1,200	\$170.44	\$2,045.23	\$224.36	\$2,692.37	31.64%	31.64%
1,400	\$191.34	\$2,296.10	\$254.26	\$3,051.10	32.88%	32.88%
1,600	\$212.25	\$2,546.98	\$284.15	\$3,409.82	33.88%	33.88%

NNG C&I INT Class 3

NNG C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$354.06	\$4,248.72	\$403.04	\$4,836.48	13.83%
5,000	\$637.65	\$7,651.80	\$760.10	\$9,121.20	19.20%	19.20%
10,000	\$1,110.30	\$13,323.60	\$1,355.20	\$16,262.40	22.06%	22.06%
15,000	\$1,582.95	\$18,995.40	\$1,950.30	\$23,403.60	23.21%	23.21%
20,000	\$2,055.60	\$24,667.20	\$2,545.40	\$30,544.80	23.83%	23.83%
30,000	\$3,000.90	\$36,010.80	\$3,735.60	\$44,827.20	24.48%	24.48%
40,000	\$3,946.20	\$47,354.40	\$4,925.80	\$59,109.60	24.82%	24.82%
50,000	\$4,891.50	\$58,698.00	\$6,116.00	\$73,392.00	25.03%	25.03%
60,000	\$5,836.80	\$70,041.60	\$7,306.20	\$87,674.40	25.17%	25.17%
70,000	\$6,782.10	\$81,385.20	\$8,496.40	\$101,956.80	25.28%	25.28%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

NNG Agriculture Grain Dryer - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$61.19	\$734.30	\$69.44	\$833.31	13.48%
200	\$70.91	\$850.87	\$84.11	\$1,009.30	18.62%	18.62%
300	\$83.86	\$1,006.31	\$103.66	\$1,243.94	23.61%	23.61%
500	\$109.77	\$1,317.18	\$142.77	\$1,713.24	30.07%	30.07%
600	\$122.72	\$1,472.62	\$162.32	\$1,947.89	32.27%	32.27%
800	\$148.62	\$1,783.49	\$201.43	\$2,417.18	35.53%	35.53%
1,000	\$174.53	\$2,094.36	\$240.54	\$2,886.48	37.82%	37.82%
1,200	\$200.44	\$2,405.23	\$279.65	\$3,355.78	39.52%	39.52%
1,400	\$226.34	\$2,716.10	\$318.76	\$3,825.07	40.83%	40.83%
1,600	\$252.25	\$3,026.98	\$357.86	\$4,294.37	41.87%	41.87%

NNG Agriculture Grain Dryer - Class 1

NNG Agriculture Grain Dryer - Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$208.00	\$2,496.00	\$282.16	\$3,385.92	35.65%
5,000	\$452.50	\$5,430.00	\$637.90	\$7,654.80	40.97%	40.97%
10,000	\$860.00	\$10,320.00	\$1,230.80	\$14,769.60	43.12%	43.12%
12,000	\$1,023.00	\$12,276.00	\$1,467.96	\$17,615.52	43.50%	43.50%
15,000	\$1,267.50	\$15,210.00	\$1,823.70	\$21,884.40	43.88%	43.88%
20,000	\$1,675.00	\$20,100.00	\$2,416.60	\$28,999.20	44.27%	44.27%
25,000	\$2,082.50	\$24,990.00	\$3,009.50	\$36,114.00	44.51%	44.51%
30,000	\$2,490.00	\$29,880.00	\$3,602.40	\$43,228.80	44.67%	44.67%
35,000	\$2,897.50	\$34,770.00	\$4,195.30	\$50,343.60	44.79%	44.79%
40,000	\$3,305.00	\$39,660.00	\$4,788.20	\$57,458.40	44.88%	44.88%

NNG Agriculture Grain Dryer - Class 2

NNG Electric Generation - Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$244.06	\$2,928.72	\$327.92	\$3,935.04	34.36%
5,000	\$542.65	\$6,511.80	\$752.30	\$9,027.60	38.63%	38.63%
10,000	\$1,040.30	\$12,483.60	\$1,459.60	\$17,515.20	40.31%	40.31%
12,000	\$1,239.36	\$14,872.32	\$1,742.52	\$20,910.24	40.60%	40.60%
15,000	\$1,537.95	\$18,455.40	\$2,166.90	\$26,002.80	40.90%	40.90%
20,000	\$2,035.60	\$24,427.20	\$2,874.20	\$34,490.40	41.20%	41.20%
25,000	\$2,533.25	\$30,399.00	\$3,581.50	\$42,978.00	41.38%	41.38%
30,000	\$3,030.90	\$36,370.80	\$4,288.80	\$51,465.60	41.50%	41.50%
35,000	\$3,528.55	\$42,342.60	\$4,996.10	\$59,953.20	41.59%	41.59%
40,000	\$4,026.20	\$48,314.40	\$5,703.40	\$68,440.80	41.66%	41.66%

NNG Electric Generation - Class 1

NNG C&I Firm/Interruptible Class 2

Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$62.07	\$744.83	\$70.10	\$841.17	12.94%
200	\$72.31	\$867.72	\$85.16	\$1,021.87	17.77%	17.77%
300	\$85.97	\$1,031.58	\$105.23	\$1,262.81	22.41%	22.41%
500	\$113.28	\$1,359.30	\$145.39	\$1,744.68	28.35%	28.35%
600	\$126.93	\$1,523.16	\$165.47	\$1,985.62	30.36%	30.36%
800	\$154.24	\$1,850.88	\$205.62	\$2,467.49	33.31%	33.31%
1,000	\$181.55	\$2,178.60	\$245.78	\$2,949.36	35.38%	35.38%
1,200	\$208.86	\$2,506.32	\$285.94	\$3,431.23	36.90%	36.90%
1,400	\$236.17	\$2,834.04	\$326.09	\$3,913.10	38.08%	38.08%
1,600	\$263.48	\$3,161.76	\$366.25	\$4,394.98	39.00%	39.00%

NNG C&I Firm/Interruptible Class 2

GS-CONSOLIDATED Residential Sales

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$15.67	\$188.06	\$19.22	\$230.63	22.64%
30	\$16.91	\$202.87	\$21.16	\$253.96	25.18%	25.18%
45	\$20.61	\$247.30	\$27.00	\$323.94	30.99%	30.99%
60	\$24.31	\$291.74	\$32.83	\$393.92	35.03%	35.03%
75	\$28.01	\$336.17	\$38.66	\$463.90	37.99%	37.99%
100	\$34.19	\$410.23	\$48.38	\$580.54	41.51%	41.51%
125	\$40.36	\$484.29	\$58.10	\$697.17	43.96%	43.96%
150	\$46.53	\$558.35	\$67.82	\$813.80	45.75%	45.75%
200	\$58.87	\$706.46	\$87.26	\$1,047.07	48.21%	48.21%
250	\$71.22	\$854.58	\$106.70	\$1,280.34	49.82%	49.82%

GS-CONSOLIDATED Residential Sales

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

GS-CONSOLIDATED C&I FIRM Class 1

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	25	\$23.56	\$282.75	\$26.62	\$319.47	12.99%
30	\$24.68	\$296.10	\$28.35	\$340.17	14.88%	14.88%
45	\$28.01	\$336.16	\$33.52	\$402.25	19.66%	19.66%
60	\$31.35	\$376.21	\$38.69	\$464.34	23.43%	23.43%
75	\$34.69	\$416.26	\$43.87	\$526.42	26.46%	26.46%
100	\$40.25	\$483.01	\$52.49	\$629.89	30.41%	30.41%
125	\$45.81	\$549.77	\$61.11	\$733.37	33.40%	33.40%
150	\$51.38	\$616.52	\$69.74	\$836.84	35.74%	35.74%
200	\$62.50	\$750.02	\$86.98	\$1,043.78	39.17%	39.17%
250	\$73.63	\$883.53	\$104.23	\$1,250.73	41.56%	41.56%

GS-CONSOLIDATED C&I FIRM Class 1

GS-CONSOLIDATED C&I FIRM Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$66.07	\$792.86	\$76.51	\$918.14	15.80%
200	\$78.71	\$944.57	\$95.42	\$1,145.02	21.22%	21.22%
300	\$95.57	\$1,146.85	\$120.63	\$1,447.52	26.22%	26.22%
500	\$129.29	\$1,551.42	\$171.05	\$2,052.54	32.30%	32.30%
600	\$146.14	\$1,753.70	\$196.25	\$2,355.05	34.29%	34.29%
800	\$179.86	\$2,158.27	\$246.67	\$2,960.06	37.15%	37.15%
1,000	\$213.57	\$2,562.84	\$297.09	\$3,565.08	39.11%	39.11%
1,200	\$247.28	\$2,967.41	\$347.51	\$4,170.10	40.53%	40.53%
1,400	\$281.00	\$3,371.98	\$397.93	\$4,775.11	41.61%	41.61%
1,600	\$314.71	\$3,776.54	\$448.34	\$5,380.13	42.46%	42.46%

GS-CONSOLIDATED C&I FIRM Class 2

GS-CONSOLIDATED C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$414.06	\$4,968.72	\$494.72	\$5,936.64	19.48%
5,000	\$787.65	\$9,451.80	\$989.30	\$11,871.60	25.60%	25.60%
10,000	\$1,410.30	\$16,923.60	\$1,813.60	\$21,763.20	28.60%	28.60%
15,000	\$2,032.95	\$24,395.40	\$2,637.90	\$31,654.80	29.76%	29.76%
20,000	\$2,655.60	\$31,867.20	\$3,462.20	\$41,546.40	30.37%	30.37%
30,000	\$3,900.90	\$46,810.80	\$5,110.80	\$61,329.60	31.02%	31.02%
40,000	\$5,146.20	\$61,754.40	\$6,759.40	\$81,112.80	31.35%	31.35%
50,000	\$6,391.50	\$76,698.00	\$8,408.00	\$100,896.00	31.55%	31.55%
60,000	\$7,636.80	\$91,641.60	\$10,056.60	\$120,679.20	31.69%	31.69%
70,000	\$8,882.10	\$106,585.20	\$11,705.20	\$140,462.40	31.78%	31.78%

GS-CONSOLIDATED C&I FIRM Class 3

CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$58.07	\$696.80	\$63.68	\$764.21	9.67%
200	\$65.91	\$790.87	\$74.89	\$898.73	13.64%	13.64%
300	\$76.36	\$916.31	\$89.84	\$1,078.09	17.66%	17.66%
500	\$97.27	\$1,167.18	\$119.74	\$1,436.82	23.10%	23.10%
600	\$107.72	\$1,292.62	\$134.68	\$1,616.18	25.03%	25.03%
800	\$128.62	\$1,543.49	\$164.58	\$1,974.91	27.95%	27.95%
1,000	\$149.53	\$1,794.36	\$194.47	\$2,333.64	30.05%	30.05%
1,200	\$170.44	\$2,045.23	\$224.36	\$2,692.37	31.64%	31.64%
1,400	\$191.34	\$2,296.10	\$254.26	\$3,051.10	32.88%	32.88%
1,600	\$212.25	\$2,546.98	\$284.15	\$3,409.82	33.88%	33.88%

CONSOLIDATED C&I INT Class 2

CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$354.06	\$4,248.72	\$403.04	\$4,836.48	13.83%
5,000	\$637.65	\$7,651.80	\$760.10	\$9,121.20	19.20%	19.20%
10,000	\$1,110.30	\$13,323.60	\$1,355.20	\$16,262.40	22.06%	22.06%
15,000	\$1,582.95	\$18,995.40	\$1,950.30	\$23,403.60	23.21%	23.21%
20,000	\$2,055.60	\$24,667.20	\$2,545.40	\$30,544.80	23.83%	23.83%
30,000	\$3,000.90	\$36,010.80	\$3,735.60	\$44,827.20	24.48%	24.48%
40,000	\$3,946.20	\$47,354.40	\$4,925.80	\$59,109.60	24.82%	24.82%
50,000	\$4,891.50	\$58,698.00	\$6,116.00	\$73,392.00	25.03%	25.03%
60,000	\$5,836.80	\$70,041.60	\$7,306.20	\$87,674.40	25.17%	25.17%
70,000	\$6,782.10	\$81,385.20	\$8,496.40	\$101,956.80	25.28%	25.28%

CONSOLIDATED C&I INT Class 3

**MINNESOTA ENERGY RESOURCES CORPORATION
 BILL COMPARISON (INCLUDING GAS COSTS)**

CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	70,000	\$3,561.10
80,000	\$4,043.40	\$48,520.80
90,000	\$4,525.70	\$54,308.40
100,000	\$5,008.00	\$60,096.00
110,000	\$5,490.30	\$65,883.60
120,000	\$5,972.60	\$71,671.20
130,000	\$6,454.90	\$77,458.80
140,000	\$6,937.20	\$83,246.40
150,000	\$7,419.50	\$89,034.00
160,000	\$7,901.80	\$94,821.60

CONSOLIDATED C&I INT Class 4

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$4,088.90	\$49,066.80	14.82%	14.82%
\$4,646.60	\$55,759.20	14.92%	14.92%
\$5,204.30	\$62,451.60	14.99%	14.99%
\$5,762.00	\$69,144.00	15.06%	15.06%
\$6,319.70	\$75,836.40	15.11%	15.11%
\$6,877.40	\$82,528.80	15.15%	15.15%
\$7,435.10	\$89,221.20	15.19%	15.19%
\$7,992.80	\$95,913.60	15.22%	15.22%
\$8,550.50	\$102,606.00	15.24%	15.24%
\$9,108.20	\$109,298.40	15.27%	15.27%

CONSOLIDATED Agriculture Grain Dryer - Class 1

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	125	\$61.19
200	\$70.91	\$850.87
300	\$83.86	\$1,006.31
500	\$109.77	\$1,317.18
600	\$122.72	\$1,472.62
800	\$148.62	\$1,783.49
1,000	\$174.53	\$2,094.36
1,200	\$200.44	\$2,405.23
1,400	\$226.34	\$2,716.10
1,600	\$252.25	\$3,026.98

CONSOLIDATED Agriculture Grain Dryer - Class 1

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$69.44	\$833.31	13.48%	13.48%
\$84.11	\$1,009.30	18.62%	18.62%
\$103.66	\$1,243.94	23.61%	23.61%
\$142.77	\$1,713.24	30.07%	30.07%
\$162.32	\$1,947.89	32.27%	32.27%
\$201.43	\$2,417.18	35.53%	35.53%
\$240.54	\$2,886.48	37.82%	37.82%
\$279.65	\$3,355.78	39.52%	39.52%
\$318.76	\$3,825.07	40.83%	40.83%
\$357.86	\$4,294.37	41.87%	41.87%

CONSOLIDATED Agriculture Grain Dryer - Class 2

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	2,000	\$208.00
5,000	\$452.50	\$5,430.00
10,000	\$860.00	\$10,320.00
12,000	\$1,023.00	\$12,276.00
15,000	\$1,267.50	\$15,210.00
20,000	\$1,675.00	\$20,100.00
25,000	\$2,082.50	\$24,990.00
30,000	\$2,490.00	\$29,880.00
35,000	\$2,897.50	\$34,770.00
40,000	\$3,305.00	\$39,660.00

CONSOLIDATED Agriculture Grain Dryer - Class 2

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$282.16	\$3,385.92	35.65%	35.65%
\$637.90	\$7,654.80	40.97%	40.97%
\$1,230.80	\$14,769.60	43.12%	43.12%
\$1,467.96	\$17,615.52	43.50%	43.50%
\$1,823.70	\$21,884.40	43.88%	43.88%
\$2,416.60	\$28,999.20	44.27%	44.27%
\$3,009.50	\$36,114.00	44.51%	44.51%
\$3,602.40	\$43,228.80	44.67%	44.67%
\$4,195.30	\$50,343.60	44.79%	44.79%
\$4,788.20	\$57,458.40	44.88%	44.88%

CONSOLIDATED Electric Generation - Class 1

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	2,000	\$244.06
5,000	\$542.65	\$6,511.80
10,000	\$1,040.30	\$12,483.60
12,000	\$1,239.36	\$14,872.32
15,000	\$1,537.95	\$18,455.40
20,000	\$2,035.60	\$24,427.20
25,000	\$2,533.25	\$30,399.00
30,000	\$3,030.90	\$36,370.80
35,000	\$3,528.55	\$42,342.60
40,000	\$4,026.20	\$48,314.40

CONSOLIDATED Electric Generation - Class 1

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$327.92	\$3,935.04	34.36%	34.36%
\$752.30	\$9,027.60	38.63%	38.63%
\$1,459.60	\$17,515.20	40.31%	40.31%
\$1,742.52	\$20,910.24	40.60%	40.60%
\$2,166.90	\$26,002.80	40.90%	40.90%
\$2,874.20	\$34,490.40	41.20%	41.20%
\$3,581.50	\$42,978.00	41.38%	41.38%
\$4,288.80	\$51,465.60	41.50%	41.50%
\$4,996.10	\$59,953.20	41.59%	41.59%
\$5,703.40	\$68,440.80	41.66%	41.66%

CONSOLIDATED C&I Firm/Interruptible Class 2

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
	125	\$62.07
200	\$72.31	\$867.72
300	\$85.97	\$1,031.58
500	\$113.28	\$1,359.30
600	\$126.93	\$1,523.16
800	\$154.24	\$1,850.88
1,000	\$181.55	\$2,178.60
1,200	\$208.86	\$2,506.32
1,400	\$236.17	\$2,834.04
1,600	\$263.48	\$3,161.76

CONSOLIDATED C&I Firm/Interruptible Class 2

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$70.10	\$841.17	12.94%	12.94%
\$85.16	\$1,021.87	17.77%	17.77%
\$105.23	\$1,262.81	22.41%	22.41%
\$145.39	\$1,744.68	28.35%	28.35%
\$165.47	\$1,985.62	30.36%	30.36%
\$205.62	\$2,467.49	33.31%	33.31%
\$245.78	\$2,949.36	35.38%	35.38%
\$285.94	\$3,431.23	36.90%	36.90%
\$326.09	\$3,913.10	38.08%	38.08%
\$366.25	\$4,394.98	39.00%	39.00%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG C&I FIRM Class 2

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
125	\$216.07	\$2,592.86
200	\$228.71	\$2,744.57
300	\$245.57	\$2,946.85
500	\$279.29	\$3,351.42
600	\$296.14	\$3,553.70
800	\$329.86	\$3,958.27
1,000	\$363.57	\$4,362.84
1,200	\$397.28	\$4,767.41
1,400	\$431.00	\$5,171.98
1,600	\$464.71	\$5,576.54

Transport-NNG C&I FIRM Class 2

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$226.51	\$2,718.14	4.83%	4.83%
\$245.42	\$2,945.02	7.30%	7.30%
\$270.63	\$3,247.52	10.20%	10.20%
\$321.05	\$3,852.54	14.95%	14.95%
\$346.25	\$4,155.05	16.92%	16.92%
\$396.67	\$4,760.06	20.26%	20.26%
\$447.09	\$5,365.08	22.97%	22.97%
\$497.51	\$5,970.10	25.23%	25.23%
\$547.93	\$6,575.11	27.13%	27.13%
\$598.34	\$7,180.13	28.76%	28.76%

Transport-NNG C&I FIRM Class 3

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
2,000	\$564.06	\$6,768.72
5,000	\$937.65	\$11,251.80
10,000	\$1,560.30	\$18,723.60
15,000	\$2,182.95	\$26,195.40
20,000	\$2,805.60	\$33,667.20
30,000	\$4,050.90	\$48,610.80
40,000	\$5,296.20	\$63,554.40
50,000	\$6,541.50	\$78,498.00
60,000	\$7,786.80	\$93,441.60
70,000	\$9,032.10	\$108,385.20

Transport-NNG C&I FIRM Class 3

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$644.72	\$7,736.64	14.30%	14.30%
\$1,139.30	\$13,671.60	21.51%	21.51%
\$1,963.60	\$23,563.20	25.85%	25.85%
\$2,787.90	\$33,454.80	27.71%	27.71%
\$3,612.20	\$43,346.40	28.75%	28.75%
\$5,260.80	\$63,129.60	29.87%	29.87%
\$6,909.40	\$82,912.80	30.46%	30.46%
\$8,558.00	\$102,696.00	30.83%	30.83%
\$10,206.60	\$122,479.20	31.08%	31.08%
\$11,855.20	\$142,262.40	31.26%	31.26%

Transport-NNG C&I FIRM Class 4

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
70,000	\$3,846.20	\$46,154.40
80,000	\$4,347.80	\$52,173.60
90,000	\$4,849.40	\$58,192.80
100,000	\$5,351.00	\$64,212.00
110,000	\$5,852.60	\$70,231.20
120,000	\$6,354.20	\$76,250.40
130,000	\$6,855.80	\$82,269.60
140,000	\$7,357.40	\$88,288.80
150,000	\$7,859.00	\$94,308.00
160,000	\$8,360.60	\$100,327.20

Transport-NNG C&I FIRM Class 4

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$4,358.60	\$52,303.20	13.32%	13.32%
\$4,933.40	\$59,200.80	13.47%	13.47%
\$5,508.20	\$66,098.40	13.59%	13.59%
\$6,083.00	\$72,996.00	13.68%	13.68%
\$6,657.80	\$79,893.60	13.76%	13.76%
\$7,232.60	\$86,791.20	13.82%	13.82%
\$7,807.40	\$93,688.80	13.88%	13.88%
\$8,382.20	\$100,586.40	13.93%	13.93%
\$8,957.00	\$107,484.00	13.97%	13.97%
\$9,531.80	\$114,381.60	14.01%	14.01%

Transport-NNG C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
200,000	\$1,576.00	\$18,912.00
300,000	\$2,109.00	\$25,308.00
400,000	\$2,642.00	\$31,704.00
500,000	\$3,175.00	\$38,100.00
600,000	\$3,708.00	\$44,496.00
700,000	\$4,241.00	\$50,892.00
800,000	\$4,774.00	\$57,288.00
900,000	\$5,307.00	\$63,684.00
1,000,000	\$5,840.00	\$70,080.00
1,500,000	\$8,505.00	\$102,060.00

Transport-NNG C&I FIRM Class 5 - CIP Exempt

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$2,130.00	\$25,560.00	35.15%	35.15%
\$2,940.00	\$35,280.00	39.40%	39.40%
\$3,750.00	\$45,000.00	41.94%	41.94%
\$4,560.00	\$54,720.00	43.62%	43.62%
\$5,370.00	\$64,440.00	44.82%	44.82%
\$6,180.00	\$74,160.00	45.72%	45.72%
\$6,990.00	\$83,880.00	46.42%	46.42%
\$7,800.00	\$93,600.00	46.98%	46.98%
\$8,610.00	\$103,320.00	47.43%	47.43%
\$12,660.00	\$151,920.00	48.85%	48.85%

Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
200,000	\$1,576.00	\$18,912.00
300,000	\$2,109.00	\$25,308.00
400,000	\$2,642.00	\$31,704.00
500,000	\$3,175.00	\$38,100.00
600,000	\$3,708.00	\$44,496.00
700,000	\$4,241.00	\$50,892.00
800,000	\$4,774.00	\$57,288.00
900,000	\$5,307.00	\$63,684.00
1,000,000	\$5,840.00	\$70,080.00
1,500,000	\$8,505.00	\$102,060.00

Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$2,130.00	\$25,560.00	35.15%	35.15%
\$2,940.00	\$35,280.00	39.40%	39.40%
\$3,750.00	\$45,000.00	41.94%	41.94%
\$4,560.00	\$54,720.00	43.62%	43.62%
\$5,370.00	\$64,440.00	44.82%	44.82%
\$6,180.00	\$74,160.00	45.72%	45.72%
\$6,990.00	\$83,880.00	46.42%	46.42%
\$7,800.00	\$93,600.00	46.98%	46.98%
\$8,610.00	\$103,320.00	47.43%	47.43%
\$12,660.00	\$151,920.00	48.85%	48.85%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	125	\$208.07	\$2,496.80	\$213.68	\$2,564.21	2.70%
200	\$215.91	\$2,590.87	\$224.89	\$2,698.73	4.16%	4.16%
300	\$226.36	\$2,716.31	\$239.84	\$2,878.09	5.96%	5.96%
500	\$247.27	\$2,967.18	\$269.74	\$3,236.82	9.09%	9.09%
600	\$257.72	\$3,092.62	\$284.68	\$3,416.18	10.46%	10.46%
800	\$278.62	\$3,343.49	\$314.58	\$3,774.91	12.90%	12.90%
1,000	\$299.53	\$3,594.36	\$344.47	\$4,133.64	15.00%	15.00%
1,200	\$320.44	\$3,845.23	\$374.36	\$4,492.37	16.83%	16.83%
1,400	\$341.34	\$4,096.10	\$404.26	\$4,851.10	18.43%	18.43%
1,600	\$362.25	\$4,346.98	\$434.15	\$5,209.82	19.85%	19.85%

Transport-NNG C&I INT Class 2

Transport-NNG C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	2,000	\$504.06	\$6,048.72	\$553.04	\$6,636.48	9.72%
5,000	\$787.65	\$9,451.80	\$910.10	\$10,921.20	15.55%	15.55%
10,000	\$1,260.30	\$15,123.60	\$1,505.20	\$18,062.40	19.43%	19.43%
15,000	\$1,732.95	\$20,795.40	\$2,100.30	\$25,203.60	21.20%	21.20%
20,000	\$2,205.60	\$26,467.20	\$2,695.40	\$32,344.80	22.21%	22.21%
30,000	\$3,150.90	\$37,810.80	\$3,885.60	\$46,627.20	23.32%	23.32%
40,000	\$4,096.20	\$49,154.40	\$5,075.80	\$60,909.60	23.91%	23.91%
50,000	\$5,041.50	\$60,498.00	\$6,266.00	\$75,192.00	24.29%	24.29%
60,000	\$5,986.80	\$71,841.60	\$7,456.20	\$89,474.40	24.54%	24.54%
70,000	\$6,932.10	\$83,185.20	\$8,646.40	\$103,756.80	24.73%	24.73%

Transport-NNG C&I INT Class 3

Transport-NNG C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	70,000	\$3,711.10	\$44,533.20	\$4,238.90	\$50,866.80	14.22%
80,000	\$4,193.40	\$50,320.80	\$4,796.60	\$57,559.20	14.38%	14.38%
90,000	\$4,675.70	\$56,108.40	\$5,354.30	\$64,251.60	14.51%	14.51%
100,000	\$5,158.00	\$61,896.00	\$5,912.00	\$70,944.00	14.62%	14.62%
110,000	\$5,640.30	\$67,683.60	\$6,469.70	\$77,636.40	14.70%	14.70%
120,000	\$6,122.60	\$73,471.20	\$7,027.40	\$84,328.80	14.78%	14.78%
130,000	\$6,604.90	\$79,258.80	\$7,585.10	\$91,021.20	14.84%	14.84%
140,000	\$7,087.20	\$85,046.40	\$8,142.80	\$97,713.60	14.89%	14.89%
150,000	\$7,569.50	\$90,834.00	\$8,700.50	\$104,406.00	14.94%	14.94%
160,000	\$8,051.80	\$96,621.60	\$9,258.20	\$111,098.40	14.98%	14.98%

Transport-NNG C&I INT Class 4

Transport-NNG C&I INT Class 5

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$7,312.00	\$87,744.00	\$7,504.00	\$90,048.00	2.63%
300,000	\$10,713.00	\$128,556.00	\$11,001.00	\$132,012.00	2.69%	2.69%
400,000	\$14,114.00	\$169,368.00	\$14,498.00	\$173,976.00	2.72%	2.72%
500,000	\$17,515.00	\$210,180.00	\$17,995.00	\$215,940.00	2.74%	2.74%
600,000	\$20,916.00	\$250,992.00	\$21,492.00	\$257,904.00	2.75%	2.75%
700,000	\$24,317.00	\$291,804.00	\$24,989.00	\$299,868.00	2.76%	2.76%
800,000	\$27,718.00	\$332,616.00	\$28,486.00	\$341,832.00	2.77%	2.77%
900,000	\$31,119.00	\$373,428.00	\$31,983.00	\$383,796.00	2.78%	2.78%
1,000,000	\$34,520.00	\$414,240.00	\$35,480.00	\$425,760.00	2.78%	2.78%
1,500,000	\$51,525.00	\$618,300.00	\$52,965.00	\$635,580.00	2.79%	2.79%

Transport-NNG C&I INT Class 5

Transport-NNG C&I INT Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
	200,000	\$1,406.00	\$16,872.00	\$1,646.00	\$19,752.00	17.07%
300,000	\$1,854.00	\$22,248.00	\$2,214.00	\$26,568.00	19.42%	19.42%
400,000	\$2,302.00	\$27,624.00	\$2,782.00	\$33,384.00	20.85%	20.85%
500,000	\$2,750.00	\$33,000.00	\$3,350.00	\$40,200.00	21.82%	21.82%
600,000	\$3,198.00	\$38,376.00	\$3,918.00	\$47,016.00	22.51%	22.51%
700,000	\$3,646.00	\$43,752.00	\$4,486.00	\$53,832.00	23.04%	23.04%
800,000	\$4,094.00	\$49,128.00	\$5,054.00	\$60,648.00	23.45%	23.45%
900,000	\$4,542.00	\$54,504.00	\$5,622.00	\$67,464.00	23.78%	23.78%
1,000,000	\$4,990.00	\$59,880.00	\$6,190.00	\$74,280.00	24.05%	24.05%
1,500,000	\$7,230.00	\$86,760.00	\$9,030.00	\$108,360.00	24.90%	24.90%

Transport-NNG C&I INT Class 5 - CIP Exempt

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-NNG Electric Generation INT Class 2			Transport-NNG Electric Generation INT Class 2			Percent Change	
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
200,000	\$7,312.00	\$87,744.00	\$7,504.00	\$90,048.00	2.63%	2.63%	
300,000	\$10,713.00	\$128,556.00	\$11,001.00	\$132,012.00	2.69%	2.69%	
400,000	\$14,114.00	\$169,368.00	\$14,498.00	\$173,976.00	2.72%	2.72%	
500,000	\$17,515.00	\$210,180.00	\$17,995.00	\$215,940.00	2.74%	2.74%	
600,000	\$20,916.00	\$250,992.00	\$21,492.00	\$257,904.00	2.75%	2.75%	
700,000	\$24,317.00	\$291,804.00	\$24,989.00	\$299,868.00	2.76%	2.76%	
800,000	\$27,718.00	\$332,616.00	\$28,486.00	\$341,832.00	2.77%	2.77%	
900,000	\$31,119.00	\$373,428.00	\$31,983.00	\$383,796.00	2.78%	2.78%	
1,000,000	\$34,520.00	\$414,240.00	\$35,480.00	\$425,760.00	2.78%	2.78%	
1,500,000	\$51,525.00	\$618,300.00	\$52,965.00	\$635,580.00	2.79%	2.79%	

Transport-NNG Electric Generation INT Class 2 - CIP Exempt			Transport-NNG Electric Generation INT Class 2 - CIP Exempt			Percent Change	
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
200,000	\$1,406.00	\$16,872.00	\$1,646.00	\$19,752.00	17.07%	17.07%	
300,000	\$1,854.00	\$22,248.00	\$2,214.00	\$26,568.00	19.42%	19.42%	
400,000	\$2,302.00	\$27,624.00	\$2,782.00	\$33,384.00	20.85%	20.85%	
500,000	\$2,750.00	\$33,000.00	\$3,350.00	\$40,200.00	21.82%	21.82%	
600,000	\$3,198.00	\$38,376.00	\$3,918.00	\$47,016.00	22.51%	22.51%	
700,000	\$3,646.00	\$43,752.00	\$4,486.00	\$53,832.00	23.04%	23.04%	
800,000	\$4,094.00	\$49,128.00	\$5,054.00	\$60,648.00	23.45%	23.45%	
900,000	\$4,542.00	\$54,504.00	\$5,622.00	\$67,464.00	23.78%	23.78%	
1,000,000	\$4,990.00	\$59,880.00	\$6,190.00	\$74,280.00	24.05%	24.05%	
1,500,000	\$7,230.00	\$86,760.00	\$9,030.00	\$108,360.00	24.90%	24.90%	

Transport-NNG C&I Firm/Interruptible Class 2			Transport-NNG C&I Firm/Interruptible Class 2			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
125	\$212.07	\$2,544.83	\$220.10	\$2,641.17	3.79%	3.79%	
200	\$222.31	\$2,667.72	\$235.16	\$2,821.87	5.78%	5.78%	
300	\$235.97	\$2,831.58	\$255.23	\$3,062.81	8.17%	8.17%	
500	\$263.28	\$3,159.30	\$295.39	\$3,544.68	12.20%	12.20%	
600	\$276.93	\$3,323.16	\$315.47	\$3,785.62	13.92%	13.92%	
800	\$304.24	\$3,650.88	\$355.62	\$4,267.49	16.89%	16.89%	
1,000	\$331.55	\$3,978.60	\$395.78	\$4,749.36	19.37%	19.37%	
1,200	\$358.86	\$4,306.32	\$435.94	\$5,231.23	21.48%	21.48%	
1,400	\$386.17	\$4,634.04	\$476.09	\$5,713.10	23.29%	23.29%	
1,600	\$413.48	\$4,961.76	\$516.25	\$6,194.98	24.85%	24.85%	

Transport-NNG C&I Firm/Interruptible Class 3			Transport-NNG C&I Firm/Interruptible Class 3			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
2,000	\$534.06	\$6,408.72	\$598.88	\$7,186.56	12.14%	12.14%	
5,000	\$862.65	\$10,351.80	\$1,024.70	\$12,296.40	18.79%	18.79%	
10,000	\$1,410.30	\$16,923.60	\$1,734.40	\$20,812.80	22.98%	22.98%	
15,000	\$1,957.95	\$23,495.40	\$2,444.10	\$29,329.20	24.83%	24.83%	
20,000	\$2,505.60	\$30,067.20	\$3,153.80	\$37,845.60	25.87%	25.87%	
30,000	\$3,600.90	\$43,210.80	\$4,573.20	\$54,878.40	27.00%	27.00%	
40,000	\$4,696.20	\$56,354.40	\$5,992.60	\$71,911.20	27.61%	27.61%	
50,000	\$5,791.50	\$69,498.00	\$7,412.00	\$88,944.00	27.98%	27.98%	
60,000	\$6,886.80	\$82,641.60	\$8,831.40	\$105,976.80	28.24%	28.24%	
70,000	\$7,982.10	\$95,785.20	\$10,250.80	\$123,009.60	28.42%	28.42%	

Transport-NNG C&I Firm/Interruptible Class 4			Transport-NNG C&I Firm/Interruptible Class 4			Percent Change	
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		In Bill		
	Monthly	Annual	Monthly	Annual	Monthly	Annual	
70,000	\$3,778.65	\$45,343.80	\$4,298.75	\$51,585.00	13.76%	13.76%	
80,000	\$4,270.60	\$51,247.20	\$4,865.00	\$58,380.00	13.92%	13.92%	
90,000	\$4,762.55	\$57,150.60	\$5,431.25	\$65,175.00	14.04%	14.04%	
100,000	\$5,254.50	\$63,054.00	\$5,997.50	\$71,970.00	14.14%	14.14%	
110,000	\$5,746.45	\$68,957.40	\$6,563.75	\$78,765.00	14.22%	14.22%	
120,000	\$6,238.40	\$74,860.80	\$7,130.00	\$85,560.00	14.29%	14.29%	
130,000	\$6,730.35	\$80,764.20	\$7,696.25	\$92,355.00	14.35%	14.35%	
140,000	\$7,222.30	\$86,667.60	\$8,262.50	\$99,150.00	14.40%	14.40%	
150,000	\$7,714.25	\$92,571.00	\$8,828.75	\$105,945.00	14.45%	14.45%	
160,000	\$8,206.20	\$98,474.40	\$9,395.00	\$112,740.00	14.49%	14.49%	

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

**MINNESOTA ENERGY RESOURCES CORPORATION
 BILL COMPARISON (INCLUDING GAS COSTS)**

Transport-NNG C&I Firm/Interruptible Class 5

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
200,000	\$7,397.00	\$88,764.00
300,000	\$10,840.50	\$130,086.00
400,000	\$14,284.00	\$171,408.00
500,000	\$17,727.50	\$212,730.00
600,000	\$21,171.00	\$254,052.00
700,000	\$24,614.50	\$295,374.00
800,000	\$28,058.00	\$336,696.00
900,000	\$31,501.50	\$378,018.00
1,000,000	\$34,945.00	\$419,340.00
1,500,000	\$52,162.50	\$625,950.00

Transport-NNG C&I Firm/Interruptible Class 5

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$7,746.00	\$92,952.00	4.72%	4.72%
\$11,364.00	\$136,368.00	4.83%	4.83%
\$14,982.00	\$179,784.00	4.89%	4.89%
\$18,600.00	\$223,200.00	4.92%	4.92%
\$22,218.00	\$266,616.00	4.95%	4.95%
\$25,836.00	\$310,032.00	4.96%	4.96%
\$29,454.00	\$353,448.00	4.98%	4.98%
\$33,072.00	\$396,864.00	4.99%	4.99%
\$36,690.00	\$440,280.00	4.99%	4.99%
\$54,780.00	\$657,360.00	5.02%	5.02%

Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
200,000	\$1,491.00	\$17,892.00
300,000	\$1,981.50	\$23,778.00
400,000	\$2,472.00	\$29,664.00
500,000	\$2,962.50	\$35,550.00
600,000	\$3,453.00	\$41,436.00
700,000	\$3,943.50	\$47,322.00
800,000	\$4,434.00	\$53,208.00
900,000	\$4,924.50	\$59,094.00
1,000,000	\$5,415.00	\$64,980.00
1,500,000	\$7,867.50	\$94,410.00

Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$1,888.00	\$22,656.00	26.63%	26.63%
\$2,577.00	\$30,924.00	30.05%	30.05%
\$3,266.00	\$39,192.00	32.12%	32.12%
\$3,955.00	\$47,460.00	33.50%	33.50%
\$4,644.00	\$55,728.00	34.49%	34.49%
\$5,333.00	\$63,996.00	35.24%	35.24%
\$6,022.00	\$72,264.00	35.81%	35.81%
\$6,711.00	\$80,532.00	36.28%	36.28%
\$7,400.00	\$88,800.00	36.66%	36.66%
\$10,845.00	\$130,140.00	37.85%	37.85%

Transport for Resale

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
70,000	\$5,664.80	\$67,977.60
80,000	\$6,426.20	\$77,114.40
90,000	\$7,187.60	\$86,251.20
100,000	\$7,949.00	\$95,388.00
110,000	\$8,710.40	\$104,524.80
120,000	\$9,471.80	\$113,661.60
130,000	\$10,233.20	\$122,798.40
140,000	\$10,994.60	\$131,935.20
150,000	\$11,756.00	\$141,072.00
160,000	\$12,517.40	\$150,208.80

Transport for Resale

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$6,163.55	\$73,962.60	8.80%	8.80%
\$6,996.20	\$83,954.40	8.87%	8.87%
\$7,828.85	\$93,946.20	8.92%	8.92%
\$8,661.50	\$103,938.00	8.96%	8.96%
\$9,494.15	\$113,929.80	9.00%	9.00%
\$10,326.80	\$123,921.60	9.03%	9.03%
\$11,159.45	\$133,913.40	9.05%	9.05%
\$11,992.10	\$143,905.20	9.07%	9.07%
\$12,824.75	\$153,897.00	9.09%	9.09%
\$13,657.40	\$163,888.80	9.11%	9.11%

LVJ-NNG Flex Transport (Cust "A")

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
70,000	\$3,281.65	\$39,379.80
80,000	\$3,702.60	\$44,431.20
90,000	\$4,123.55	\$49,482.60
100,000	\$4,544.50	\$54,534.00
110,000	\$4,965.45	\$59,585.40
120,000	\$5,386.40	\$64,636.80
130,000	\$5,807.35	\$69,688.20
140,000	\$6,228.30	\$74,739.60
150,000	\$6,649.25	\$79,791.00
160,000	\$7,070.20	\$84,842.40

LVJ-NNG Flex Transport (Cust "A")

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$3,571.64	\$42,859.65	8.84%	8.84%
\$4,034.01	\$48,408.17	8.95%	8.95%
\$4,496.39	\$53,956.69	9.04%	9.04%
\$4,958.77	\$59,505.21	9.12%	9.12%
\$5,421.14	\$65,053.74	9.18%	9.18%
\$5,883.52	\$70,602.26	9.23%	9.23%
\$6,345.90	\$76,150.78	9.27%	9.27%
\$6,808.28	\$81,699.30	9.31%	9.31%
\$7,270.65	\$87,247.82	9.35%	9.35%
\$7,733.03	\$92,796.34	9.37%	9.37%

LVJ-NNG Flex Transport (Cust "F")

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
70,000	\$3,347.10	\$40,165.20
80,000	\$3,777.40	\$45,328.80
90,000	\$4,207.70	\$50,492.40
100,000	\$4,638.00	\$55,656.00
110,000	\$5,068.30	\$60,819.60
120,000	\$5,498.60	\$65,983.20
130,000	\$5,928.90	\$71,146.80
140,000	\$6,359.20	\$76,310.40
150,000	\$6,789.50	\$81,474.00
160,000	\$7,219.80	\$86,637.60

LVJ-NNG Flex Transport (Cust "F")

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$3,654.62	\$43,855.43	9.19%	9.19%
\$4,128.85	\$49,546.20	9.30%	9.30%
\$4,603.08	\$55,236.98	9.40%	9.40%
\$5,077.31	\$60,927.75	9.47%	9.47%
\$5,551.54	\$66,618.53	9.53%	9.53%
\$6,025.78	\$72,309.30	9.59%	9.59%
\$6,500.01	\$78,000.08	9.63%	9.63%
\$6,974.24	\$83,690.85	9.67%	9.67%
\$7,448.47	\$89,381.63	9.71%	9.71%
\$7,922.70	\$95,072.40	9.74%	9.74%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

LVJ-NNG Flex Transport (Cust "G")			LVJ-NNG Flex Transport (Cust "G")			
Monthly Therm Consumption **	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
70,000	\$3,252.25	\$39,027.00	\$3,534.36	\$42,412.35	8.67%	8.67%
80,000	\$3,669.00	\$44,028.00	\$3,991.41	\$47,896.97	8.79%	8.79%
90,000	\$4,085.75	\$49,029.00	\$4,448.47	\$53,381.59	8.88%	8.88%
100,000	\$4,502.50	\$54,030.00	\$4,905.52	\$58,866.21	8.95%	8.95%
110,000	\$4,919.25	\$59,031.00	\$5,362.57	\$64,350.84	9.01%	9.01%
120,000	\$5,336.00	\$64,032.00	\$5,819.62	\$69,835.46	9.06%	9.06%
130,000	\$5,752.75	\$69,033.00	\$6,276.67	\$75,320.08	9.11%	9.11%
140,000	\$6,169.50	\$74,034.00	\$6,733.73	\$80,804.70	9.15%	9.15%
150,000	\$6,586.25	\$79,035.00	\$7,190.78	\$86,289.32	9.18%	9.18%
160,000	\$7,003.00	\$84,036.00	\$7,647.83	\$91,773.94	9.21%	9.21%

Transport-CONSOLIDATED C&I FIRM Class 2			Transport-CONSOLIDATED C&I FIRM Class 2			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
125	\$216.07	\$2,592.86	\$226.51	\$2,718.14	4.83%	4.83%
200	\$228.71	\$2,744.57	\$245.42	\$2,945.02	7.30%	7.30%
300	\$245.57	\$2,946.85	\$270.63	\$3,247.52	10.20%	10.20%
500	\$279.29	\$3,351.42	\$321.05	\$3,852.54	14.95%	14.95%
600	\$296.14	\$3,553.70	\$346.25	\$4,155.05	16.92%	16.92%
800	\$329.86	\$3,958.27	\$396.67	\$4,760.06	20.26%	20.26%
1,000	\$363.57	\$4,362.84	\$447.09	\$5,365.08	22.97%	22.97%
1,200	\$397.28	\$4,767.41	\$497.51	\$5,970.10	25.23%	25.23%
1,400	\$431.00	\$5,171.98	\$547.93	\$6,575.11	27.13%	27.13%
1,600	\$464.71	\$5,576.54	\$598.34	\$7,180.13	28.76%	28.76%

Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt			Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
125	\$212.38	\$2,548.56	\$222.85	\$2,674.20	4.93%	4.93%
200	\$222.81	\$2,673.70	\$239.56	\$2,874.72	7.52%	7.52%
300	\$236.71	\$2,840.54	\$261.84	\$3,142.08	10.62%	10.62%
500	\$264.52	\$3,174.24	\$306.40	\$3,676.80	15.83%	15.83%
600	\$278.42	\$3,341.09	\$328.68	\$3,944.16	18.05%	18.05%
800	\$306.23	\$3,674.78	\$373.24	\$4,478.88	21.88%	21.88%
1,000	\$334.04	\$4,008.48	\$417.80	\$5,013.60	25.07%	25.07%
1,200	\$361.85	\$4,342.18	\$462.36	\$5,548.32	27.78%	27.78%
1,400	\$389.66	\$4,675.87	\$506.92	\$6,083.04	30.09%	30.09%
1,600	\$417.46	\$5,009.57	\$551.48	\$6,617.76	32.10%	32.10%

Transport-CONSOLIDATED C&I FIRM Class 3			Transport-CONSOLIDATED C&I FIRM Class 3			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
2,000	\$564.06	\$6,768.72	\$644.72	\$7,736.64	14.30%	14.30%
5,000	\$937.65	\$11,251.80	\$1,139.30	\$13,671.60	21.51%	21.51%
10,000	\$1,560.30	\$18,723.60	\$1,963.60	\$23,563.20	25.85%	25.85%
15,000	\$2,182.95	\$26,195.40	\$2,787.90	\$33,454.80	27.71%	27.71%
20,000	\$2,805.60	\$33,667.20	\$3,612.20	\$43,346.40	28.75%	28.75%
30,000	\$4,050.90	\$48,610.80	\$5,260.80	\$63,129.60	29.87%	29.87%
40,000	\$5,296.20	\$63,554.40	\$6,909.40	\$82,912.80	30.46%	30.46%
50,000	\$6,541.50	\$78,498.00	\$8,558.00	\$102,696.00	30.83%	30.83%
60,000	\$7,786.80	\$93,441.60	\$10,206.60	\$122,479.20	31.08%	31.08%
70,000	\$9,032.10	\$108,385.20	\$11,855.20	\$142,262.40	31.26%	31.26%

Transport-CONSOLIDATED C&I FIRM Class 4			Transport-CONSOLIDATED C&I FIRM Class 4			
Monthly Therm Consumption	Bills Under Current Rates		Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual	Monthly	Annual
70,000	\$3,846.20	\$46,154.40	\$4,358.60	\$52,303.20	13.32%	13.32%
80,000	\$4,347.80	\$52,173.60	\$4,933.40	\$59,200.80	13.47%	13.47%
90,000	\$4,849.40	\$58,192.80	\$5,508.20	\$66,098.40	13.59%	13.59%
100,000	\$5,351.00	\$64,212.00	\$6,083.00	\$72,996.00	13.68%	13.68%
110,000	\$5,852.60	\$70,231.20	\$6,657.80	\$79,893.60	13.76%	13.76%
120,000	\$6,354.20	\$76,250.40	\$7,232.60	\$86,791.20	13.82%	13.82%
130,000	\$6,855.80	\$82,269.60	\$7,807.40	\$93,688.80	13.88%	13.88%
140,000	\$7,357.40	\$88,288.80	\$8,382.20	\$100,586.40	13.93%	13.93%
150,000	\$7,859.00	\$94,308.00	\$8,957.00	\$107,484.00	13.97%	13.97%
160,000	\$8,360.60	\$100,327.20	\$9,531.80	\$114,381.60	14.01%	14.01%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

**MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)**

Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	200,000	\$1,576.00
300,000	\$2,109.00	\$25,308.00
400,000	\$2,642.00	\$31,704.00
500,000	\$3,175.00	\$38,100.00
600,000	\$3,708.00	\$44,496.00
700,000	\$4,241.00	\$50,892.00
800,000	\$4,774.00	\$57,288.00
900,000	\$5,307.00	\$63,684.00
1,000,000	\$5,840.00	\$70,080.00
1,500,000	\$8,505.00	\$102,060.00

Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
	200,000	\$2,130.00	\$25,560.00	35.15%
300,000	\$2,940.00	\$35,280.00	39.40%	39.40%
400,000	\$3,750.00	\$45,000.00	41.94%	41.94%
500,000	\$4,560.00	\$54,720.00	43.62%	43.62%
600,000	\$5,370.00	\$64,440.00	44.82%	44.82%
700,000	\$6,180.00	\$74,160.00	45.72%	45.72%
800,000	\$6,990.00	\$83,880.00	46.42%	46.42%
900,000	\$7,800.00	\$93,600.00	46.98%	46.98%
1,000,000	\$8,610.00	\$103,320.00	47.43%	47.43%
1,500,000	\$12,660.00	\$151,920.00	48.85%	48.85%

Transport-CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	125	\$208.07
200	\$215.91	\$2,590.87
300	\$226.36	\$2,716.31
500	\$247.27	\$2,967.18
600	\$257.72	\$3,092.62
800	\$278.62	\$3,343.49
1,000	\$299.53	\$3,594.36
1,200	\$320.44	\$3,845.23
1,400	\$341.34	\$4,096.10
1,600	\$362.25	\$4,346.98

Transport-CONSOLIDATED C&I INT Class 2

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
	125	\$213.68	\$2,564.21	2.70%
200	\$224.89	\$2,698.73	4.16%	4.16%
300	\$239.84	\$2,878.09	5.96%	5.96%
500	\$269.74	\$3,236.82	9.09%	9.09%
600	\$284.68	\$3,416.18	10.46%	10.46%
800	\$314.58	\$3,774.91	12.90%	12.90%
1,000	\$344.47	\$4,133.64	15.00%	15.00%
1,200	\$374.36	\$4,492.37	16.83%	16.83%
1,400	\$404.26	\$4,851.10	18.43%	18.43%
1,600	\$434.15	\$5,209.82	19.85%	19.85%

Transport-CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	2,000	\$504.06
5,000	\$787.65	\$9,451.80
10,000	\$1,260.30	\$15,123.60
15,000	\$1,732.95	\$20,795.40
20,000	\$2,205.60	\$26,467.20
30,000	\$3,150.90	\$37,810.80
40,000	\$4,096.20	\$49,154.40
50,000	\$5,041.50	\$60,498.00
60,000	\$5,986.80	\$71,841.60
70,000	\$6,932.10	\$83,185.20

Transport-CONSOLIDATED C&I INT Class 3

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
	2,000	\$553.04	\$6,636.48	9.72%
5,000	\$910.10	\$10,921.20	15.55%	15.55%
10,000	\$1,505.20	\$18,062.40	19.43%	19.43%
15,000	\$2,100.30	\$25,203.60	21.20%	21.20%
20,000	\$2,695.40	\$32,344.80	22.21%	22.21%
30,000	\$3,885.60	\$46,627.20	23.32%	23.32%
40,000	\$5,075.80	\$60,909.60	23.91%	23.91%
50,000	\$6,266.00	\$75,192.00	24.29%	24.29%
60,000	\$7,456.20	\$89,474.40	24.54%	24.54%
70,000	\$8,646.40	\$103,756.80	24.73%	24.73%

Transport-CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	70,000	\$3,711.10
80,000	\$4,193.40	\$50,320.80
90,000	\$4,675.70	\$56,108.40
100,000	\$5,158.00	\$61,896.00
110,000	\$5,640.30	\$67,683.60
120,000	\$6,122.60	\$73,471.20
130,000	\$6,604.90	\$79,258.80
140,000	\$7,087.20	\$85,046.40
150,000	\$7,569.50	\$90,834.00
160,000	\$8,051.80	\$96,621.60

Transport-CONSOLIDATED C&I INT Class 4

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
	70,000	\$4,238.90	\$50,866.80	14.22%
80,000	\$4,796.60	\$57,559.20	14.38%	14.38%
90,000	\$5,354.30	\$64,251.60	14.51%	14.51%
100,000	\$5,912.00	\$70,944.00	14.62%	14.62%
110,000	\$6,469.70	\$77,636.40	14.70%	14.70%
120,000	\$7,027.40	\$84,328.80	14.78%	14.78%
130,000	\$7,585.10	\$91,021.20	14.84%	14.84%
140,000	\$8,142.80	\$97,713.60	14.89%	14.89%
150,000	\$8,700.50	\$104,406.00	14.94%	14.94%
160,000	\$9,258.20	\$111,098.40	14.98%	14.98%

Transport-CONSOLIDATED C&I INT Class 5

Monthly Therm Consumption	Bills Under Current Rates	
	Monthly	Annual
	200,000	\$7,312.00
300,000	\$10,713.00	\$128,556.00
400,000	\$14,114.00	\$169,368.00
500,000	\$17,515.00	\$210,180.00
600,000	\$20,916.00	\$250,992.00
700,000	\$24,317.00	\$291,804.00
800,000	\$27,718.00	\$332,616.00
900,000	\$31,119.00	\$373,428.00
1,000,000	\$34,520.00	\$414,240.00
1,500,000	\$51,525.00	\$618,300.00

Transport-CONSOLIDATED C&I INT Class 5

Monthly Therm Consumption	Bills Under Proposed Rates		Percent Change In Bill	
	Monthly	Annual	Monthly	Annual
	200,000	\$7,504.00	\$90,048.00	2.63%
300,000	\$11,001.00	\$132,012.00	2.69%	2.69%
400,000	\$14,498.00	\$173,976.00	2.72%	2.72%
500,000	\$17,995.00	\$215,940.00	2.74%	2.74%
600,000	\$21,492.00	\$257,904.00	2.75%	2.75%
700,000	\$24,989.00	\$299,868.00	2.76%	2.76%
800,000	\$28,486.00	\$341,832.00	2.77%	2.77%
900,000	\$31,983.00	\$383,796.00	2.78%	2.78%
1,000,000	\$35,480.00	\$425,760.00	2.78%	2.78%
1,500,000	\$52,965.00	\$635,580.00	2.79%	2.79%

MINNESOTA ENERGY RESOURCES CORPORATION
BILL COMPARISON (INCLUDING GAS COSTS)

Transport-CONSOLIDATED C&I Firm/Interruptible Class 3

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
2,000	\$534.06	\$6,408.72
5,000	\$862.65	\$10,351.80
10,000	\$1,410.30	\$16,923.60
15,000	\$1,957.95	\$23,495.40
20,000	\$2,505.60	\$30,067.20
30,000	\$3,600.90	\$43,210.80
40,000	\$4,696.20	\$56,354.40
50,000	\$5,791.50	\$69,498.00
60,000	\$6,886.80	\$82,641.60
70,000	\$7,982.10	\$95,785.20

Transport-CONSOLIDATED C&I Firm/Interruptible Class 3

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$598.88	\$7,186.56	12.14%	12.14%
\$1,024.70	\$12,296.40	18.79%	18.79%
\$1,734.40	\$20,812.80	22.98%	22.98%
\$2,444.10	\$29,329.20	24.83%	24.83%
\$3,153.80	\$37,845.60	25.87%	25.87%
\$4,573.20	\$54,878.40	27.00%	27.00%
\$5,992.60	\$71,911.20	27.61%	27.61%
\$7,412.00	\$88,944.00	27.98%	27.98%
\$8,831.40	\$105,976.80	28.24%	28.24%
\$10,250.80	\$123,009.60	28.42%	28.42%

Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt

Monthly Therm Consumption **	Bills Under Current Rates	
	Monthly	Annual
200,000	\$1,491.00	\$17,892.00
300,000	\$1,981.50	\$23,778.00
400,000	\$2,472.00	\$29,664.00
500,000	\$2,962.50	\$35,550.00
600,000	\$3,453.00	\$41,436.00
700,000	\$3,943.50	\$47,322.00
800,000	\$4,434.00	\$53,208.00
900,000	\$4,924.50	\$59,094.00
1,000,000	\$5,415.00	\$64,980.00
1,500,000	\$7,867.50	\$94,410.00

Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt

Bills Under Proposed Rates		Percent Change In Bill	
Monthly	Annual	Monthly	Annual
\$1,888.00	\$22,656.00	26.63%	26.63%
\$2,577.00	\$30,924.00	30.05%	30.05%
\$3,266.00	\$39,192.00	32.12%	32.12%
\$3,955.00	\$47,460.00	33.50%	33.50%
\$4,644.00	\$55,728.00	34.49%	34.49%
\$5,333.00	\$63,996.00	35.24%	35.24%
\$6,022.00	\$72,264.00	35.81%	35.81%
\$6,711.00	\$80,532.00	36.28%	36.28%
\$7,400.00	\$88,800.00	36.66%	36.66%
\$10,845.00	\$130,140.00	37.85%	37.85%

** For Firm/Interruptible rate schedules, assumption is made that 50% of monthly therm consumption is interruptible and 50% is firm.

MINNESOTA ENERGY RESOURCES CORPORATION
AVERAGE MONTHLY USAGE AND PRESENT MONTHLY BILL COMPARED TO PROPOSED (INCLUDING GAS COSTS)

MERC Customer Class	Average Monthly Usage (Therms)	Present Monthly Bill	Proposed Monthly Bill	Present Monthly Bill Including GUIC & NGEF Rider Surcharge Revenues	Proposed Monthly Bill
NNG SALES					
GS-NNG Residential Sales	71 \$	92 \$	102	93 \$	102
GS-NNG Residential Farm-Tap Sales	127 \$	157 \$	175	160 \$	175
GS-NNG C&I FIRM Class 1	72 \$	100 \$	109	101 \$	109
GS-NNG C&I Farm-Tap Class 1	112 \$	146 \$	159	147 \$	159
GS-NNG C&I FIRM Class 2	624 \$	720 \$	773	729 \$	773
GS-NNG C&I FIRM Class 3	12,340 \$	12,978 \$	13,476	13,040 \$	13,476
GS-NNG C&I Farm-Tap Class 2	955 \$	1,079 \$	1,159	1,092 \$	1,159
GS-NNG C&I Farm-Tap Class 3	31,164 \$	32,524 \$	33,781	32,680 \$	33,781
NNG C&I INT Class 2	3,758 \$	3,474 \$	3,642	3,524 \$	3,642
NNG C&I INT Class 3	20,442 \$	18,610 \$	19,110	18,712 \$	19,110
NNG Agriculture Grain Dryer - Class 1	787 \$	782 \$	834	793 \$	834
NNG Agriculture Grain Dryer - Class 2	3,832 \$	3,453 \$	3,595	3,505 \$	3,595
NNG Electric Generation - Class 1	951 \$	908 \$	948	921 \$	948
NNG C&I Firm/Interruptible Class 2	7,133 \$	6,862 \$	7,369	6,959 \$	7,369
CONSOLIDATED SALES					
GS-CONSOLIDATED Residential Sales	72 \$	77 \$	87	79 \$	87
GS-CONSOLIDATED C&I FIRM Class 1	73 \$	86 \$	95	87 \$	95
GS-CONSOLIDATED C&I FIRM Class 2	555 \$	526 \$	572	533 \$	572
GS-CONSOLIDATED C&I FIRM Class 3	9,842 \$	8,265 \$	8,662	8,315 \$	8,662
CONSOLIDATED C&I INT Class 2	3,399 \$	2,521 \$	2,673	2,566 \$	2,673
CONSOLIDATED C&I INT Class 3	15,749 \$	11,478 \$	11,864	11,557 \$	11,864
CONSOLIDATED C&I INT Class 4	101,748 \$	68,562 \$	69,330	69,073 \$	69,330
CONSOLIDATED Agriculture Grain Dryer - Class 1	491 \$	415 \$	447	421 \$	447
CONSOLIDATED Agriculture Grain Dryer - Class 2	2,397 \$	1,736 \$	1,825	1,768 \$	1,825
CONSOLIDATED Electric Generation - Class 1	1,137 \$	867 \$	915	883 \$	915
CONSOLIDATED C&I Firm/Interruptible Class 2	5,011 \$	3,871 \$	4,203	3,939 \$	4,203
NNG TRANSPORT					
Transport-NNG C&I FIRM Class 2	4,541 \$	960 \$	1,340	1,022 \$	1,340
Transport-NNG C&I FIRM Class 3	20,023 \$	2,808 \$	3,616	2,909 \$	3,616
Transport-NNG C&I FIRM Class 4	106,604 \$	5,682 \$	6,463	6,217 \$	6,463
Transport-NNG C&I FIRM Class 5 - CIP Exempt	574,963 \$	3,575 \$	5,167	4,782 \$	5,167
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	5,159,320 \$	28,009 \$	42,300	38,844 \$	42,300
Transport-NNG C&I INT Class 2	5,889 \$	811 \$	1,075	890 \$	1,075
Transport-NNG C&I INT Class 3	42,392 \$	4,322 \$	5,361	4,535 \$	5,361
Transport-NNG C&I INT Class 4	149,532 \$	7,547 \$	8,674	8,298 \$	8,674
Transport-NNG C&I INT Class 5	188,137 \$	6,909 \$	7,089	7,304 \$	7,089
Transport-NNG C&I INT Class 5 - CIP Exempt	3,493,785 \$	16,162 \$	20,355	17,385 \$	20,355
Transport-NNG Electric Generation INT Class 2	108,969 \$	4,216 \$	4,321	4,445 \$	4,321
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	208,858 \$	1,446 \$	1,696	1,884 \$	1,696
Transport-NNG C&I Firm/Interruptible Class 2	5,708 \$	879 \$	1,188	956 \$	1,188
Transport-NNG C&I Firm/Interruptible Class 3	42,240 \$	4,574 \$	5,749	4,786 \$	5,749
Transport-NNG C&I Firm/Interruptible Class 4	193,833 \$	9,960 \$	11,390	10,933 \$	11,390
Transport-NNG C&I Firm/Interruptible Class 5	355,394 \$	12,610 \$	12,975	13,356 \$	12,975
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	977,331 \$	5,247 \$	7,082	7,299 \$	7,082
Transport for Resale	28,366 \$	2,495 \$	2,697	2,554 \$	2,697
LVJ-NNG Flex Transport (Cust "A")	392,144 \$	18,155 \$	20,297	18,293 \$	20,297
LVI-NNG Flex Transport (Cust "B")					
LVI-NNG Flex Transport (Cust "C")					
LVI-NNG Flex Transport (Cust "D")					
LVJ-NNG Flex Transport (Cust "E")					
LVJ-NNG Flex Transport (Cust "F")	108,965 \$	5,237 \$	5,944	5,466 \$	5,944
LVJ-NNG Flex Transport (Cust "G")	104,163 \$	5,013 \$	5,564	5,232 \$	5,564
CONSOLIDATED TRANSPORT					
Transport-CONSOLIDATED C&I FIRM Class 2	3,801 \$	836 \$	1,153	887 \$	1,153
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	5,015 \$	892 \$	1,312	960 \$	1,312
Transport-CONSOLIDATED C&I FIRM Class 3	23,664 \$	3,262 \$	4,216	3,381 \$	4,216
Transport-CONSOLIDATED C&I FIRM Class 4	124,171 \$	6,563 \$	7,472	7,187 \$	7,472
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	1,962,554 \$	10,970 \$	16,407	15,092 \$	16,407
Transport-CONSOLIDATED C&I INT Class 2	6,101 \$	833 \$	1,107	915 \$	1,107
Transport-CONSOLIDATED C&I INT Class 3	26,565 \$	2,826 \$	3,477	2,960 \$	3,477
Transport-CONSOLIDATED C&I INT Class 4	129,765 \$	6,594 \$	7,572	7,245 \$	7,572
Transport-CONSOLIDATED C&I INT Class 5	395,311 \$	13,955 \$	14,334	14,785 \$	14,334
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	20,271 \$	2,338 \$	2,891	2,440 \$	2,891
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	1,001,711 \$	5,375 \$	7,275	7,479 \$	7,275

**MINNESOTA ENERGY RESOURCES CORPORATION
BREAKPOINT ANALYSIS FOR PROPOSED RATES**

C&I Class 1 @ 1,500 Therms	\$733.37	
C&I Class 2 @ 1,500 Therms	\$918.14	25.19%
C&I Class 2 @ 100,000 Therms	\$25,749.00	
C&I Class 3 @ 100,000 Therms	\$18,466.00	-28.28%
C&I Class 3 @ 1,000,000 Therms	\$166,840.00	
C&I Class 4 @ 1,000,000 Therms	\$59,700.00	-64.22%
C&I Class 4 @ 2,000,000 Therms	\$117,180.00	
C&I Class 5 @ 2,000,000 Therms	\$79,100.00	-32.50%

**MINNESOTA ENERGY RESOURCES CORPORATION
RATE DIFFERENTIALS - FIRM AND INTERRUPTIBLE**

CURRENT									
	Therms	Firm Distribution Rate	Firm Distribution Revenues	Interruptible Distribution Rate	Interruptible Distribution Revenues	Firm vs. Interruptible Revenues	Percentage Difference		
Class 1	1,500	\$ 0.22251	\$ 334	\$ 0.15847	\$ 238	\$ 96	28.78%		
Class 2	100,000	\$ 0.16857	\$ 16,857	\$ 0.10453	\$ 10,453	\$ 6,404	37.99%		
Class 3	1,000,000	\$ 0.12453	\$ 124,530	\$ 0.09453	\$ 94,530	\$ 30,000	24.09%		
Class 4	2,000,000	\$ 0.05016	\$ 100,320	\$ 0.04823	\$ 96,460	\$ 3,860	3.85%		
Class 5	4,000,000	\$ 0.03486	\$ 139,440	\$ 0.03401	\$ 136,040	\$ 3,400	2.44%		

PROPOSED									
	Therms	Firm Distribution Rate	Firm Distribution Revenues	Interruptible Distribution Rate	Interruptible Distribution Revenues	Firm vs. Interruptible Revenues	Percentage Difference		
Class 1	1,500	\$ 0.34491	\$ 517	\$ 0.23478	\$ 352	\$ 165	31.93%		
Class 2	100,000	\$ 0.25209	\$ 25,209	\$ 0.14947	\$ 14,947	\$ 10,262	40.71%		
Class 3	1,000,000	\$ 0.16486	\$ 164,860	\$ 0.11902	\$ 119,020	\$ 45,840	27.81%		
Class 4	2,000,000	\$ 0.05748	\$ 114,960	\$ 0.05577	\$ 111,540	\$ 3,420	2.97%		
Class 5	4,000,000	\$ 0.03739	\$ 149,560	\$ 0.03497	\$ 139,880	\$ 9,680	6.47%		

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
** INCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES **

MERC Customer Class	Units			Current Rates								Current Revenues								Total
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCR)C	Firm Distribution Charge less (CCR)C	GUIC	NGEP	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCR)C	Firm Distribution Charge less (CCR)C	GUIC	NGEP	CCRC	Cost of Gas			
NNG SALES																				
GS-NNG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.91381	\$ 21,578,737	\$ -	\$ 34,884,870	\$ 3,328,600	\$ 770,364	\$ 4,740,028	\$ 146,687,665	\$ 211,990,264		
GS-NNG Residential Farm-Tap Sales	14,880	0	1,889,366	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.91381	\$ 141,360	\$ -	\$ 410,616	\$ 39,185	\$ 9,069	\$ 55,793	\$ 1,726,521	\$ 2,382,545		
GS-NNG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 1,628,974	\$ -	\$ 1,265,495	\$ 70,560	\$ 18,099	\$ 193,647	\$ 5,992,444	\$ 9,169,220		
GS-NNG C&I Firm-Tap Class 1	1,368	0	163,504	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 24,624	\$ -	\$ 29,623	\$ 1,652	\$ 424	\$ 4,533	\$ 140,273	\$ 201,129		
GS-NNG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 5,468,346	\$ -	\$ 10,544,475	\$ 816,014	\$ 209,312	\$ 2,239,487	\$ 69,301,255	\$ 88,578,889		
GS-NNG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.91381	\$ 101,963	\$ -	\$ 724,419	\$ 35,611	\$ 2,669	\$ 225,180	\$ 6,968,229	\$ 8,058,072		
GS-NNG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 113,940	\$ -	\$ 336,379	\$ 26,032	\$ 6,877	\$ 71,442	\$ 2,210,779	\$ 2,765,249		
GS-NNG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.91381	\$ 3,960	\$ -	\$ 71,054	\$ 3,493	\$ 262	\$ 22,087	\$ 683,471	\$ 784,326		
NNG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 83,322	\$ 521,892	\$ -	\$ 74,874	\$ 19,206	\$ 205,486	\$ 5,620,919	\$ 6,525,699		
NNG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.80777	\$ 86,633	\$ 697,640	\$ -	\$ 50,123	\$ 3,757	\$ 316,943	\$ 8,669,731	\$ 9,824,827		
NNG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 41,040	\$ 71,749	\$ -	\$ 7,720	\$ 1,990	\$ 21,198	\$ 579,568	\$ 723,246		
NNG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 34,560	\$ 152,955	\$ -	\$ 31,668	\$ 8,123	\$ 81,123	\$ 2,377,385	\$ 2,691,603		
NNG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 4,860	\$ 7,192	\$ -	\$ 1,106	\$ 284	\$ 3,034	\$ 82,995	\$ 99,470		
NNG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 540	\$ 2,067	\$ 8,069	\$ 921	\$ 236	\$ 2,528	\$ 69,143	\$ 83,505		
CONSOLIDATED SALES																				
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.69850	\$ 3,715,594	\$ -	\$ 6,088,505	\$ 581,032	\$ 134,472	\$ 827,284	\$ 19,558,103	\$ 30,904,988		
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.69850	\$ 497,588	\$ -	\$ 391,262	\$ 21,816	\$ 5,598	\$ 59,871	\$ 1,416,190	\$ 2,392,323		
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,282,824	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.69850	\$ 1,725,321	\$ -	\$ 2,956,383	\$ 228,788	\$ 58,895	\$ 627,891	\$ 14,852,083	\$ 20,446,151		
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.69850	\$ 26,707	\$ -	\$ 151,335	\$ 7,439	\$ 558	\$ 47,041	\$ 1,345,788	\$ 1,345,788		
CONSOLIDATED C&I INT Class 2	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 21,791	\$ 123,439	\$ -	\$ 17,709	\$ 4,543	\$ 48,602	\$ 1,026,687	\$ 1,242,771		
CONSOLIDATED C&I INT Class 3	99	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.62380	\$ 14,694	\$ 91,165	\$ -	\$ 6,550	\$ 491	\$ 41,417	\$ 874,901	\$ 1,029,217		
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.62380	\$ 4,440	\$ 45,664	\$ -	\$ 11,404	\$ 855	\$ 72,111	\$ 1,523,285	\$ 1,657,758		
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 4,860	\$ 5,300	\$ -	\$ 570	\$ 146	\$ 1,565	\$ 33,064	\$ 45,507		
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 3,780	\$ 10,465	\$ -	\$ 2,167	\$ 556	\$ 5,946	\$ 125,606	\$ 148,519		
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 540	\$ 955	\$ -	\$ 147	\$ 38	\$ 403	\$ 8,511	\$ 10,594		
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 2,160	\$ 8,110	\$ 18,407	\$ 2,588	\$ 664	\$ 7,103	\$ 150,037	\$ 189,069		
NNG TRANSPORT																				
Transport-NNG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 74,633	\$ -	\$ 241,644	\$ 18,700	\$ 4,927	\$ 51,321	\$ -	\$ 391,095		
Transport-NNG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 86,463	\$ -	\$ 522,119	\$ 25,666	\$ 1,324	\$ 162,297	\$ -	\$ 798,468		
Transport-NNG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 25,507	\$ 5,774	\$ 433	\$ 36,510	\$ -	\$ 72,109		
Transport-NNG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ 2,415	\$ -	\$ 36,775	\$ 12,074	\$ 2,415	\$ -	\$ 57,384		
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ -	\$ 329,990	\$ 108,346	\$ 21,669	\$ -	\$ -	\$ 466,125		
Transport-NNG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 47,494	\$ 107,580	\$ -	\$ 15,434	\$ 3,959	\$ 42,358	\$ -	\$ 216,824		
Transport-NNG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 141,872	\$ 1,241,041	\$ -	\$ 89,164	\$ 6,683	\$ 563,814	\$ -	\$ 2,042,573		
Transport-NNG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 27,197	\$ 227,014	\$ -	\$ 56,693	\$ 4,249	\$ 358,488	\$ -	\$ 673,642		
Transport-NNG C&I INT Class 5	48	9,030,592	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 24,480	\$ 40,457	\$ -	\$ 15,804	\$ 3,161	\$ 266,673	\$ -	\$ 350,575		
Transport-NNG C&I INT Class 5 - CIP Exempt	72	251,562,507	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,720	\$ 1,126,955	\$ -	\$ -	\$ 88,043	\$ -	\$ -	\$ 1,251,719		
Transport-NNG Electric Generation INT Class 2	12	1,307,632	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 5,858	\$ -	\$ 2,288	\$ 458	\$ 38,614	\$ -	\$ 53,339		
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ 11,228	\$ -	\$ 4,386	\$ 877	\$ -	\$ -	\$ 22,611		
Transport-NNG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 13,570	\$ 22,694	\$ 13,160	\$ 4,274	\$ 1,096	\$ 11,730	\$ -	\$ 66,524		
Transport-NNG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 65,456	\$ 450,586	\$ 175,300	\$ 40,990	\$ 3,072	\$ 259,195	\$ -	\$ 994,600		
Transport-NNG C&I Firm/Interruptible Class 4	23	1,172,836	3,323,294	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 7,771	\$ 7,771	\$ 20,997	\$ 15,574	\$ 132,771	\$ -	\$ 253,604			
Transport-NNG C&I Firm/Interruptible Class 5	12	4,082,242	182,482	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 18,288	\$ 973	\$ 7,463	\$ 1,493	\$ 125,937	\$ -	\$ 160,274		
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 30,600	\$ 149,361	\$ 134,851	\$ 102,620	\$ 20,524	\$ -	\$ -	\$ 437,956		
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ 15,334	\$ -	\$ 576	\$ 115	\$ 9,715	\$ -	\$ 29,625		
LVI-NNG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	\$ 0.02063	\$ -	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,020	\$ 6,192	\$ 68,694	\$ -	\$ 1,647	\$ 138,960	\$ -	\$ 219,512		
LVI-NNG Flex Transport (Cust "B")																				
LVI-NNG Flex Transport (Cust "C")																				
LVI-NNG Flex Transport (Cust "D")																				
LVI-NNG Flex Transport (Cust "E")																				
LVI-NNG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 8,460	\$ 7,454	\$ 56,784	\$ 6,865	\$ 1,373	\$ 115,839	\$ -	\$ 196,775		
LVI-NNG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00386	\$ 0.02063	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,020	\$ 1,414	\$ 17,815	\$ 2,187	\$ 437	\$ 36,911	\$ -	\$ 62,786		
CONSOLIDATED TRANSPORT																				
Transport-CONSOLIDATED C&I FIRM Class 2	396	0	1,506,042	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 77,271	\$ -	\$ 209,400	\$ 16,205	\$ 4,157	\$ 44,473	\$ -	\$ 351,506		
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	12	0	60,185	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 2,340	\$ -	\$ 8,368	\$ 648	\$ 166	\$ -	\$ -	\$ 11,522		
Transport-CONSOLIDATED C&I FIRM Class 3	165	0	4,619,969	\$315.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 61,498	\$ -	\$ 438,897	\$ 21,575	\$ 1,617	\$ 138,428	\$ -	\$ 660,015		
Transport-CONSOLIDATED C&I FIRM Class 4	12	0	1,440,128	\$335.00	\$ -	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 29,710	\$ 6,725	\$ 504	\$ 42,527	\$ -	\$ 83,352		
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	24	0	47,101,307	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 12,240	\$ -	\$ 251,050	\$ 82,427	\$ 16,485	\$ -	\$ -	\$ 365,203		
Transport-CONSOLIDATED C&I INT Class 2	81	495,330	0	\$195.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276												

MINNESOTA ENERGY RESOURCES CORPORATION
 COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
 ** INCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES **

MERC Customer Class	Proposed Rates					Proposed Revenues					Percentage Increase/(Decrease) of Revenues						
	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total
NNG SALES																	
GS-NNG Residential Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929	\$ 0.91381	\$ 21,578,737	\$ -	\$ 57,704,777	\$ 4,701,504	\$ 146,687,665	\$ 230,672,684	0.00%		65.41%	-0.81%	0.00%	8.81%
GS-NNG Residential Farm-Tap Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929	\$ 0.91381	\$ 141,360	\$ -	\$ 679,208	\$ 55,340	\$ 1,726,521	\$ 2,602,429	0.00%		65.41%	-0.81%	0.00%	9.23%
GS-NNG C&I FIRM Class 1	\$18.00	\$ -	\$ 0.31562	\$ 0.02929	\$ 0.91381	\$ 1,628,874	\$ -	\$ 2,069,725	\$ 192,074	\$ 5,992,444	\$ 9,883,217	0.00%		63.55%	-0.81%	0.00%	7.79%
GS-NNG C&I FIRM Class 2	\$18.00	\$ -	\$ 0.31562	\$ 0.02929	\$ 0.91381	\$ 24,624	\$ -	\$ 48,449	\$ 4,496	\$ 140,273	\$ 217,842	0.00%		63.55%	-0.81%	0.00%	8.31%
GS-NNG C&I FIRM Class 3	\$45.00	\$ -	\$ 0.22280	\$ 0.02929	\$ 0.91381	\$ 5,468,346	\$ -	\$ 16,896,977	\$ 2,221,286	\$ 69,301,255	\$ 93,887,865	0.00%		60.24%	-0.81%	0.00%	5.99%
GS-NNG C&I FIRM Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929	\$ 0.91381	\$ 101,963	\$ -	\$ 1,033,786	\$ 223,350	\$ 6,968,229	\$ 8,327,327	0.00%		42.71%	-0.81%	0.00%	3.34%
GS-NNG C&I Farm-Tap Class 2	\$45.00	\$ -	\$ 0.22280	\$ 0.02929	\$ 0.91381	\$ 113,940	\$ -	\$ 539,020	\$ 70,861	\$ 2,210,779	\$ 2,934,600	0.00%		60.24%	-0.81%	0.00%	6.12%
GS-NNG C&I Farm-Tap Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929	\$ 0.91381	\$ 3,960	\$ -	\$ 101,398	\$ 21,907	\$ 683,471	\$ 810,736	0.00%		42.71%	-0.81%	0.00%	3.37%
NNG C&I INT Class 2	\$45.00	\$ 0.12018	\$ -	\$ 0.02929	\$ 0.80777	\$ 83,322	\$ 836,280	\$ -	\$ 203,816	\$ 5,620,919	\$ 6,744,337	0.00%	60.24%		-0.81%	0.00%	3.35%
NNG C&I INT Class 3	\$165.00	\$ 0.08973	\$ -	\$ 0.02929	\$ 0.80777	\$ 86,633	\$ 963,065	\$ -	\$ 314,367	\$ 8,669,731	\$ 10,033,797	0.00%	38.05%		-0.81%	0.00%	2.13%
NNG Agriculture Grain Dryer - Class 1	\$45.00	\$ 0.16625	\$ -	\$ 0.02929	\$ 0.80777	\$ 41,040	\$ 119,283	\$ -	\$ 21,015	\$ 579,568	\$ 769,907	0.00%	66.25%		-0.81%	0.00%	5.21%
NNG Agriculture Grain Dryer - Class 2	\$45.00	\$ 0.08929	\$ -	\$ 0.02929	\$ 0.80777	\$ 34,560	\$ 262,794	\$ -	\$ 86,205	\$ 2,377,385	\$ 2,760,943	0.00%	71.81%		-0.81%	0.00%	2.58%
NNG Electric Generation - Class 1	\$45.00	\$ 0.11217	\$ -	\$ 0.02929	\$ 0.80777	\$ 4,860	\$ 11,525	\$ -	\$ 3,009	\$ 82,995	\$ 102,389	0.00%	60.24%		-0.81%	0.00%	2.93%
NNG C&I Firm/Interruptible Class 2	\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ 0.80777	\$ 540	\$ 3,313	\$ 12,929	\$ 2,507	\$ 69,143	\$ 88,433	0.00%	60.24%	60.24%	-0.81%	0.00%	5.90%
CONSOLIDATED SALES																	
GS-CONSOLIDATED Residential Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929	\$ 0.69850	\$ 3,715,594	\$ -	\$ 10,071,295	\$ 820,560	\$ 19,558,103	\$ 34,165,552	0.00%		65.41%	-0.81%	0.00%	10.55%
GS-CONSOLIDATED C&I FIRM Class 1	\$18.00	\$ -	\$ 0.31562	\$ 0.02929	\$ 0.69850	\$ 497,598	\$ -	\$ 639,911	\$ 59,385	\$ 1,416,190	\$ 2,613,074	0.00%		63.55%	-0.81%	0.00%	9.23%
GS-CONSOLIDATED C&I FIRM Class 2	\$45.00	\$ -	\$ 0.22280	\$ 0.02929	\$ 0.69850	\$ 1,725,321	\$ -	\$ 4,737,482	\$ 622,788	\$ 14,852,083	\$ 21,837,674	0.00%		60.25%	-0.81%	0.00%	7.28%
GS-CONSOLIDATED C&I FIRM Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929	\$ 0.69850	\$ 26,707	\$ -	\$ 215,963	\$ 46,659	\$ 1,112,706	\$ 1,402,036	0.00%		42.71%	-0.81%	0.00%	4.18%
CONSOLIDATED C&I INT Class 2	\$45.00	\$ 0.12018	\$ -	\$ 0.02929	\$ 0.62380	\$ 21,791	\$ 197,799	\$ -	\$ 48,207	\$ 1,026,687	\$ 1,294,494	0.00%	60.24%		-0.81%	0.00%	4.16%
CONSOLIDATED C&I INT Class 3	\$165.00	\$ 0.08973	\$ -	\$ 0.02929	\$ 0.62380	\$ 14,694	\$ 125,849	\$ -	\$ 41,080	\$ 874,901	\$ 1,056,524	0.00%	38.05%		-0.81%	0.00%	2.65%
CONSOLIDATED C&I INT Class 4	\$185.00	\$ 0.02648	\$ -	\$ 0.02929	\$ 0.62380	\$ 4,440	\$ 64,663	\$ -	\$ 71,525	\$ 1,523,285	\$ 1,663,912	0.00%	41.60%		-0.81%	0.00%	0.37%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$45.00	\$ 0.16625	\$ -	\$ 0.02929	\$ 0.62380	\$ 4,860	\$ 8,812	\$ -	\$ 1,553	\$ 33,064	\$ 48,289	0.00%	66.25%		-0.81%	0.00%	6.11%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$45.00	\$ 0.08929	\$ -	\$ 0.02929	\$ 0.62380	\$ 3,780	\$ 17,979	\$ -	\$ 5,898	\$ 125,606	\$ 153,263	0.00%	71.81%		-0.81%	0.00%	3.19%
CONSOLIDATED Electric Generation - Class 1	\$45.00	\$ 0.11217	\$ -	\$ 0.02929	\$ 0.62380	\$ 540	\$ 1,530	\$ -	\$ 400	\$ 8,511	\$ 10,981	0.00%	60.24%		-0.81%	0.00%	3.66%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ 0.62380	\$ 2,160	\$ 12,995	\$ 29,496	\$ 7,045	\$ 150,037	\$ 201,734	0.00%	60.24%	60.24%	-0.81%	0.00%	6.70%
NNG TRANSPORT																	
Transport-NNG C&I FIRM Class 2	\$195.00	\$ -	\$ 0.22280	\$ 0.02929	\$ -	\$ 74,633	\$ -	\$ 387,214	\$ 50,904	\$ -	\$ 512,751	0.00%		60.24%	-0.81%		31.11%
Transport-NNG C&I FIRM Class 3	\$315.00	\$ -	\$ 0.13557	\$ 0.02929	\$ -	\$ 86,463	\$ -	\$ 745,091	\$ 160,978	\$ -	\$ 992,531	0.00%		42.71%	-0.81%		24.30%
Transport-NNG C&I FIRM Class 4	\$335.00	\$ -	\$ 0.02819	\$ 0.02929	\$ -	\$ 3,885	\$ -	\$ 34,854	\$ 36,214	\$ -	\$ 74,953	0.00%		36.65%	-0.81%		3.94%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -	\$ -	\$ 6,120	\$ -	\$ 55,886	\$ -	\$ -	\$ 62,006	0.00%		51.97%	#DIV/0!		8.06%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -	\$ -	\$ 6,120	\$ -	\$ 501,486	\$ -	\$ -	\$ 507,606	0.00%		51.97%	#DIV/0!		8.90%
Transport-NNG C&I INT Class 2	\$195.00	\$ 0.12018	\$ -	\$ 0.02929	\$ -	\$ 47,494	\$ 172,385	\$ -	\$ 42,013	\$ -	\$ 261,892	0.00%	60.24%		-0.81%		20.79%
Transport-NNG C&I INT Class 3	\$315.00	\$ 0.08973	\$ -	\$ 0.02929	\$ -	\$ 141,872	\$ 1,713,209	\$ -	\$ 559,232	\$ -	\$ 2,414,312	0.00%	38.05%		-0.81%		18.20%
Transport-NNG C&I INT Class 4	\$335.00	\$ 0.02648	\$ -	\$ 0.02929	\$ -	\$ 27,197	\$ 321,462	\$ -	\$ 355,575	\$ -	\$ 704,234	0.00%	41.60%		-0.81%		4.54%
Transport-NNG C&I INT Class 5	\$510.00	\$ 0.00568	\$ -	\$ 0.02929	\$ -	\$ 24,480	\$ 51,294	\$ -	\$ 264,506	\$ -	\$ 340,280	0.00%	26.79%		-0.81%		-2.94%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$510.00	\$ 0.00568	\$ -	\$ -	\$ -	\$ 36,720	\$ 1,428,818	\$ -	\$ -	\$ -	\$ 1,465,538	0.00%	26.79%		#DIV/0!		17.08%
Transport-NNG Electric Generation INT Class 2	\$510.00	\$ 0.00568	\$ -	\$ 0.02929	\$ -	\$ 6,120	\$ 7,427	\$ -	\$ 38,301	\$ -	\$ 51,848	0.00%	26.79%		-0.81%		-2.79%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$510.00	\$ 0.00568	\$ -	\$ -	\$ -	\$ 6,120	\$ 14,236	\$ -	\$ -	\$ -	\$ 20,356	0.00%	26.79%		#DIV/0!		-9.98%
Transport-NNG C&I Firm/Interruptible Class 2	\$195.00	\$ 0.12018	\$ 0.22280	\$ 0.02929	\$ -	\$ 13,570	\$ 36,365	\$ 21,088	\$ 11,635	\$ -	\$ 82,657	0.00%	60.24%	60.24%	-0.81%		24.25%
Transport-NNG C&I Firm/Interruptible Class 3	\$315.00	\$ 0.08973	\$ 0.13557	\$ 0.02929	\$ -	\$ 65,456	\$ 622,017	\$ 250,162	\$ 257,089	\$ -	\$ 1,194,724	0.00%	38.05%	42.71%	-0.81%		20.12%
Transport-NNG C&I Firm/Interruptible Class 4	\$335.00	\$ 0.02648	\$ 0.02819	\$ 0.02929	\$ -	\$ 7,771	\$ 31,057	\$ 93,684	\$ 131,692	\$ -	\$ 264,203	0.00%	41.60%	36.65%	-0.81%		4.18%
Transport-NNG C&I Firm/Interruptible Class 5	\$510.00	\$ 0.00568	\$ 0.00810	\$ 0.02929	\$ -	\$ 6,120	\$ 23,187	\$ 1,478	\$ 124,914	\$ -	\$ 155,699	0.00%	26.79%	51.97%	-0.81%		-2.85%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$510.00	\$ 0.00568	\$ 0.00810	\$ -	\$ -	\$ 30,600	\$ 189,368	\$ 204,934	\$ -	\$ -	\$ 424,901	0.00%	26.79%		51.97%	#DIV/0!	-2.98%
Transport for Resale	\$335.00	\$ 0.05398	\$ -	\$ 0.02929	\$ -	\$ 3,885	\$ 17,757	\$ -	\$ 9,636	\$ -	\$ 31,279	0.00%	15.80%		-0.81%		5.58%
LVJ-NNG Flex Transport (Cust "A")	\$335.00	\$ 0.00571	\$ 0.02819	\$ 0.02929	\$ -	\$ 4,020	\$ 7,850	\$ 93,867	\$ 137,831	\$ -	\$ 243,568	0.00%	26.79%	36.65%	-0.81%		10.96%
LVJ-NNG Flex Transport (Cust "B")																	
LVJ-NNG Flex Transport (Cust "C")																	
LVJ-NNG Flex Transport (Cust "D")																	
LVJ-NNG Flex Transport (Cust "E")																	
LVJ-NNG Flex Transport (Cust "F")	\$335.00	\$ 0.00808	\$ 0.02819	\$ 0.02929	\$ -	\$ 12,060	\$ 9,451	\$ 77,594	\$ 114,897	\$ -	\$ 214,002	42.55%	26.79%	36.65%	-0.81%		8.75%
LVJ-NNG Flex Transport (Cust "G")	\$335.00	\$ 0.00464	\$ 0.02819	\$ 0.02929	\$ -	\$ 4,020	\$ 1,793	\$ 24,344	\$ 36,611	\$ -	\$ 66,768	0.00%	26.79%	36.65%	-0.81%		6.34%
CONSOLIDATED TRANSPORT																	
Transport-CONSOLIDATED C&I FIRM Class 2	\$195.00	\$ -	\$ 0.22280	\$ 0.02929	\$ -	\$ 77,271	\$ -	\$ 335,546	\$ 44,112	\$ -	\$ 456,929	0.00%		60.24%	-0.81%		29.99%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$195.00	\$ -	\$ 0.22280	\$ -	\$ -	\$ 2,340	\$ -	\$ 13,409	\$ -	\$ -	\$ 15,749	0.00%		60.24%	#DIV/0!		36.69%
Transport-CONSOLIDATED C&I FIRM Class 3	\$315.00	\$ -	\$ 0.13557	\$ 0.02929	\$ -	\$ 61,498	\$ -	\$ 636,329	\$ 135,319	\$ -	\$ 833,146	0.00%		42.71%	-0.81%		24.72%
Transport-CONSOLIDATED C&I FIRM Class 4	\$335.00	\$ -	\$ 0.02819	\$ 0.02929	\$ -	\$ 3,885	\$ -	\$ 40,597	\$ 42,181	\$ -	\$ 86,664	0.00%		36.65%	-0.81%		3.97%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -	\$ -	\$ 12,240	\$ -	\$ 381,521	\$ -	\$ -	\$ 393,761	0.00%		51.97%	#DIV/0!		8.71%
Transport-CONSOLIDATED C&I INT Class 2	\$195.00	\$ 0.12018	\$ -	\$ 0.02929	\$ -	\$ 15,831	\$ 59,529	\$ -	\$ 14,508	\$ -	\$ 89,868	0.00%	60.24%		-0.81%		20.95%
Transport-CONSOLIDATED C&I INT Class 3	\$315.00	\$ 0.08973	\$ -	\$ 0.02929	\$ -	\$ 51,147	\$ 387,045	\$ -	\$ 126,341	\$ -	\$ 564,532	0.00%	38.05%		-0.81%		17.48%
Transport-CONSOLIDATED C&I INT Class 4	\$335.00	\$ 0.02648	\$ -	\$ 0.02929	\$ -	\$ 3,885	\$ 39,852	\$ -	\$ 44,081	\$ -	\$ 87,819	0.00%	41.60%		-0.81%		4.51%
Transport-CONSOLIDATED C&I INT Class																	

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
**** INCLUDING GAS COST, INCLUDING GUIC AND NGEPR RIDER SURCHARGE REVENUES ****

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	\$ 211,990,264	\$ 230,672,684	\$ 18,682,419	8.81%
GS-NNG Residential Farm-Tap Sales	\$ 2,382,545	\$ 2,602,429	\$ 219,884	9.23%
GS-NNG C&I FIRM Class 1	\$ 9,169,220	\$ 9,883,217	\$ 713,997	7.79%
GS-NNG C&I Farm-Tap Class 1	\$ 201,129	\$ 217,842	\$ 16,713	8.31%
GS-NNG C&I FIRM Class 2	\$ 88,578,889	\$ 93,887,865	\$ 5,308,976	5.99%
GS-NNG C&I FIRM Class 3	\$ 8,058,072	\$ 8,327,327	\$ 269,255	3.34%
GS-NNG C&I Farm-Tap Class 2	\$ 2,765,249	\$ 2,934,600	\$ 169,351	6.12%
GS-NNG C&I Farm-Tap Class 3	\$ 784,326	\$ 810,736	\$ 26,410	3.37%
NNG C&I INT Class 2	\$ 6,525,699	\$ 6,744,337	\$ 218,638	3.35%
NNG C&I INT Class 3	\$ 9,824,827	\$ 10,033,797	\$ 208,970	2.13%
NNG Agriculture Grain Dryer - Class 1	\$ 723,246	\$ 760,907	\$ 37,661	5.21%
NNG Agriculture Grain Dryer - Class 2	\$ 2,691,603	\$ 2,760,943	\$ 69,341	2.58%
NNG Electric Generation - Class 1	\$ 99,470	\$ 102,389	\$ 2,919	2.93%
NNG C&I Firm/Interruptible Class 2	\$ 83,505	\$ 88,433	\$ 4,928	5.90%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	\$ 30,904,988	\$ 34,165,552	\$ 3,260,563	10.55%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 2,392,323	\$ 2,613,074	\$ 220,751	9.23%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 20,449,151	\$ 21,937,674	\$ 1,488,523	7.28%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 1,345,788	\$ 1,402,036	\$ 56,249	4.18%
CONSOLIDATED C&I INT Class 2	\$ 1,242,771	\$ 1,294,484	\$ 51,713	4.16%
CONSOLIDATED C&I INT Class 3	\$ 1,029,217	\$ 1,056,524	\$ 27,307	2.65%
CONSOLIDATED C&I INT Class 4	\$ 1,657,758	\$ 1,663,912	\$ 6,154	0.37%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 45,507	\$ 48,289	\$ 2,782	6.11%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 148,519	\$ 153,263	\$ 4,744	3.19%
CONSOLIDATED Electric Generation - Class 1	\$ 10,594	\$ 10,981	\$ 388	3.66%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 189,069	\$ 201,734	\$ 12,665	6.70%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	\$ 391,095	\$ 512,751	\$ 121,656	31.11%
Transport-NNG C&I FIRM Class 3	\$ 798,468	\$ 992,531	\$ 194,063	24.30%
Transport-NNG C&I FIRM Class 4	\$ 72,109	\$ 74,953	\$ 2,844	3.94%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 57,384	\$ 62,006	\$ 4,623	8.06%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 466,125	\$ 507,606	\$ 41,481	8.90%
Transport-NNG C&I INT Class 2	\$ 216,824	\$ 261,892	\$ 45,069	20.79%
Transport-NNG C&I INT Class 3	\$ 2,042,573	\$ 2,414,312	\$ 371,739	18.20%
Transport-NNG C&I INT Class 4	\$ 673,642	\$ 704,234	\$ 30,592	4.54%
Transport-NNG C&I INT Class 5	\$ 350,575	\$ 340,280	\$ (10,295)	-2.94%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,251,719	\$ 1,465,538	\$ 213,820	17.08%
Transport-NNG Electric Generation INT Class 2	\$ 53,339	\$ 51,848	\$ (1,491)	-2.79%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 22,611	\$ 20,356	\$ (2,256)	-9.98%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 66,524	\$ 82,657	\$ 16,133	24.25%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 994,600	\$ 1,194,724	\$ 200,124	20.12%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 253,604	\$ 264,203	\$ 10,599	4.18%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 160,274	\$ 155,699	\$ (4,575)	-2.85%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 437,956	\$ 424,901	\$ (13,054)	-2.98%
Transport for Resale	\$ 29,625	\$ 31,279	\$ 1,653	5.58%
LVJ-NNG Flex Transport (Cust "A")	\$ 219,512	\$ 243,568	\$ 24,056	10.96%
LVI-NNG Flex Transport (Cust "B")	\$ -	\$ -	\$ -	-
LVI-NNG Flex Transport (Cust "C")	\$ -	\$ -	\$ -	-
LVI-NNG Flex Transport (Cust "D")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "E")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "F")	\$ 196,775	\$ 214,002	\$ 17,227	8.75%
LVJ-NNG Flex Transport (Cust "G")	\$ 62,786	\$ 66,768	\$ 3,982	6.34%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 351,506	\$ 456,929	\$ 105,423	29.99%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 11,522	\$ 15,749	\$ 4,227	36.69%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 660,015	\$ 823,146	\$ 163,131	24.72%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 83,352	\$ 86,664	\$ 3,312	3.97%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 362,203	\$ 393,761	\$ 31,558	8.71%
Transport-CONSOLIDATED C&I INT Class 2	\$ 74,305	\$ 89,868	\$ 15,563	20.95%
Transport-CONSOLIDATED C&I INT Class 3	\$ 480,550	\$ 564,532	\$ 83,983	17.48%
Transport-CONSOLIDATED C&I INT Class 4	\$ 84,027	\$ 87,819	\$ 3,793	4.51%
Transport-CONSOLIDATED C&I INT Class 5	\$ 177,416	\$ 172,008	\$ (5,408)	-3.05%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 56,597	\$ 67,062	\$ 10,465	18.49%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 89,748	\$ 87,301	\$ (2,447)	-2.73%
Total NNG Sales Customers	\$ 343,878,044	\$ 369,827,506	\$ 25,949,462	7.55%
Total Consolidated Sales Customers	\$ 59,415,685	\$ 64,547,523	\$ 5,131,838	8.64%
TOTAL SALES CUSTOMERS	\$ 403,293,729	\$ 434,375,029	\$ 31,081,301	7.71%
Total NNG Transport Customers	\$ 8,818,119	\$ 10,086,108	\$ 1,267,989	14.38%
Total Consolidated Transport Customers	\$ 2,431,240	\$ 2,844,840	\$ 413,601	17.01%
TOTAL TRANSPORT CUSTOMERS	\$ 11,249,359	\$ 12,930,949	\$ 1,681,590	14.95%
Total NNG Customers	\$ 352,696,162	\$ 379,913,614	\$ 27,217,452	7.72%
Total Consolidated Customers	\$ 61,846,925	\$ 67,392,364	\$ 5,545,439	8.97%
TOTAL	\$ 414,543,087	\$ 447,305,978	\$ 32,762,890	7.90%

MINNESOTA ENERGY RESOURCES CORPORATION
 COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
 ** EXCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES **

MERC Customer Class	Units			Current Rates								Current Revenues								Total
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	GUIC	NGEP	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	GUIC	NGEP	CCRC	Cost of Gas			
NNG SALES																				
GS-NNG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ -	\$ 21,578,737	\$ -	\$ 34,884,870	\$ 3,328,600	\$ 770,364	\$ 4,740,028	\$ -	\$ 65,302,599		
GS-NNG Residential Firm-Tap Sales	14,880	0	1,889,366	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ -	\$ 141,360	\$ -	\$ 410,616	\$ 39,185	\$ 9,069	\$ 55,793	\$ -	\$ 656,203		
GS-NNG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 1,629,974	\$ -	\$ 1,265,495	\$ 70,560	\$ 18,099	\$ 193,647	\$ -	\$ 3,176,776		
GS-NNG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 5,468,346	\$ -	\$ 10,544,475	\$ 816,014	\$ 209,312	\$ 2,239,487	\$ -	\$ 19,277,634		
GS-NNG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 101,963	\$ -	\$ 724,419	\$ 35,611	\$ 2,669	\$ 225,180	\$ -	\$ 1,089,842		
GS-NNG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 113,940	\$ -	\$ 336,379	\$ 26,032	\$ 6,677	\$ 71,442	\$ -	\$ 554,470		
GS-NNG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,960	\$ -	\$ 71,054	\$ 3,493	\$ 262	\$ 22,087	\$ -	\$ 100,855		
NNG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 83,322	\$ 521,892	\$ -	\$ 74,874	\$ 19,206	\$ 205,486	\$ -	\$ 904,780		
NNG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 86,633	\$ 697,640	\$ -	\$ 50,123	\$ 3,757	\$ 316,943	\$ -	\$ 1,155,996		
NNG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 41,040	\$ 71,749	\$ -	\$ 7,720	\$ 1,990	\$ 21,198	\$ -	\$ 143,677		
NNG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 34,560	\$ 152,955	\$ -	\$ 31,668	\$ 8,123	\$ 86,911	\$ -	\$ 314,218		
NNG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 4,860	\$ 7,192	\$ -	\$ 1,106	\$ 284	\$ 3,034	\$ -	\$ 16,475		
NNG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 540	\$ 2,067	\$ 8,069	\$ 921	\$ 236	\$ 2,528	\$ -	\$ 14,361		
CONSOLIDATED SALES																				
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ -	\$ 3,715,594	\$ -	\$ 6,088,505	\$ 581,032	\$ 134,472	\$ 827,284	\$ -	\$ 11,346,885		
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 497,588	\$ -	\$ 391,262	\$ 21,816	\$ 5,598	\$ 59,871	\$ -	\$ 976,133		
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,282,824	\$45.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 1,725,321	\$ -	\$ 2,956,383	\$ 228,788	\$ 58,885	\$ 627,891	\$ -	\$ 5,597,068		
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 26,707	\$ -	\$ 151,335	\$ 7,439	\$ 558	\$ 47,041	\$ -	\$ 233,079		
CONSOLIDATED C&I INT Class 2	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 21,791	\$ 123,439	\$ -	\$ 17,709	\$ 4,543	\$ 48,602	\$ -	\$ 216,084		
CONSOLIDATED C&I INT Class 3	99	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 14,694	\$ 91,165	\$ -	\$ 6,550	\$ 491	\$ 414,417	\$ -	\$ 154,316		
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,440	\$ 45,664	\$ -	\$ 11,404	\$ 855	\$ 72,111	\$ -	\$ 134,474		
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 4,860	\$ 5,300	\$ -	\$ 570	\$ 146	\$ 1,565	\$ -	\$ 12,442		
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 3,780	\$ 10,465	\$ -	\$ 2,167	\$ 556	\$ 5,946	\$ -	\$ 22,913		
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 540	\$ 955	\$ -	\$ 147	\$ 38	\$ 403	\$ -	\$ 2,082		
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 2,160	\$ 8,110	\$ 18,407	\$ 2,588	\$ 664	\$ 7,103	\$ -	\$ 39,032		
NNG TRANSPORT																				
Transport-NNG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 74,633	\$ -	\$ 241,644	\$ 18,700	\$ 4,979	\$ 51,321	\$ -	\$ 391,095		
Transport-NNG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 86,463	\$ -	\$ 522,119	\$ 25,666	\$ 1,924	\$ 162,297	\$ -	\$ 798,468		
Transport-NNG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 25,507	\$ 5,774	\$ 433	\$ 36,510	\$ -	\$ 72,109		
Transport-NNG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ 6,120	\$ -	\$ 36,775	\$ 12,074	\$ 2,415	\$ -	\$ 57,384	\$ -	\$ 57,384		
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ 6,120	\$ -	\$ 329,990	\$ 108,346	\$ 21,669	\$ -	\$ 466,125	\$ -	\$ 466,125		
Transport-NNG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 47,494	\$ 107,580	\$ -	\$ 15,434	\$ 3,959	\$ 42,358	\$ -	\$ 216,824		
Transport-NNG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 141,872	\$ 1,241,041	\$ -	\$ 89,164	\$ 6,683	\$ 563,814	\$ -	\$ 2,042,573		
Transport-NNG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 27,197	\$ 227,014	\$ -	\$ 56,693	\$ 4,249	\$ 673,642	\$ -	\$ 955,575		
Transport-NNG C&I INT Class 5	48	9,030,592	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 24,480	\$ 40,457	\$ -	\$ 15,804	\$ 3,161	\$ 266,673	\$ -	\$ 350,575		
Transport-NNG C&I INT Class 5 - CIP Exempt	72	251,552,507	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,043	\$ -	\$ -	\$ 1,251,719		
Transport-NNG Electric Generation INT Class 2	12	1,307,632	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 5,858	\$ -	\$ 2,288	\$ 458	\$ 38,614	\$ -	\$ 53,339		
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ -	\$ 6,120	\$ 11,228	\$ -	\$ 4,386	\$ 877	\$ -	\$ 22,611	\$ -	\$ 22,611		
Transport-NNG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 13,570	\$ 22,694	\$ 13,160	\$ 4,274	\$ 1,096	\$ 11,730	\$ -	\$ 66,524		
Transport-NNG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 65,456	\$ 450,586	\$ 175,300	\$ 40,990	\$ 3,072	\$ 259,195	\$ -	\$ 994,600		
Transport-NNG C&I Firm/Interruptible Class 4	23	1,172,836	3,323,294	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 7,771	\$ 21,932	\$ 68,560	\$ 20,997	\$ 1,574	\$ 132,771	\$ -	\$ 253,604		
Transport-NNG C&I Firm/Interruptible Class 5	12	4,082,242	182,482	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 18,288	\$ 973	\$ 7,463	\$ 1,493	\$ 125,937	\$ -	\$ 160,274		
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ 30,600	\$ 149,361	\$ 134,851	\$ 102,620	\$ 20,524	\$ -	\$ -	\$ -	\$ 437,956		
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ 15,334	\$ -	\$ 576	\$ 115	\$ 9,715	\$ -	\$ 29,625		
LVI-NNG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	\$ 0.02063	\$ -	\$ -	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,020	\$ 6,192	\$ 68,694	\$ 1,647	\$ 138,960	\$ -	\$ 219,512		
LVI-NNG Flex Transport (Cust "B")																				
LVI-NNG Flex Transport (Cust "C")																				
LVI-NNG Flex Transport (Cust "D")																				
LVI-NNG Flex Transport (Cust "E")																				
LVI-NNG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 8,460	\$ 7,454	\$ 56,784	\$ 6,865	\$ 1,373	\$ 115,839	\$ -	\$ 196,775		
LVI-NNG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,020	\$ 1,414	\$ 17,815	\$ 2,187	\$ 437	\$ 36,911	\$ -	\$ 62,786		
CONSOLIDATED TRANSPORT																				
Transport-CONSOLIDATED C&I FIRM Class 2	396	0	1,506,042	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 77,271	\$ -	\$ 209,400	\$ 16,205	\$ 4,157	\$ 44,473	\$ -	\$ 351,506		
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	12	0	60,185	\$195.00	\$ -	\$ 0.13904	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 2,340	\$ -	\$ 8,368	\$ 648	\$ 166	\$ -	\$ -	\$ 11,522		
Transport-CONSOLIDATED C&I FIRM Class 3	105	0	4,619,969	\$315.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.000												

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
**** EXCLUDING GAS COST, INCLUDING GUIC AND NGEPR RIDER SURCHARGE REVENUES ****

MERC Customer Class	Proposed Rates					Proposed Revenues						Percentage Increase/(Decrease) of Revenues						
	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total	
																		Fixed Monthly
NNG SALES																		
GS-NNG Residential Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929		\$ 21,578,737	\$ -	\$ 57,704,777	\$ 4,701,504	\$ -	\$ -	\$ 83,985,018	0.00%	65.41%	-0.81%	#DIV/0!	28.61%	
GS-NNG Residential Firm-Tap Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929		\$ 141,360	\$ -	\$ 679,208	\$ 55,340	\$ -	\$ -	\$ 875,908	0.00%	65.41%	-0.81%	#DIV/0!	33.52%	
GS-NNG C&I FIRM Class 1	\$18.00	\$ -	\$ 0.31562	\$ 0.02929		\$ 1,628,874	\$ -	\$ 2,069,725	\$ 192,074	\$ -	\$ -	\$ 3,890,773	0.00%	63.55%	-0.81%	#DIV/0!	22.48%	
GS-NNG C&I Firm-Tap Class 1	\$18.00	\$ -	\$ 0.31562	\$ 0.02929		\$ 24,624	\$ -	\$ 48,449	\$ 4,496	\$ -	\$ -	\$ 77,569	0.00%	63.55%	-0.81%	#DIV/0!	27.46%	
GS-NNG C&I FIRM Class 2	\$45.00	\$ -	\$ 0.22280	\$ 0.02929		\$ 5,468,346	\$ -	\$ 16,896,977	\$ 2,221,286	\$ -	\$ -	\$ 24,586,610	0.00%	60.24%	-0.81%	#DIV/0!	27.54%	
GS-NNG C&I FIRM Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929		\$ 101,963	\$ -	\$ 1,033,785	\$ 223,350	\$ -	\$ -	\$ 1,359,098	0.00%	42.71%	-0.81%	#DIV/0!	24.71%	
GS-NNG C&I Firm-Tap Class 2	\$45.00	\$ -	\$ 0.22280	\$ 0.02929		\$ 113,940	\$ -	\$ 539,020	\$ 70,861	\$ -	\$ -	\$ 723,821	0.00%	60.24%	-0.81%	#DIV/0!	30.54%	
GS-NNG C&I Firm-Tap Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929		\$ 3,960	\$ -	\$ 101,398	\$ 21,907	\$ -	\$ -	\$ 127,265	0.00%	42.71%	-0.81%	#DIV/0!	26.19%	
NNG C&I INT Class 2	\$45.00	\$ 0.12018	\$ -	\$ 0.02929		\$ 83,322	\$ 836,280	\$ -	\$ 203,816	\$ -	\$ -	\$ 1,123,418	0.00%	60.24%	-0.81%	#DIV/0!	24.16%	
NNG C&I INT Class 3	\$165.00	\$ 0.08973	\$ -	\$ 0.02929		\$ 86,633	\$ 963,065	\$ -	\$ 314,367	\$ -	\$ -	\$ 1,364,066	0.00%	38.05%	-0.81%	#DIV/0!	18.09%	
NNG Agriculture Grain Dryer - Class 1	\$45.00	\$ 0.16625	\$ -	\$ 0.02929		\$ 41,940	\$ 119,263	\$ -	\$ 21,015	\$ -	\$ -	\$ 181,338	0.00%	66.25%	-0.81%	#DIV/0!	26.21%	
NNG Agriculture Grain Dryer - Class 2	\$45.00	\$ 0.08929	\$ -	\$ 0.02929		\$ 34,560	\$ 262,794	\$ -	\$ 86,205	\$ -	\$ -	\$ 383,558	0.00%	71.81%	-0.81%	#DIV/0!	22.07%	
NNG Electric Generation - Class 1	\$45.00	\$ 0.11217	\$ -	\$ 0.02929		\$ 4,860	\$ 11,525	\$ -	\$ 3,009	\$ -	\$ -	\$ 19,394	0.00%	60.24%	-0.81%	#DIV/0!	17.72%	
NNG C&I Firm/Interruptible Class 2	\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929		\$ 540	\$ 3,313	\$ 12,929	\$ 2,507	\$ -	\$ -	\$ 19,290	0.00%	60.24%	60.24%	-0.81%	#DIV/0!	34.32%
CONSOLIDATED SALES																		
GS-CONSOLIDATED Residential Sales	\$9.50	\$ -	\$ 0.35949	\$ 0.02929		\$ 3,715,594	\$ -	\$ 10,071,295	\$ 820,560	\$ -	\$ -	\$ 14,607,449	0.00%	65.41%	-0.81%	#DIV/0!	28.74%	
GS-CONSOLIDATED C&I FIRM Class 1	\$18.00	\$ -	\$ 0.31562	\$ 0.02929		\$ 497,598	\$ -	\$ 639,911	\$ 59,385	\$ -	\$ -	\$ 1,196,884	0.00%	63.55%	-0.81%	#DIV/0!	22.61%	
GS-CONSOLIDATED C&I FIRM Class 2	\$45.00	\$ -	\$ 0.22280	\$ 0.02929		\$ 1,725,321	\$ -	\$ 4,737,482	\$ 622,788	\$ -	\$ -	\$ 7,085,591	0.00%	60.25%	-0.81%	#DIV/0!	26.59%	
GS-CONSOLIDATED C&I FIRM Class 3	\$165.00	\$ -	\$ 0.13557	\$ 0.02929		\$ 26,707	\$ -	\$ 215,963	\$ 46,659	\$ -	\$ -	\$ 289,328	0.00%	42.71%	-0.81%	#DIV/0!	24.13%	
CONSOLIDATED C&I INT Class 2	\$45.00	\$ 0.12018	\$ -	\$ 0.02929		\$ 21,791	\$ 197,799	\$ -	\$ 48,207	\$ -	\$ -	\$ 267,797	0.00%	60.24%	-0.81%	#DIV/0!	23.93%	
CONSOLIDATED C&I INT Class 3	\$165.00	\$ 0.08973	\$ -	\$ 0.02929		\$ 14,694	\$ 125,849	\$ -	\$ 41,080	\$ -	\$ -	\$ 181,624	0.00%	38.05%	-0.81%	#DIV/0!	17.70%	
CONSOLIDATED C&I INT Class 4	\$185.00	\$ 0.02648	\$ -	\$ 0.02929		\$ 4,440	\$ 64,663	\$ -	\$ 71,525	\$ -	\$ -	\$ 140,627	0.00%	41.60%	-0.81%	#DIV/0!	4.58%	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$45.00	\$ 0.16625	\$ -	\$ 0.02929		\$ 4,860	\$ 8,612	\$ -	\$ 1,553	\$ -	\$ -	\$ 15,225	0.00%	66.25%	-0.81%	#DIV/0!	22.36%	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$45.00	\$ 0.08929	\$ -	\$ 0.02929		\$ 3,780	\$ 17,979	\$ -	\$ 5,986	\$ -	\$ -	\$ 27,657	0.00%	71.81%	-0.81%	#DIV/0!	20.70%	
CONSOLIDATED Electric Generation - Class 1	\$45.00	\$ 0.11217	\$ -	\$ 0.02929		\$ 540	\$ 1,530	\$ -	\$ 400	\$ -	\$ -	\$ 2,470	0.00%	60.24%	-0.81%	#DIV/0!	18.61%	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$45.00	\$ 0.12018	\$ 0.22280	\$ 0.02929		\$ 2,160	\$ 12,995	\$ 29,496	\$ 7,045	\$ -	\$ -	\$ 51,696	0.00%	60.24%	60.24%	-0.81%	#DIV/0!	32.45%
NNG TRANSPORT																		
Transport-NNG C&I FIRM Class 2	\$195.00	\$ -	\$ 0.22280	\$ 0.02929		\$ 74,633	\$ -	\$ 387,214	\$ 50,904	\$ -	\$ -	\$ 512,751	0.00%	60.24%	-0.81%	#DIV/0!	31.11%	
Transport-NNG C&I FIRM Class 3	\$315.00	\$ -	\$ 0.13557	\$ 0.02929		\$ 86,463	\$ -	\$ 745,091	\$ 160,978	\$ -	\$ -	\$ 992,531	0.00%	42.71%	-0.81%	#DIV/0!	24.30%	
Transport-NNG C&I FIRM Class 4	\$335.00	\$ -	\$ 0.02819	\$ 0.02929		\$ 3,885	\$ -	\$ 34,854	\$ 36,214	\$ -	\$ -	\$ 74,953	0.00%	36.65%	-0.81%	#DIV/0!	3.94%	
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -		\$ 6,120	\$ -	\$ 55,886	\$ -	\$ -	\$ -	\$ 62,006	0.00%	51.97%	#DIV/0!	8.06%		
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -		\$ 6,120	\$ -	\$ 501,486	\$ -	\$ -	\$ -	\$ 507,606	0.00%	51.97%	#DIV/0!	8.90%		
Transport-NNG C&I INT Class 2	\$195.00	\$ 0.12018	\$ -	\$ 0.02929		\$ 47,494	\$ 172,385	\$ -	\$ 42,013	\$ -	\$ -	\$ 261,892	0.00%	60.24%	-0.81%	#DIV/0!	20.79%	
Transport-NNG C&I INT Class 3	\$315.00	\$ -	\$ 0.08973	\$ -	\$ 0.02929	\$ 141,872	\$ 1,713,209	\$ -	\$ 559,232	\$ -	\$ -	\$ 2,414,312	0.00%	38.05%	-0.81%	#DIV/0!	18.20%	
Transport-NNG C&I INT Class 4	\$335.00	\$ 0.02648	\$ -	\$ 0.02929		\$ 27,197	\$ 321,462	\$ -	\$ 355,575	\$ -	\$ -	\$ 704,234	0.00%	41.60%	-0.81%	#DIV/0!	4.54%	
Transport-NNG C&I INT Class 5	\$510.00	\$ 0.00568	\$ -	\$ 0.02929		\$ 24,480	\$ 51,294	\$ -	\$ 264,506	\$ -	\$ -	\$ 340,280	0.00%	26.79%	-0.81%	#DIV/0!	-2.94%	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$510.00	\$ 0.00568	\$ -	\$ -		\$ 36,720	\$ 1,428,818	\$ -	\$ -	\$ -	\$ -	\$ 1,465,538	0.00%	26.79%	#DIV/0!	17.08%		
Transport-NNG Electric Generation INT Class 2	\$510.00	\$ 0.00568	\$ -	\$ 0.02929		\$ 6,120	\$ 7,427	\$ -	\$ 38,301	\$ -	\$ -	\$ 51,848	0.00%	26.79%	-0.81%	#DIV/0!	-2.79%	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$510.00	\$ 0.00568	\$ -	\$ -		\$ 6,120	\$ 14,236	\$ -	\$ -	\$ -	\$ -	\$ 20,356	0.00%	26.79%	#DIV/0!	-9.98%		
Transport-NNG C&I Firm/Interruptible Class 2	\$195.00	\$ 0.12018	\$ 0.22280	\$ 0.02929		\$ 13,570	\$ 36,365	\$ 21,088	\$ 11,635	\$ -	\$ -	\$ 82,657	0.00%	60.24%	60.24%	-0.81%	#DIV/0!	24.25%
Transport-NNG C&I Firm/Interruptible Class 3	\$315.00	\$ 0.08973	\$ 0.13557	\$ 0.02929		\$ 65,456	\$ 622,017	\$ 250,162	\$ 257,089	\$ -	\$ -	\$ 1,194,724	0.00%	38.05%	42.71%	-0.81%	#DIV/0!	20.12%
Transport-NNG C&I Firm/Interruptible Class 4	\$335.00	\$ 0.02648	\$ 0.02819	\$ 0.02929		\$ 7,771	\$ 31,057	\$ 93,684	\$ 131,692	\$ -	\$ -	\$ 264,203	0.00%	41.60%	36.65%	-0.81%	#DIV/0!	4.18%
Transport-NNG C&I Firm/Interruptible Class 5	\$510.00	\$ 0.00568	\$ 0.00810	\$ 0.02929		\$ 6,120	\$ 23,187	\$ 1,478	\$ 124,914	\$ -	\$ -	\$ 155,699	0.00%	26.79%	51.97%	-0.81%	#DIV/0!	-2.85%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$510.00	\$ 0.00568	\$ 0.00810	\$ -		\$ 30,600	\$ 189,368	\$ 204,934	\$ -	\$ -	\$ -	\$ 424,901	0.00%	26.79%	51.97%	#DIV/0!	-2.98%	
Transport for Resale	\$335.00	\$ 0.05398	\$ -	\$ 0.02929		\$ 3,885	\$ 17,757	\$ -	\$ 9,636	\$ -	\$ -	\$ 31,279	0.00%	15.80%	-0.81%	#DIV/0!	5.58%	
LVI-NNG Flex Transport (Cust "A")	\$335.00	\$ 0.00571	\$ 0.02819	\$ 0.02929		\$ 4,020	\$ 7,850	\$ 93,867	\$ 137,831	\$ -	\$ -	\$ 243,568	0.00%	26.79%	36.65%	-0.81%	#DIV/0!	10.96%
LVI-NNG Flex Transport (Cust "B")																		
LVI-NNG Flex Transport (Cust "C")																		
LVI-NNG Flex Transport (Cust "D")																		
LVI-NNG Flex Transport (Cust "E")																		
LVI-NNG Flex Transport (Cust "F")	\$335.00	\$ 0.00808	\$ 0.02819	\$ 0.02929		\$ 12,060	\$ 9,451	\$ 77,594	\$ 114,897	\$ -	\$ -	\$ 214,002	42.55%	26.79%	36.65%	-0.81%	#DIV/0!	8.75%
LVI-NNG Flex Transport (Cust "G")	\$335.00	\$ 0.00464	\$ 0.02819	\$ 0.02929		\$ 4,020	\$ 1,793	\$ 24,344	\$ 36,611	\$ -	\$ -	\$ 66,768	0.00%	26.79%	36.65%	-0.81%	#DIV/0!	6.34%
CONSOLIDATED TRANSPORT																		
Transport-CONSOLIDATED C&I FIRM Class 2	\$195.00	\$ -	\$ 0.22280	\$ 0.02929		\$ 77,271	\$ -	\$ 335,546	\$ 44,112	\$ -	\$ -	\$ 456,929	0.00%	60.24%	-0.81%	#DIV/0!	29.99%	
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$195.00	\$ -	\$ 0.22280	\$ -		\$ 2,340	\$ -	\$ 13,409	\$ -	\$ -	\$ -	\$ 15,749	0.00%	60.24%	#DIV/0!	#DIV/0!	36.69%	
Transport-CONSOLIDATED C&I FIRM Class 3	\$315.00	\$ -	\$ 0.13557	\$ 0.02929		\$ 61,498	\$ -	\$ 636,329	\$ 135,319	\$ -	\$ -	\$ 833,146	0.00%	42.71%	-0.81%	#DIV/0!	24.72%	
Transport-CONSOLIDATED C&I FIRM Class 4	\$335.00	\$ -	\$ 0.02819	\$ 0.02929		\$ 3,885	\$ -	\$ 40,597	\$ 42,181	\$ -	\$ -	\$ 86,664	0.00%	36.65%	-0.81%	#DIV/0!	3.97%	
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$510.00	\$ -	\$ 0.00810	\$ -		\$ 12,240	\$ -	\$ 381,521	\$ -	\$ -	\$ -	\$ 393,761	0.00%	51.97%	#DIV/0!	8.71%		
Transport-CONSOLIDATED C&I INT Class 2	\$195.00	\$ 0.12018	\$ -	\$ 0.02929		\$ 15,831	\$ 59,529	\$ -	\$ 14,508	\$ -	\$ -	\$ 89,868	0.00%	60.24%	-0.81%	#DIV/0!	20.95%	
Transport-CONSOLIDATED C&I INT Class 3	\$315.00	\$ 0.08973	\$ -	\$ 0.02929		\$ 51,147	\$ 387,045	\$ -	\$ 126,341	\$ -	\$ -	\$ 564,532	0.00%	38.05%	-0.81%	#DIV/0!	17.48%	
Transport-CONSOLIDATED C&I INT Class 4	\$335.00	\$ 0.02																

**MINNESOTA ENERGY RESOURCES CORPORATION
 COMPARISON OF REVENUE FROM CURRENT AND PROPOSED RATES
 ** EXCLUDING GAS COST, INCLUDING GUIC AND NGEN RIDER SURCHARGE REVENUES ****

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)	% Revenue Apportionment
NNG SALES					
GS-NNG Residential Sales	\$ 65,302,599	\$ 83,985,018	\$ 18,682,419	28.61%	54.00%
GS-NNG Residential Farm-Tap Sales	\$ 656,023	\$ 875,908	\$ 219,884	33.52%	0.56%
GS-NNG C&I FIRM Class 1	\$ 3,176,776	\$ 3,890,773	\$ 713,997	22.48%	2.50%
GS-NNG C&I Farm-Tap Class 1	\$ 60,855	\$ 77,569	\$ 16,713	27.46%	0.05%
GS-NNG C&I FIRM Class 2	\$ 19,277,634	\$ 24,586,610	\$ 5,308,976	27.54%	15.81%
GS-NNG C&I FIRM Class 3	\$ 1,089,842	\$ 1,359,098	\$ 269,255	24.71%	0.87%
GS-NNG C&I Farm-Tap Class 2	\$ 554,470	\$ 723,821	\$ 169,351	30.54%	0.47%
GS-NNG C&I Farm-Tap Class 3	\$ 100,855	\$ 127,265	\$ 26,410	26.19%	0.08%
NNG C&I INT Class 2	\$ 904,780	\$ 1,123,418	\$ 218,638	24.16%	0.72%
NNG C&I INT Class 3	\$ 1,155,096	\$ 1,364,066	\$ 208,970	18.09%	0.88%
NNG Agriculture Grain Dryer - Class 1	\$ 143,677	\$ 181,338	\$ 37,661	26.21%	0.12%
NNG Agriculture Grain Dryer - Class 2	\$ 314,218	\$ 383,558	\$ 69,341	22.07%	0.25%
NNG Electric Generation - Class 1	\$ 16,475	\$ 19,394	\$ 2,919	17.72%	0.01%
NNG C&I Firm/Interruptible Class 2	\$ 14,361	\$ 19,290	\$ 4,928	34.32%	0.01%
CONSOLIDATED SALES					
GS-CONSOLIDATED Residential Sales	\$ 11,346,885	\$ 14,607,449	\$ 3,260,563	28.74%	9.39%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 976,133	\$ 1,196,884	\$ 220,751	22.61%	0.77%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 5,597,068	\$ 7,085,591	\$ 1,488,523	26.59%	4.56%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 233,079	\$ 289,328	\$ 56,249	24.13%	0.19%
CONSOLIDATED C&I INT Class 2	\$ 216,084	\$ 267,797	\$ 51,713	23.93%	0.17%
CONSOLIDATED C&I INT Class 3	\$ 154,316	\$ 181,624	\$ 27,307	17.70%	0.12%
CONSOLIDATED C&I INT Class 4	\$ 134,474	\$ 140,627	\$ 6,154	4.58%	0.09%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 12,442	\$ 15,225	\$ 2,782	22.36%	0.01%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 22,913	\$ 27,657	\$ 4,744	20.70%	0.02%
CONSOLIDATED Electric Generation - Class 1	\$ 2,082	\$ 2,470	\$ 388	18.61%	0.00%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 39,032	\$ 51,696	\$ 12,665	32.45%	0.03%
NNG TRANSPORT					
Transport-NNG C&I FIRM Class 2	\$ 391,095	\$ 512,751	\$ 121,656	31.11%	0.33%
Transport-NNG C&I FIRM Class 3	\$ 798,468	\$ 992,531	\$ 194,063	24.30%	0.64%
Transport-NNG C&I FIRM Class 4	\$ 72,109	\$ 74,953	\$ 2,844	3.94%	0.05%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 57,384	\$ 62,006	\$ 4,623	8.06%	0.04%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 466,125	\$ 507,606	\$ 41,481	8.90%	0.33%
Transport-NNG C&I INT Class 2	\$ 216,824	\$ 261,892	\$ 45,069	20.79%	0.17%
Transport-NNG C&I INT Class 3	\$ 2,042,573	\$ 2,414,312	\$ 371,739	18.20%	1.55%
Transport-NNG C&I INT Class 4	\$ 673,642	\$ 704,234	\$ 30,592	4.54%	0.45%
Transport-NNG C&I INT Class 5	\$ 350,575	\$ 340,280	\$ (10,295)	-2.94%	0.22%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,251,719	\$ 1,465,538	\$ 213,820	17.08%	0.94%
Transport-NNG Electric Generation INT Class 2	\$ 53,339	\$ 51,848	\$ (1,491)	-2.79%	0.03%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 22,611	\$ 20,356	\$ (2,256)	-9.98%	0.01%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 66,524	\$ 82,657	\$ 16,133	24.25%	0.05%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 994,600	\$ 1,194,724	\$ 200,124	20.12%	0.77%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 253,604	\$ 264,203	\$ 10,599	4.18%	0.17%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 160,274	\$ 155,699	\$ (4,575)	-2.85%	0.10%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 437,956	\$ 424,901	\$ (13,054)	-2.98%	0.27%
Transport for Resale	\$ 29,625	\$ 31,279	\$ 1,653	5.58%	0.02%
LVJ-NNG Flex Transport (Cust "A")	\$ 219,512	\$ 243,568	\$ 24,055	10.96%	0.16%
LVJ-NNG Flex Transport (Cust "B")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "C")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "D")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "E")	\$ -	\$ -	\$ -	-	-
LVJ-NNG Flex Transport (Cust "F")	\$ 196,775	\$ 214,002	\$ 17,227	8.75%	0.14%
LVJ-NNG Flex Transport (Cust "G")	\$ 62,786	\$ 66,768	\$ 3,982	6.34%	0.04%
CONSOLIDATED TRANSPORT					
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 351,506	\$ 456,929	\$ 105,423	29.99%	0.29%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 11,522	\$ 15,749	\$ 4,227	36.69%	0.01%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 660,015	\$ 823,146	\$ 163,131	24.72%	0.53%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 83,352	\$ 86,664	\$ 3,312	3.97%	0.06%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 362,203	\$ 393,761	\$ 31,558	8.71%	0.25%
Transport-CONSOLIDATED C&I INT Class 2	\$ 74,305	\$ 89,868	\$ 15,563	20.95%	0.06%
Transport-CONSOLIDATED C&I INT Class 3	\$ 480,550	\$ 564,532	\$ 83,983	17.48%	0.36%
Transport-CONSOLIDATED C&I INT Class 4	\$ 84,027	\$ 87,819	\$ 3,793	4.51%	0.06%
Transport-CONSOLIDATED C&I INT Class 5	\$ 177,416	\$ 172,008	\$ (5,408)	-3.05%	0.11%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 56,597	\$ 67,062	\$ 10,465	18.49%	0.04%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 89,748	\$ 87,301	\$ (2,447)	-2.73%	0.06%
Total NNG Sales Customers	\$ 92,767,663	\$ 118,717,125	\$ 25,949,462	27.97%	
Total Consolidated Sales Customers	\$ 18,734,510	\$ 23,866,348	\$ 5,131,838	27.39%	
TOTAL SALES CUSTOMERS	\$ 111,502,172	\$ 142,583,473	\$ 31,081,301	27.88%	
Total NNG Transport Customers	\$ 8,818,119	\$ 10,086,108	\$ 1,267,989	14.38%	
Total Consolidated Transport Customers	\$ 2,431,240	\$ 2,844,840	\$ 413,601	17.01%	
TOTAL TRANSPORT CUSTOMERS	\$ 11,249,359	\$ 12,930,949	\$ 1,681,590	14.95%	
Total NNG Customers	\$ 101,585,782	\$ 128,803,233	\$ 27,217,452	26.79%	
Total Consolidated Customers	\$ 21,165,749	\$ 26,711,188	\$ 5,545,439	26.20%	
TOTAL	\$ 122,751,531	\$ 155,514,422	\$ 32,762,890	26.69%	

Minnesota Energy Resources Corporation
Lead/Lag Study Summary

<u>Lead Time for Revenues Collected</u>	<u>Days</u>
Service to Meter Reading lead time	15.21
Meter Reading to Billing lead time	2.44
Billing to Collection lead time	29.72
Total Lead Time	47.36
<u>Lag Time for Expenses Paid</u>	<u>Days</u>
Purchased Gas Expense	40.20
Payroll Expense	13.02
Payroll Tax Expense	14.02
Incentive Plan Expense	237.50
Expenses Paid back to Affiliates including Interest Payments	30.21
Other Operations & Maintenance Expense	30.00

Minnesota Energy Resources Corporation
Calculation of Meter Reading to Billing Lead Time

	Revenues	Percentage of Total	Processing Days	Weighted Average
Transport	11,506	4.37%	5.4	0.24
Non-Transport	251,773	95.63%	2.3	2.20
Total	<u>263,279</u>	<u>100.00%</u>		<u>2.44</u>

Minnesota Energy Resources Corporation
Calculation of Billing to Collection Lead Time

	Amount
2021 Sum of Daily Accounts Recievable	7,824,368
2021 Tariff Revenues	263,279
Accounts Receivable / Revenues	<hr/> 29.72

Minnesota Energy Resources Corporation Calculation of Taxes Available as Working Capital

Percentage of State Income Tax Available as Working Capital

<u>Line</u>	<u>Month</u> (a)	----- Current Year's Tax -----		
		<u>Cumulative Collections</u> (b)	<u>Cumulative Payments</u> (c)	<u>Net Accrual Available</u> (d=(b-c))
1	January	12.80%		12.80%
2	February	26.74%		26.74%
3	March	34.74%	25.00%	9.74%
4	April	41.53%	25.00%	16.53%
5	May	46.30%	25.00%	21.30%
6	June	48.98%	50.00%	-1.02%
7	July	52.00%	50.00%	2.00%
8	August	55.11%	50.00%	5.11%
9	September	58.96%	75.00%	-16.04%
10	October	66.29%	75.00%	-8.71%
11	November	79.23%	75.00%	4.23%
12	December	100.00%	100.00%	0.00%
13	12 Month Average			6.06%
14	Less: Revenue Lead Days			12.98%
15	Net			-6.92%

Percentage of Federal Income Tax Available as Working Capital

<u>Line</u>	<u>Month</u> (a)	----- Current Year's Tax -----		
		<u>Cumulative Collections</u> (b)	<u>Cumulative Payments</u> (c)	<u>Net Accrual Available</u> (d=(b-c))
1	January	12.80%		12.80%
2	February	26.74%		26.74%
3	March	34.74%		34.74%
4	April	41.53%	25.00%	16.53%
5	May	46.30%	25.00%	21.30%
6	June	48.98%	50.00%	-1.02%
7	July	52.00%	50.00%	2.00%
8	August	55.11%	50.00%	5.11%
9	September	58.96%	75.00%	-16.04%
10	October	66.29%	75.00%	-8.71%
11	November	79.23%	75.00%	4.23%
12	December	100.00%	100.00%	0.00%
13	12 Month Average			8.14%
14	Less: Revenue Lead Days			12.98%
15	Net			-4.84%

Minnesota Energy Resources Corporation
Calculation of Net Cash Working Capital
2023 Proposed Test Year

<u>Line</u>	<u>Description</u>	<u>Operating Annual</u> (a)	<u>Expenses Per Day</u> (b)	<u># of Lead Days</u> (c)	<u># of Lag Days</u> (d)	<u># of Lead Days in Excess of the # of Lag Days</u> (e)	<u>Extension [Col. (b)*(e)]</u> (f)
1	Purchased Gas Expense	\$ 291,792	\$ 799	47.4	40.2	7.2	\$ 5,726
2	Internal Payroll including Overtime but Excluding Incentive plan	\$ 10,008	\$ 27	47.4	13.0	34.3	\$ 942
3	Payroll Taxes	\$ 1,324	\$ 4	47.4	14.0	33.3	\$ 121
4	MERC Internal Incentive Plan	\$ 975	\$ 3	47.4	237.5	(190.1)	\$ (508)
5	O&M Expenses Paid to Affiliates not including Interest Expense	\$ 27,509	\$ 75	47.4	30.2	17.2	\$ 1,293
6	Other Operations & Maintenance Expense	\$ 13,179	\$ 36	47.4	30.0	17.4	\$ 627
7	Total Cash Working Capital deficit (available)						<u>\$ 8,200</u>
8	Property Tax	\$ 22,064	\$ 60	47.4	333.5	(286.1)	\$ (17,297)
9	State Income Tax	\$ (218)	\$ (0.60)	47.4	22.1	25.3	\$ (15)
10	Federal Income Tax	\$ (1,784)	\$ (5)	47.4	29.7	17.6	\$ (86)
11	Total Taxes						<u>\$ (17,398)</u>
12	Net Cash Working Capital deficit (available) (Line 7 Minus Line 11)						<u>\$ (9,198)</u>
13	Summary of Expenses from above (excluding Income taxes)	<u>\$ 366,851</u>					
14	Cost of Gas IR-5 Schedule C-5	\$ 291,792					
15	O&M Expense IR-5 Schedule C-6	\$ 51,672					
16	Payroll Taxes IR-5 Schedule C-9	\$ 1,324					
17	Property Taxes IR-5 Schedule C-9	\$ 22,064					
18	Summary of Expenses from IR-5	<u>\$ 366,851</u>					
19	Reconciliation (Line 13 less Line 18)	<u>\$ 0</u>					

*Income Tax Amounts are after assumed Rate Increase

		Distribution Revenues less CCRC										
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2015	2016
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Restated	Restated
Residential	Actual	29,362,901	27,903,715	29,908,734	25,012,868	33,070,295	38,984,778	29,944,555	34,695,576	36,687,775	29,944,555	34,695,576
	Full Decoupling 10% Cap	29,484,298	29,644,723	30,465,307	28,081,194	30,970,674	35,701,543	33,227,790	38,539,647	38,851,874	33,227,790	38,539,647
	Full Decoupling No Cap	29,484,298	29,644,723	30,465,307	30,650,941	30,970,674	33,003,457	34,082,706	38,526,160	38,851,874	34,082,706	38,526,160
	Weather Normalized Decoupling 10% Cap	29,628,481	29,531,179	29,924,317	25,044,975	33,093,299	36,907,641	32,513,388	35,871,084	37,317,067	32,513,388	35,871,084
	Weather Normalized Decoupling No Cap	29,628,481	29,531,179	29,924,317	25,044,975	33,093,299	36,907,641	32,513,388	35,871,084	37,317,067	32,513,388	35,871,084
Small C&I	Actual	1,382,281	1,306,573	1,442,954	1,196,928	2,108,400	2,342,522	1,461,865	1,339,728	1,579,523	1,461,865	1,339,728
	Full Decoupling 10% Cap	1,255,188	1,326,740	1,568,307	1,348,332	1,956,996	2,176,097	1,521,259	1,568,541	1,730,870	1,521,259	1,568,541
	Full Decoupling No Cap	1,248,099	1,326,740	1,568,307	1,657,625	1,845,193	1,669,729	1,521,259	1,845,385	1,730,870	1,521,259	1,845,385
	Weather Normalized Decoupling 10% Cap	1,261,920	1,324,686	1,580,283	1,348,332	1,989,871	2,176,097	1,465,371	1,513,263	1,675,400	1,465,371	1,513,263
	Weather Normalized Decoupling No Cap	1,261,920	1,324,686	1,580,283	1,445,805	1,989,871	1,919,607	1,465,371	1,513,263	1,675,400	1,465,371	1,513,263
Large C&I	Actual	13,566,980	12,304,678	13,199,976	11,393,772	14,832,394	14,993,176	11,798,879	12,952,053	14,101,220	11,798,879	12,952,053
	Full Decoupling 10% Cap	12,218,324	11,916,050	13,012,596	12,233,481	13,465,244	13,782,826	13,009,229	14,303,565	15,452,733	13,009,229	14,303,565
	Full Decoupling No Cap	12,196,982	11,916,050	13,012,596	12,233,481	11,289,963	11,983,578	13,737,030	16,566,069	16,634,724	13,737,030	16,566,069
	Weather Normalized Decoupling 10% Cap	12,218,324	11,727,715	12,907,268	10,026,622	13,465,244	13,782,826	13,009,229	14,303,565	15,452,733	13,009,229	14,303,565
	Weather Normalized Decoupling No Cap	12,190,299	11,727,715	12,907,268	9,938,691	12,441,962	13,375,284	13,160,520	15,392,077	16,339,868	13,160,520	15,392,077
Small Volume Interruptible & Joint	Actual	2,832,477	2,062,502	1,966,126	1,633,992	2,046,975	1,548,967	1,119,016	1,394,557	1,480,659	1,119,016	1,394,557
	Full Decoupling 10% Cap	2,581,973	2,313,006	1,831,022	1,646,101	1,824,474	1,412,865	1,255,118	1,557,443	1,479,298	1,255,118	1,557,443
	Full Decoupling No Cap	2,377,909	2,350,704	1,831,022	1,646,101	1,506,912	1,315,472	1,376,381	1,625,655	1,479,298	1,376,381	1,625,655
Large Volume Interruptible & Joint	Actual	354,870	210,852	224,286	216,195	361,412	252,870	268,257	371,643	451,736	268,257	371,643
	Full Decoupling 10% Cap	326,591	239,131	236,499	241,406	335,072	277,214	295,854	411,373	435,869	295,854	411,373
	Full Decoupling No Cap	313,491	299,702	236,499	241,406	224,217	277,214	307,707	444,841	435,869	307,707	444,841
Small Volume Transport	Actual	637,070	580,276	510,506	452,642	539,377	351,222	284,257	635,001	662,053	319,162	594,717
	Full Decoupling 10% Cap	596,978	540,183	568,392	510,528	597,262	390,506	323,541	678,864	676,677	358,446	638,581
	Full Decoupling No Cap	437,251	428,923	676,149	668,753	699,825	410,221	403,231	684,442	676,677	436,568	643,711
Large Volume Transport	Actual	2,032,069	2,054,957	1,340,709	1,208,935	1,538,010	2,336,212	2,110,233	2,913,423	2,266,034	2,183,184	2,824,752
	Full Decoupling 10% Cap	2,171,365	2,138,606	1,449,080	1,399,291	1,361,057	2,139,463	2,058,375	3,162,113	2,538,024	2,156,991	3,059,914
	Full Decoupling No Cap	2,171,365	2,138,606	1,449,080	1,476,302	1,361,057	1,973,621	2,058,375	3,162,113	2,695,791	2,156,991	3,059,914
Super Large Volume Transport	Actual	672,103	955,130	1,266,614	1,259,827	1,241,251	1,411,362	1,113,655	1,377,216	1,716,039	1,142,787	1,346,142
	Full Decoupling 10% Cap	756,752	875,435	1,161,622	1,154,835	1,136,260	1,283,556	1,164,668	1,518,051	1,575,204	1,192,957	1,486,977
	Full Decoupling No Cap	881,866	875,435	895,243	881,935	870,203	1,278,058	1,164,668	1,555,906	1,408,347	1,192,957	1,508,061

*Weather Normalization is only applied to Residential, Small C&I, and Large C&I.

Distribution Revenues less CCRC

	2018	2019	2020	2021
	Actual	Actual	Actual	Actual
Residential				
Actual	43,517,637	45,067,350	41,411,536	38,518,311
Full Decoupling 10% Cap	40,364,775	41,073,175	41,428,363	41,734,272
Full Decoupling No Cap	40,364,775	40,963,792	41,428,363	41,734,272
Weather Normalized Decoupling 10% Cap	42,564,837	44,375,361	40,608,072	40,306,124
Weather Normalized Decoupling No Cap	42,564,837	44,375,361	40,608,072	40,306,124
Firm Class 1				
Actual	1,891,449	1,830,333	1,582,122	1,496,136
Full Decoupling 10% Cap	1,933,750	1,830,788	1,757,534	1,671,549
Full Decoupling No Cap	1,933,750	1,830,788	1,830,379	1,868,204
Weather Normalized Decoupling 10% Cap	2,066,748	1,979,979	1,757,534	1,671,549
Weather Normalized Decoupling No Cap	2,066,748	1,979,979	1,783,529	1,829,905
Firm Class 2				
Actual	15,161,454	16,339,289	14,199,750	13,303,083
Full Decoupling 10% Cap	13,931,920	15,109,755	12,970,216	12,773,772
Full Decoupling No Cap	12,168,394	12,930,685	12,952,598	12,773,772
Weather Normalized Decoupling 10% Cap	13,931,920	15,109,755	12,970,216	12,453,923
Weather Normalized Decoupling No Cap	13,213,495	14,159,244	12,576,580	12,453,923
Firm Class 3				
Actual	464,258	500,325	1,820,654	1,856,149
Full Decoupling 10% Cap	426,609	462,675	1,803,494	1,818,500
Full Decoupling No Cap	356,310	396,508	1,803,494	1,812,385
Firm Class 4				
Actual			61,633	61,362
Full Decoupling 10% Cap			15,428	15,157
Full Decoupling No Cap			(198)	1,839
Firm Class 5				
Actual			281,273	282,764
Full Decoupling 10% Cap			150,853	152,345
Full Decoupling No Cap			38,465	31,753
Agricultural Grain Dryer Class 1				
Actual	22,747	13,520	4,567	11,914
Full Decoupling 10% Cap	23,516	15,801	6,847	14,194
Full Decoupling No Cap	23,516	22,354	25,432	29,517
Agricultural Grain Dryer Class 2				
Actual	98,786	153,429	299,643	224,131
Full Decoupling 10% Cap	109,307	142,908	289,121	232,944
Full Decoupling No Cap	109,917	105,213	275,977	232,944
Agricultural Grain Dryer Class 3				
Actual	41,374	57,257	-	-
Full Decoupling 10% Cap	46,037	61,920	#DIV/0!	#DIV/0!
Full Decoupling No Cap	46,631	75,259	#DIV/0!	#DIV/0!

Power Generation Class 1

Actual	10,353	28,308	8,318	12,436
Full Decoupling 10% Cap	11,435	27,165	9,461	13,579
Full Decoupling No Cap	11,435	11,435	13,931	15,166

Power Generation Class 2

Actual	264,343	221,278	285,934	315,179
Full Decoupling 10% Cap	282,364	239,299	275,522	297,158
Full Decoupling No Cap	338,817	312,978	275,522	285,271

Interruptible Class 2

Actual	1,212,540	497,990	210,934	248,721
Full Decoupling 10% Cap	1,238,133	619,522	332,466	370,252
Full Decoupling No Cap	1,238,133	1,265,604	1,140,038	1,106,621

Interruptible Class 3

Actual	4,272,427	6,019,012	2,771,057	2,719,216
Full Decoupling 10% Cap	4,742,919	6,489,503	3,241,548	3,189,707
Full Decoupling No Cap	4,994,570	7,380,031	4,063,848	3,999,164

Interruptible Class 4

Actual	398,226	647,876	308,340	306,504
Full Decoupling 10% Cap	444,431	694,081	354,545	334,342
Full Decoupling No Cap	462,052	820,089	367,179	334,342

Interruptible Class 5

Actual	1,202,839	1,601,389	1,364,187	1,558,524
Full Decoupling 10% Cap	1,304,191	1,470,970	1,233,768	1,428,105
Full Decoupling No Cap	1,304,191	1,051,340	1,001,039	845,802

*Weather Normalization is only applied to Residential, Firm Class 1 and Firm Class 2

**2018 forecast and actuals occurred under the tariffs in effect prior to Docket No. G011/GR-17-563. These amounts were allocated to the updated tariffs as approved in Docket No. G011/GR-17-563 using the same methodology use in Docket No. G011/GR-17-563

2009 AND 2010 RATE CASE APPROVED DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
Residential														
GS-1 Residential	21,346,313	26,379,805	23,111,028	5,559,109	3,159,132	1,600,832	1,585,180	2,640,816	2,381,196	5,916,895	10,367,317	24,038,126	128,085,750	
GS-4 Residential	566,769	673,580	650,090	169,709	34,997	24,273	11,899	27,392	56,663	218,230	291,538	586,757	3,311,898	
GS-5 Residential	731,649	861,389	831,394	205,865	59,894	24,465	(10,098)	36,217	56,922	258,503	381,278	783,193	4,221,081	
Total PNG Residential	22,644,731	27,914,765	24,593,012	5,934,683	3,253,932	1,649,571	1,586,991	2,704,426	2,484,781	6,393,628	11,040,133	25,408,075	135,618,729	
PNG Rate (Less CCRC)	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	
PNG Revenues	3,802,956	4,688,006	4,130,150	996,671	546,465	277,029	266,519	454,181	418,974	1,073,746	1,854,080	4,267,032	22,775,809	
GS-NMU Residential	5,275,234	6,508,648	5,515,025	1,887,432	540,404	421,792	17,945	336,084	456,577	1,611,660	2,921,878	5,889,109	31,381,790	
NMU Rate (Less CCRC)	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	
NMU Revenues	1,097,090	1,353,604	1,146,960	392,529	112,388	87,720	3,732	69,895	94,954	335,177	607,663	1,224,758	6,526,471	
Total Residential	4,900,047	6,041,609	5,277,110	1,389,200	658,853	364,749	270,251	524,077	513,928	1,408,923	2,461,743	5,491,790	29,302,280	2,930,228
Residential Customers	184,998	185,119	185,240	185,361	185,482	185,603	185,724	185,846	185,968	186,090	186,212	186,334	2,227,973	
Average Monthly Customers	184,998	185,058	185,119	185,179	185,240	185,300	185,361	185,421	185,482	185,543	185,604	185,664	185,664	
Distribution Revenues per Avg. Monthly Customers	\$ 26.49	\$ 59.13	\$ 87.61	\$ 95.09	\$ 98.61	\$ 100.55	\$ 101.97	\$ 104.77	\$ 107.50	\$ 115.06	\$ 128.29	\$ 157.82	\$ 157.82	
Small C&I														
GS-1 C&I > 1,500 CCF	1,062,227	1,331,331	1,117,380	(113,402)	171,523	306,353	(153,037)	(68,039)	123,677	141,188	313,691	1,073,368	5,306,260	
GS-4 C&I > 1,500 CCF	43,381	42,399	47,338	7,180	5,853	815	2,159	2,686	2,509	20,455	14,774	383,022	227,572	
GS-5 C&I > 1,500 CCF	92,858	101,045	76,452	21,181	(113)	1,909	1,919	5,771	6,734	9,736	37,126	90,469	445,087	
Total PNG Small C&I	1,198,465	1,474,775	1,241,170	(85,042)	177,263	309,077	(148,959)	(59,581)	132,920	171,380	365,592	1,201,859	5,978,919	
PNG Rate (Less CCRC)	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	
PNG Revenues	172,219	211,925	178,356	(12,220)	25,473	44,414	(21,405)	(8,562)	19,101	24,627	52,536	172,707	859,171	
GS-NMU C&I > 1,500 CCF	535,995	619,656	437,584	97,418	(34,239)	28,547	(15,285)	(15,563)	132,590	(264,920)	360,106	457,382	2,339,271	
NMU Rate (Less CCRC)	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	
NMU Revenues	94,346	109,072	77,024	17,148	(6,027)	5,025	(2,691)	(2,739)	23,338	(46,631)	63,386	80,508	411,758	
Total Small C&I	266,565	320,997	255,380	4,927	19,446	49,439	(24,096)	(11,301)	42,439	(22,004)	115,921	253,216	1,270,929	127,093
Small C&I Customers	9,171	9,176	9,181	9,186	9,191	9,196	9,201	9,206	9,211	9,216	9,221	9,226	110,383	
Average Monthly Customers	9,171	9,173	9,176	9,178	9,181	9,183	9,186	9,188	9,191	9,194	9,196	9,199	9,199	
Distribution Revenues per Avg. Monthly Customers	\$ 29.07	\$ 64.05	\$ 91.87	\$ 92.38	\$ 94.47	\$ 99.83	\$ 97.18	\$ 95.92	\$ 100.51	\$ 98.09	\$ 110.67	\$ 138.17	\$ 138.17	
Large C&I														
GS-1 C&I > 1,500 CCF	9,918,422	11,925,061	11,015,532	2,542,539	1,157,680	1,232,771	1,057,757	1,644,507	1,419,548	2,775,064	4,500,314	10,739,791	59,928,986	
GS-4 C&I > 1,500 CCF	396,611	500,655	378,910	163,419	47,340	50,009	49,816	70,659	52,734	106,264	202,225	461,126	2,479,769	
GS-5 C&I > 1,500 CCF	642,136	842,582	723,733	228,045	32,969	88,034	46,819	85,316	91,520	198,154	330,189	749,777	4,059,274	
Total PNG Large C&I	10,957,168	13,268,298	12,118,175	2,934,004	1,237,989	1,370,814	1,154,392	1,800,483	1,563,802	3,079,482	5,032,728	11,950,694	66,468,029	
PNG Rate (Less CCRC)	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	
PNG Revenues	1,570,381	1,901,612	1,736,777	420,501	177,429	196,465	165,447	258,045	224,124	441,351	721,291	1,712,773	9,526,198	
GS-NMU C&I > 1,500 CCF	3,404,895	4,067,703	3,766,862	1,237,798	494,970	368,327	283,343	503,073	606,677	1,175,252	1,808,201	3,463,608	21,180,710	
NMU Rate (Less CCRC)	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	
NMU Revenues	636,647	760,579	704,328	231,443	92,550	68,870	52,979	94,065	113,437	219,749	338,097	647,625	3,960,369	
Total Large C&I	2,207,029	2,662,192	2,441,105	651,945	269,978	265,335	218,427	352,110	337,561	661,100	1,059,388	2,360,399	13,486,567	1,348,657
Large C&I Customers	12,951	12,960	12,969	12,978	12,987	12,996	13,005	13,014	13,023	13,032	13,041	13,050	156,008	
Average Monthly Customers	12,951	12,956	12,960	12,965	12,969	12,974	12,978	12,983	12,987	12,992	12,996	13,001	13,001	
Distribution Revenues per Avg. Monthly Customers	\$ 170.41	\$ 375.84	\$ 564.07	\$ 614.16	\$ 634.76	\$ 654.99	\$ 671.59	\$ 698.48	\$ 724.23	\$ 774.87	\$ 856.11	\$ 1,037.38	\$ 1,037.38	
Small Volume Interruptible & Joint														
SJ-1	2,279,461	2,470,782	1,870,643	1,319,411	(211,368)	272,539	91,981	460,266	200,585	713,471	1,664,890	2,380,099	13,512,760	
SJ-1	45,839	55,613	34,343	18,767	(5,093)	(806)	560	14,763	(558)	(7,315)	26,838	53,000	235,951	
SJ-4	130,094	172,329	151,593	36,843	(2,424)	15,077	12,695	4,777	24,967	37,186	64,282	138,803	786,222	
SJ-4	(39,047)	67,606	136,830	(136,823)	71,553	(40,623)	(13,077)	1,658	1,680	3,967	7,065	18,592	79,381	
SJ-5	26,383	44,048	26,206	12,205	199	(139)	(921)	544	2,437	7,273	15,649	38,614	172,498	
SJ-5	43,680	48,900	48,590	22,560	10,162	6,604	5,218	11,694	9,372	10,570	33,740	47,600	298,690	
Total PNG Small Volume	2,486,410	2,859,278	2,288,205	1,272,963	(136,971)	252,652	96,456	493,702	238,483	765,152	1,814,464	2,676,708	15,085,502	
PNG Rate (Less CCRC)	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	
PNG Revenues	274,226	315,350	250,160	140,395	(15,107)	27,865	10,638	54,450	26,302	84,389	199,897	295,214	1,663,780	
SJ-NMU	1,600,811	1,423,285	1,618,690	966,397	136,502	109,941	73,524	333,435	316,205	670,971	715,419	1,819,191	9,784,371	
SJ-NMU	1,600,811	1,423,285	1,618,690	966,397	136,502	109,941	73,524	333,435	316,205	670,971	715,419	1,819,191	9,784,371	
Total NMU Small Volume	1,600,811	1,423,285	1,618,690	966,397	136,502	109,941	73,524	333,435	316,205	670,971	715,419	1,819,191	9,784,371	
NMU Rate (Less CCRC)	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	
NMU Revenues	137,638	122,374	139,175	83,091	11,736	9,453	6,322	28,669	27,187	57,690	61,512	156,414	841,260	
Total Small Volume Revenues	411,864	437,724	389,335	223,486	(3,370)	37,318	16,960	83,119	53,490	142,079	261,408	451,628	2,505,040	250,504

Small Volume Int & Joint Customers	554	554	554	554	554	554	554	554	554	554	554	554	554	6,648
Average Monthly Customers	554	554	554	554	554	554	554	554	554	554	554	554	554	554
Distribution Revenues per Avg. Monthly Customers	\$ 743.44	\$ 1,533.55	\$ 2,236.32	\$ 2,639.73	\$ 2,633.64	\$ 2,701.00	\$ 2,731.62	\$ 2,881.65	\$ 2,978.20	\$ 3,234.66	\$ 3,706.52	\$ 4,521.73	\$ 4,521.73	

Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
LVI-1 TP	2,051,676	(105,330)	1,043,550	108,370	59,318	120,905	234,181	(111,969)	790,631	375,347	974,386	427,727	5,968,792
LVI-1 Mainline	4,159	4,605	1,793	797	(693)	3,946	(420)	(10,414)	6,853	67,566	5,707	15,231	99,130
LVI-4	1,131,520	(257,550)	287,400	32,380	32,444	(26,538)	(2,056)	9,300	9,680	43,170	94,730	204,870	1,559,350
LJ-5 TP	177,810	271,580	208,029	112,677	89,671	42,383	39,976	62,947	65,878	98,730	158,370	237,786	1,565,837
Total PNG Large Volume	3,365,165	(86,695)	1,540,772	254,224	180,740	140,696	271,681	(50,136)	873,042	584,813	1,233,193	885,614	9,193,109
PNG Rate (Less CCRC)	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596
PNG Revenues	87,360	(2,251)	39,998	6,600	4,692	3,652	7,053	(1,302)	22,664	15,182	32,014	22,991	238,653
LVI-NMU TP	361,095	(102,864)	266,187	66,240	133,992	344,677	90,903	174,705	240,559	310,659	110,293	346,321	2,342,767
NMU Rate (Less CCRC)	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884
NMU Revenues	6,803	(1,938)	5,015	1,248	2,524	6,494	1,713	3,291	4,532	5,853	2,078	6,525	44,138
Total Large Volume Revenues	94,163	(4,189)	45,013	7,848	7,216	10,146	8,765	1,990	27,196	21,035	34,092	29,515	282,791

28,279

Large Volume Int & Joint Customers	64	64	64	64	64	64	64	64	64	64	64	64	64	768
Average Monthly Customers	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Distribution Revenues per Avg. Monthly Customers	\$ 1,471.29	\$ 1,405.85	\$ 2,109.18	\$ 2,231.80	\$ 2,344.56	\$ 2,503.09	\$ 2,640.05	\$ 2,671.14	\$ 3,096.09	\$ 3,424.75	\$ 3,957.43	\$ 4,418.61	\$ 4,418.61	

Small Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total
SVI-1 Transport	11,644	9,906	12,547	992	6,525	5,490	4,626	45	8,261	4,497	5,577	8,709	78,819
SJ-1 Transport	68,472	327,998	26,007	30,682	30,927	817	1,222	11,328	13,158	27,304	51,446	39,021	628,381
SVI-4 Transport	165,641	212,984	177,919	102,253	60,394	84,862	70,939	75,802	65,655	75,741	167,608	119,799	1,379,597
SJ-4 Transport													-
SVI-5 Transport	34,226	52,998	48,256	9,838	11,173	11,899	(4,400)	(3,639)	6,242	20,824	22,866	54,245	264,527
SJ-5 Transport													-
Total PNG Small Volume Transport	279,983	603,885	264,729	143,764	109,019	103,068	72,387	83,536	93,316	128,365	247,497	221,773	2,351,324
PNG Rate (Less CCRC)	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029
PNG Revenues	30,879	66,603	29,197	15,856	12,024	11,367	7,984	9,213	10,292	14,157	27,296	24,459	259,328
SVI-NMU Transport	84,026	134,532	79,107	61,110	36,461	8,892	72,570	34,422	26,942	74,446	102,670	180,116	895,293
SJ-NMU Transport	101,053	173,134	26,726	3,006,532	(927,747)	23,348	453,250	518,388	(344,333)	(1,452,047)	(1,015,960)	189,143	751,587
Total NMU Small Volume Transport	185,079	307,667	105,833	3,067,642	(891,286)	32,239	525,820	552,809	(317,391)	(1,377,602)	(913,189)	369,259	1,646,880
NMU Rate (Less CCRC)	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598
NMU Revenues	15,913	26,453	9,100	263,756	(76,633)	2,772	45,210	47,531	(27,289)	(118,446)	(78,516)	31,749	141,599
Total Small Volume Transport Revenues	46,792	93,056	38,296	279,612	(64,609)	14,139	53,194	56,744	(16,997)	(104,289)	(51,220)	56,208	400,926

40,093

Small Volume Transport Customers	39	40	38	38	38	38	38	38	38	38	37	37	457
Average Monthly Customers	39	40	39	39	39	39	39	38	38	38	38	38	38
Distribution Revenues per Avg. Monthly Customers	\$ 1,199.81	\$ 3,540.46	\$ 4,567.81	\$ 11,813.06	\$ 10,185.16	\$ 10,578.87	\$ 11,982.75	\$ 13,478.15	\$ 13,049.38	\$ 10,337.80	\$ 9,028.33	\$ 10,527.60	\$ 10,527.60

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Large Volume Transport													
LVI-1 TP Transport	1,398,383	(7,315,122)	12,436,798	637,734	3,089,464	3,556,844	6,884,191	5,347,207	2,162,968	3,603,677	2,150,001	3,369,754	37,321,899
LVI-1 Mainline Transport	62,972	71,867	103,818	49,656	55,250	21,090	32,913	39,546	50,935	110,150	91,620	20,415	710,231
LJ-1 TP Transport	2,007,062	2,957,991	3,671,574	2,343,109	2,206,560	2,738,608	3,177,451	3,315,441	1,806,921	2,365,156	2,758,626	2,966,852	32,315,351
LVI-4 Mainline Transport													-
LVI-4 Transport													-
LJ-5 TP Transport													-
Total PNG Large Volume Transport	3,468,417	(4,285,263)	16,212,191	3,030,499	5,351,273	6,316,543	10,094,554	8,702,193	4,020,823	6,078,983	5,000,246	6,357,020	70,347,481
PNG Rate (Less CCRC)	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596
PNG Revenues	90,040	(111,245)	420,868	78,672	138,919	163,977	262,055	225,909	104,381	157,810	129,806	165,028	1,826,221
Transport LVJ-ML Flex Customer A	399,966	408,488	378,238	174,024	290,813	206,125	610,966	430,551	295,066	183,096	608,903	394,183	4,380,419
PNG Rate (Less CCRC)	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252
PNG Revenues	(1,008)	(1,029)	(953)	(439)	(733)	(519)	(1,540)	(1,085)	(744)	(461)	(1,534)	(993)	(11,039)
Transport LVI-TP Flex Customer B	1,338,105	727,671	1,184,856	1,113,931	908,279	1,423,506	1,124,063	1,193,627	894,170	1,048,337	1,212,700	1,053,305	13,222,549
PNG Rate (Less CCRC)	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152
PNG Revenues	(2,034)	(1,106)	(1,801)	(1,693)	(1,381)	(2,164)	(1,709)	(1,814)	(1,359)	(1,593)	(1,843)	(1,601)	(20,098)
Transport LVI-TP Flex Customer C	-	3,785,742	1,492,179	953,819	1,037,234	(69,005)	(23,002)	-	-	-	1,186,535	1,114,490	9,477,993
PNG Rate (Less CCRC)	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048
PNG Revenues	-	487	716	458	498	(33)	(11)	-	-	-	570	535	4,549
Transport LVJ-TP Flex Customer E	192,207	175,065	280,206	252,028	724,203	541,400	421,310	522,072	410,290	510,035	644,169	616,865	5,289,850
PNG Rate (Less CCRC)	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848
PNG Revenues	1,630	1,485	2,376	2,137	6,141	4,591	3,573	4,427	3,479	4,325	5,463	5,231	44,858
Transport LVI-TP Flex Customer F	381,596	384,532	382,765	316,228	203,435	357,884	286,913	187,414	291,335	361,823	351,484	362,157	3,867,565
PNG Rate (Less CCRC)	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248
PNG Revenues	946	954	949	784	505	888	712	465	723	897	872	898	9,592
LVI-1 TP Transport Flex Customer G	218,588	299,832	310,072	130,039	128,818	168,188	139,622	153,257	131,257	84,700	197,361	272,008	2,233,742
PNG Rate (Less CCRC)	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848
PNG Revenues	1,854	2,543	2,629	1,103	1,092	1,426	1,184	1,300	1,113	718	1,674	2,307	18,942
LVI-NMU TP Transport	785,479	1,016,131	1,127,730	995,730	403,013	806,061	402,771	635,513	682,546	751,480	933,289	945,297	9,485,039
LJ-NMU TP Transport	60,773	402,077	372,793	171,263	201,768	326,014	307,367	151,887	98,146	102,205	295,375	184,546	2,674,014
Total NMU TP Large Transport	846,253	1,418,207	1,500,523	1,166,993	604,781	1,132,074	710,138	787,200	780,692	853,685	1,228,664	1,129,843	12,159,053
NMU Rate (Less CCRC)	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884
NMU Revenues	15,943	26,719	28,270	21,986	11,394	21,328	13,379	14,831	14,708	16,083	23,148	21,286	229,077
LVI-NMU Mainline Transport	223,212	251,272	288,463	54,264	85,269	117,215	99,358	15,381	190,564	99,996	78,789	199,217	1,683,002
NMU Rate (Less CCRC)	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062
NMU Revenues	138	156	166	34	53	73	62	10	118	62	49	124	1,043
Total Large Volume Transport Revenues	107,510	(79,708)	453,222	103,042	156,489	189,567	277,704	244,042	122,419	177,842	158,203	192,814	2,103,145
Large Volume Transport Customers	94	93	95	95	95	95	95	95	95	95	96	96	1,139
Average Monthly Customers	94	94	94	94	94	95	95	95	95	95	95	95	95
Distribution Revenues per Avg. Monthly Customers	\$ 1,143.72	\$ 297.35	\$ 5,117.27	\$ 6,196.98	\$ 7,844.85	\$ 9,842.55	\$ 12,771.56	\$ 15,343.37	\$ 16,629.78	\$ 18,501.87	\$ 20,147.30	\$ 22,157.80	

210,314

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Super Large Volume Interruptible & Joint													
SLV Interruptible Transport	13,869,667	22,504,414	14,540,094	5,054,172	8,875,961	9,097,923	9,548,181	12,751,452	7,986,894	14,058,179	18,604,443	20,298,602	157,189,982
PNG Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
PNG Revenues	58,253	94,519	61,068	21,228	37,279	38,211	40,102	53,556	33,545	59,044	78,139	85,254	660,198
SLV Joint Transport	4,300,115	5,758,174	8,235,958	8,470,946	9,262,219	7,724,694	9,850,364	12,484,635	5,946,528	2,154,836	6,494,962	3,248,014	83,931,445
PNG Rate (Less CCRC)	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232
PNG Revenues	(9,976)	(13,359)	(19,107)	(19,653)	(21,488)	(17,921)	(22,853)	(28,964)	(13,796)	(4,999)	(15,068)	(7,535)	(194,721)
SLV-NMU I TP Transport	4,097,455	3,818,034	5,855,239	3,419,943	2,894,062	3,443,161	4,102,196	136,211	6,967,340	2,885,412	4,227,385	2,978,820	44,825,258
NMU Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085
NMU Revenues	34,828	32,453	49,770	29,070	24,600	29,267	34,869	1,158	59,222	24,526	35,933	25,320	381,015
Total Super Large Volume Revenues	83,105	113,613	91,731	30,644	40,390	49,557	52,118	25,750	78,971	78,571	99,003	103,039	846,492
Super Large Volume Customers	24	24	24	24	24	24	24	24	24	24	24	24	288
Average Monthly Customers	24	24	24	24	24	24	24	24	24	24	24	24	24
Distribution Revenues per Avg. Monthly Customers	\$ 3,462.70	\$ 8,196.57	\$ 12,018.67	\$ 13,295.52	\$ 14,978.45	\$ 17,043.32	\$ 19,214.91	\$ 20,287.80	\$ 23,578.28	\$ 26,852.08	\$ 30,977.21	\$ 35,270.49	35,270.49

84,649

2011 THROUGH 2013 RATE CASE APPROVED DISTRIBUTION REVENUES LESS CCRC

Residential	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
GS-1 Residential	24,012,462	19,712,672	16,657,285	10,108,087	5,667,540	2,786,970	2,292,116	2,408,336	4,366,087	9,129,545	13,978,931	20,321,130	131,441,161	
GS-4 Residential	541,666	454,910	397,960	235,185	131,378	62,691	42,867	40,170	79,637	194,578	377,620	499,729	3,058,391	
GS-5 Residential	782,311	644,265	561,212	337,529	177,600	70,394	46,744	46,286	94,544	287,233	514,133	734,214	4,306,465	
GS-NMU Residential	5,702,504	4,875,140	3,867,955	2,213,127	1,184,191	387,262	150,943	184,526	575,131	1,889,590	3,336,127	5,037,900	29,404,396	
Residential Sales	31,038,943	25,686,987	21,484,412	12,893,928	7,160,709	3,307,317	2,532,670	2,679,318	5,115,399	11,510,946	18,206,811	26,592,973	168,210,413	
Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241		
Total Residential	5,661,813.59	4,685,563.30	3,918,971.59	2,351,981.41	1,306,184.93	603,287.69	461,984.33	488,734.40	933,099.93	2,099,711.66	3,321,104.39	4,850,824.20	30,683,261	3,068,326
Residential Customers	190,932	190,525	190,485	190,693	190,577	189,262	188,854	188,764	188,450	189,012	189,675	191,273	2,278,502	
Average Monthly Customers	190,932	190,729	190,647	190,659	190,642	190,412	190,190	190,012	189,838	189,755	189,748	189,875	189,875	
Distribution Revenues per Avg. Monthly Customers	\$ 29.65	\$ 54.25	\$ 74.83	\$ 87.16	\$ 94.02	\$ 97.30	\$ 99.85	\$ 102.51	\$ 107.52	\$ 118.63	\$ 136.14	\$ 161.60	\$ 161.60	

Small C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
GS-1 C&I > 1,500 CCF	1,221,987	1,076,193	855,315	458,993	221,828	85,391	80,453	76,361	123,664	271,458	584,128	850,611	5,906,382	
GS-4 C&I > 1,500 CCF	44,894	39,288	31,972	16,519	8,396	4,474	3,906	4,130	7,868	16,751	24,298	39,057	241,553	
GS-5 C&I > 1,500 CCF	88,730	73,150	59,265	35,974	16,577	8,309	7,072	5,994	14,966	31,335	54,570	74,462	470,404	
GS-NMU C&I > 1,500 CCF	525,362	211,042	338,774	191,453	93,835	26,450	12,715	17,305	59,278	138,373	256,207	409,659	2,280,453	
Small C&I Sales	1,880,973	1,399,673	1,285,326	702,939	340,636	124,624	104,146	103,790	205,776	457,917	919,203	1,373,789	8,898,792	
Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014		
Total Small C&I	320,029	238,140	218,685	119,598	57,956	21,204	17,719	17,659	35,011	77,910	156,393	233,736	1,514,040	151,404
Small C&I Customers	9,306	9,347	9,304	9,288	9,259	9,188	9,259	9,119	9,038	9,059	9,123	9,251	110,541	
Average Monthly Customers	9,306	9,327	9,319	9,311	9,301	9,282	9,279	9,258	9,234	9,217	9,208	9,212	9,212	
Distribution Revenues per Avg. Monthly Customers	\$ 34.39	\$ 59.85	\$ 83.36	\$ 96.28	\$ 102.62	\$ 105.11	\$ 107.05	\$ 109.19	\$ 113.27	\$ 121.94	\$ 139.04	\$ 164.36	\$ 164.36	

Large C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
GS-1 C&I > 1,500 CCF	10,619,849	9,125,055	7,468,057	4,693,402	2,683,495	1,383,674	1,242,278	1,356,192	2,451,164	4,419,109	8,231,780	10,277,741	63,951,796	
GS-4 C&I > 1,500 CCF	400,893	331,851	276,831	181,846	101,834	54,997	51,416	60,570	107,574	194,010	250,897	363,797	2,376,516	
GS-5 C&I > 1,500 CCF	675,933	571,062	476,955	286,360	158,276	82,450	68,944	81,180	168,424	286,112	442,325	602,373	3,900,394	
GS-NMU C&I > 1,500 CCF	3,554,116	3,035,975	2,432,475	1,430,280	750,286	269,898	137,227	199,163	618,131	1,317,525	2,063,759	2,988,597	18,807,432	
Large C&I Sales	15,250,791	13,063,943	10,654,318	6,591,888	3,693,891	1,791,019	1,499,865	1,697,105	3,345,293	6,216,756	10,988,761	14,242,508	89,036,138	
Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355		
Total Large C&I	2,341,759	2,005,968	1,635,971	1,012,184	567,197	275,011	230,304	260,590	513,670	954,583	1,687,324	2,186,937	13,671,499	1,367,150
Large C&I Customers	12,203	12,175	12,149	12,136	12,139	12,205	12,204	11,981	11,967	11,978	12,033	12,181	145,009	
Average Monthly Customers	12,203	12,189	12,176	12,166	12,160	12,138	12,124	12,106	12,091	12,080	12,075	12,084	12,084	
Distribution Revenues per Avg. Monthly Customers	\$ 191.90	\$ 356.69	\$ 491.45	\$ 575.05	\$ 621.94	\$ 645.76	\$ 665.48	\$ 687.99	\$ 731.36	\$ 811.06	\$ 951.08	\$ 1,131.36	\$ 1,131.36	

Small Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
SVI-1	2,531,141	2,160,245	1,914,428	1,290,501	828,317	398,278	376,616	346,871	420,033	921,056	1,317,176	1,530,717	14,035,379	
SJ-1	23,650	23,550	19,620	16,570	13,994	11,819	9,982	8,430	7,120	8,240	9,360	11,120	163,455	
SVI-4	133,270	91,130	102,431	55,611	23,678	24,549	15,011	16,940	34,073	97,953	88,062	151,816	834,524	
SJ-4	19,132	16,108	13,872	8,753	5,156	2,918	2,468	2,594	4,284	8,224	12,861	17,542	113,912	
SVI-5	34,219	28,303	23,933	13,880	6,819	2,417	1,538	1,785	5,110	12,854	21,972	31,170	184,000	
SJ-5	37,973	33,342	29,785	21,279	15,282	11,544	10,776	11,010	13,889	20,549	28,472	36,480	270,381	
SVI-NMU	1,593,388	1,362,291	1,144,740	771,547	572,096	294,416	174,343	218,827	232,936	349,486	812,751	1,231,255	8,758,076	
SJ-NMU	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Small Volume	4,372,773	3,714,969	3,248,809	2,178,141	1,465,342	745,941	590,734	606,457	717,445	1,418,362	2,290,654	3,010,100	24,359,727	
Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134		
Total Small Volume Revenues	399,409	339,325	296,746	198,951	133,844	68,134	53,958	55,394	65,531	129,553	209,228	274,943	2,225,017	222,502
Small Volume Int & Joint Customers	531	532	529	519	532	535	529	537	532	542	526	529	6,373	
Average Monthly Customers	531	532	531	528	529	530	530	531	531	532	531	531	531	
Distribution Revenues per Avg. Monthly Customers	\$ 752.18	\$ 1,389.90	\$ 1,951.28	\$ 2,339.05	\$ 2,588.49	\$ 2,711.91	\$ 2,814.29	\$ 2,913.78	\$ 3,036.36	\$ 3,273.50	\$ 3,670.57	\$ 4,189.58	\$ 4,189.58	

Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
LVI-1 TP	505,159	451,737	390,476	304,991	268,203	388,222	349,225	397,945	562,009	522,982	797,630	1,239,736	6,178,315
LVI-1 Mainline	1,573	3,890	2,938	889	460	275	83	127	127	86,890	62,209	57,999	217,460
LVI-4	203,392	188,036	140,438	94,773	68,723	26,331	19,668	12,377	28,609	44,193	135,591	156,485	1,118,616
LJ-5 TP													-
LVI-NMU TP	447,839	394,728	418,000	360,721	240,604	280,502	333,361	307,228	484,167	739,449	647,132	649,580	5,303,311
Total Large Volume	1,157,963	1,038,391	951,852	761,374	577,990	695,330	702,337	717,677	1,074,912	1,393,514	1,642,562	2,103,800	12,817,702
Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055
Total Large Volume Revenues	23,796	21,339	19,561	15,646	11,878	14,289	14,433	14,748	22,089	28,637	33,755	43,233	263,404
Large Volume Int & Joint Customers	66	66	69	75	73	76	75	75	74	73	76	74	872
Average Monthly Customers	66	66	67	69	70	71	71	72	72	72	73	73	73
Distribution Revenues per Avg. Monthly Customers	\$ 360.55	\$ 683.86	\$ 965.61	\$ 1,164.37	\$ 1,321.20	\$ 1,503.65	\$ 1,693.18	\$ 1,887.86	\$ 2,188.00	\$ 2,581.94	\$ 3,034.93	\$ 3,624.82	\$ 3,624.82

26,340

Small Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total
SVI-1 Transport	148,386	145,360	152,208	147,351	181,619	222,438	239,066	186,925	145,466	123,317	112,237	136,883	1,941,256
SJ-1 Transport	109,423	102,834	100,151	92,054	77,629	42,804	32,314	28,769	24,122	18,979	39,252	63,351	731,682
SVI-4 Transport	46,702	34,215	34,083	17,293	12,165	8,312	8,637	4,979	6,203	20,601	12,554	35,350	241,094
SJ-4 Transport	14,495	16,634	15,831	12,043	12,882	8,060	13,575	9,038	9,610	16,193	11,337	21,547	161,245
SVI-5 Transport	60,391	51,362	54,300	37,690	25,874	36,889	13,137	15,076	15,058	22,851	24,963	27,491	385,082
SJ-5 Transport													-
SVI-NMU Transport	245,721	169,535	132,922	115,899	92,964	90,020	85,260	77,933	46,710	59,954	90,838	126,703	1,334,459
SJ-NMU Transport	145,280	379,650	176,506	137,378	122,347	67,777	71,826	50,727	58,108	65,741	97,527	169,665	1,542,532
Total NMU Small Volume Transport	770,398	899,590	666,001	559,708	525,480	476,300	463,815	373,447	305,277	327,636	388,708	580,990	6,337,350
NMU Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134
Total Small Volume Transport Revenues	70,368	82,169	60,833	51,124	47,997	43,505	42,365	34,111	27,884	29,926	35,505	53,068	578,854
Small Volume Transport Customers	36	39	33	36	33	36	33	33	35	37	35	37	423
Average Monthly Customers	36	38	36	36	35	36	35	35	35	35	35	35	35
Distribution Revenues per Avg. Monthly Customers	\$ 1,954.67	\$ 4,067.65	\$ 5,926.92	\$ 7,347.03	\$ 8,827.41	\$ 10,028.04	\$ 11,335.46	\$ 12,400.60	\$ 13,194.89	\$ 13,968.13	\$ 14,983.54	\$ 16,421.38	\$ 16,421.38

57,885

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Large Volume Transport													
LVI-1 TP Transport	3,269,313	2,610,150	2,840,150	2,618,057	2,898,466	3,670,020	3,775,076	4,148,740	3,463,793	3,977,127	2,857,764	2,918,511	39,047,167
LVI-1 Mainline Transport	42,012	76,012	80,911	74,997	73,239	50,111	57,717	88,881	68,586	48,311	62,374	81,583	804,734
LJ-1 TP Transport	3,583,415	3,316,283	3,109,568	3,441,686	4,212,921	5,361,896	6,097,869	6,647,422	5,152,080	4,711,740	3,526,786	3,644,136	52,805,802
LJ-1 Mainline Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LVI-4 Transport	128,686	120,419	96,106	84,201	85,385	58,247	84,656	52,333	50,201	63,350	78,294	112,758	1,014,636
LVI-5 Transport	53,853	47,651	54,046	31,805	27,149	56,120	24,708	29,500	31,162	35,071	24,149	32,837	448,051
LJ-5 TP Transport	181,378	178,975	194,378	128,242	93,074	40,266	16,244	25,397	27,904	39,412	81,259	86,966	1,093,495
LVI-NMU TP Transport	1,183,083	1,087,388	942,749	1,086,303	715,343	745,308	963,919	829,016	832,698	791,569	916,829	1,089,986	11,184,191
LJ-NMU TP Transport	446,843	344,003	274,160	232,432	211,431	186,565	207,159	147,228	253,017	180,488	220,887	303,531	3,034,744
LVI-NMU Mainline Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Flex Large Volume Transport	8,888,583	7,780,881	7,592,068	7,697,723	8,317,008	10,168,533	11,227,348	11,968,517	9,879,441	9,847,068	7,768,342	8,297,308	109,432,820
Non-Flex Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055
Non-Flex Revenues	182,660	159,897	156,017	158,188	170,915	208,963	230,722	245,953	203,023	202,357	159,639	170,510	2,248,844
Transport LVJ-ML Flex Customer A	458,471	495,943	532,637	333,459	448,829	738,966	666,083	370,102	413,366	240,450	376,918	534,250	5,609,474
FLEX Rate (Less CCRC)	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063
FLEX Revenues	(4,874)	(5,272)	(6,662)	(3,545)	(4,771)	(7,855)	(7,080)	(3,934)	(4,394)	(2,556)	(4,007)	(5,679)	(59,629)
Transport LVI-TP Flex Customer B	1,181,436	1,068,110	1,274,703	1,406,377	1,737,582	2,403,630	2,289,250	2,372,826	1,903,279	1,381,114	1,312,266	1,447,346	19,777,919
FLEX Rate (Less CCRC)	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013
FLEX Revenues	(11,968)	(10,820)	(12,913)	(14,247)	(17,602)	(24,349)	(23,190)	(24,037)	(19,280)	(13,991)	(13,293)	(14,662)	(200,350)
Transport LVI-TP Flex Customer C	1,069,818	1,008,223	1,114,949	1,103,690	-	-	-	-	-	-	1,220,452	1,256,805	6,773,937
FLEX Rate (Less CCRC)	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-	-0.00813	-0.00813
FLEX Revenues	(8,698)	(8,197)	(9,065)	(8,973)	-	-	-	-	-	-	(9,922)	(10,218)	(55,072)
Transport LVI-TP Flex Customer D	-	-	-	-	1,485,460	1,943,946	1,731,183	1,826,588	1,627,001	1,291,211	-	-	9,905,389
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	-	-	-	-	(193)	(253)	(225)	(237)	(212)	(168)	-	-	(1,288)
Transport LVJ-TP Flex Customer E	463,060	266,619	566,923	637,971	883,141	952,355	1,062,804	1,048,040	789,756	723,981	767,158	778,623	8,940,431
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	(60)	(35)	(74)	(83)	(115)	(124)	(138)	(136)	(103)	(94)	(100)	(101)	(1,162)
Transport LVI-TP Flex Customer F	379,197	759,282	346,026	232,461	269,320	306,297	405,996	245,226	398,858	352,343	370,152	396,904	4,462,062
FLEX Rate (Less CCRC)	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613
FLEX Revenues	(2,324)	(4,654)	(2,121)	(1,425)	(1,651)	(1,878)	(2,489)	(1,503)	(2,445)	(2,160)	(2,269)	(2,433)	(27,352)
LVI-1 TP Transport Flex Customer G	270,636	301,590	311,363	295,054	300,907	326,570	241,768	281,677	265,654	209,208	253,682	257,136	3,315,245
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	(35)	(39)	(40)	(38)	(39)	(42)	(31)	(37)	(35)	(27)	(33)	(33)	(431)
Total Large Volume Transport Revenues	154,701	130,880	126,142	129,878	146,544	174,463	197,568	216,069	176,555	183,362	130,016	137,983	1,903,560
Large Volume Transport Customers	126	128	124	128	125	126	125	125	125	126	125	128	1,511
Average Monthly Customers	126	127	126	127	126	126	126	126	126	126	126	126	126
Distribution Revenues per Avg. Monthly Customers	\$ 1,227.79	\$ 2,248.67	\$ 3,267.65	\$ 4,281.44	\$ 5,452.82	\$ 6,837.05	\$ 8,414.10	\$ 10,138.99	\$ 11,550.53	\$ 13,006.05	\$ 14,047.68	\$ 15,117.62	\$ 15,117.62

190,356

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Super Large Volume Interruptible & Joint													
SLV Interruptible Transport - CIP Exempt Rate	15,357,213	13,696,935	14,979,409	12,203,260	8,333,176	2,346,413	2,733,593	4,326,832	6,911,394	10,129,984	11,887,776	15,614,327	118,520,312
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	64,500	57,527	62,914	51,254	34,999	9,855	11,481	18,173	29,028	42,546	49,929	65,580	497,785
SLV Interruptible Transport - CIP Applicable Rate	319,572	285,023	311,710	253,940	173,407	48,827	56,884	90,038	143,821	210,797	247,375	324,922	2,466,316
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	1,342	1,197	1,309	1,067	728	205	239	378	604	885	1,039	1,365	10,359
SLV Joint Transport Rate	5,406,466	3,861,171	3,425,095	3,070,322	2,046,299	5,844,411	4,576,181	2,578,485	2,329,211	3,817,430	3,550,159	783,985	41,289,215
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	22,707	16,217	14,385	12,895	8,594	24,547	19,220	10,830	9,783	16,033	14,911	3,293	173,415
SLV-NMU I TP Transport CIP Exempt Rate	546,047	523,616	573,178	522,578	555,478	539,207	496,072	531,919	538,539	590,969	594,601	578,820	6,591,025
Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085
Revenues	4,641	4,451	4,872	4,442	4,722	4,583	4,217	4,521	4,578	5,023	5,054	4,920	56,024
SLV-NMU I TP Transport CIP Applicable Rate	3,044,193	2,919,142	3,195,449	2,913,353	3,096,767	3,006,058	2,765,584	2,965,430	3,002,336	3,294,630	3,314,880	3,226,898	36,744,719
Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085
Revenues	25,876	24,813	27,161	24,764	26,323	25,551	23,507	25,206	25,520	28,004	28,176	27,429	312,330
Total Super Large Volume Revenues	119,067	104,205	110,641	94,421	75,366	64,741	58,664	59,108	69,512	92,492	99,109	102,586	1,049,912
Super Large Volume Customers	29	28	28	28	28	28	28	28	28	29	29	29	340
Average Monthly Customers	29	29	28	28	28	28	28	28	28	28	28	28	28
Distribution Revenues per Avg. Monthly Customers	\$ 4,105.75	\$ 7,834.08	\$ 11,785.15	\$ 15,162.26	\$ 17,861.70	\$ 20,181.34	\$ 22,282.93	\$ 24,398.89	\$ 26,883.51	\$ 30,078.63	\$ 33,506.71	\$ 37,055.73	\$ 37,055.73

104,991

Total Large Volume Revenues	35,327	32,902	28,715	22,656	18,203	14,911	14,927	15,519	16,241	20,308	25,245	31,023	275,976	27,598
Large Volume Int & Joint Customers	66	65	65	69	69	68	68	69	67	69	68	70	813	
Average Monthly Customers	66	66	65	66	67	67	67	67	67	68	68	68	68	
Distribution Revenues per Avg. Monthly Customers	\$ 535.26	\$ 1,041.67	\$ 1,483.84	\$ 1,805.29	\$ 2,062.93	\$ 2,279.32	\$ 2,496.78	\$ 2,718.52	\$ 2,961.40	\$ 3,254.94	\$ 3,626.50	\$ 4,073.45	\$ 4,073.45	

Small Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total	
SVI-NNG Transport	269,372	250,882	218,954	172,756	138,802	113,694	113,820	118,335	123,836	154,848	192,496	236,551	2,104,346	
SVJ-NNG Transport	138,719	129,196	112,755	88,964	71,479	58,549	58,614	60,939	63,772	79,742	99,130	121,817	1,083,676	
SVI-Consolidated Transport	338,722	315,471	275,324	217,232	174,537	142,965	143,123	148,801	155,718	194,713	242,054	297,451	2,646,111	
SVJ-Consolidated Transport	85,482	79,614	69,482	54,822	44,047	36,079	36,119	37,552	39,298	49,139	61,086	75,066	667,786	
Total Small Volume Transport	832,295	775,163	676,515	533,774	428,865	351,287	351,676	365,627	382,624	478,442	594,766	730,885	6,501,919	
Rate (Less CCRC)	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	
Total Small Volume Transport Revenues	50,287	46,835	40,875	32,251	25,912	21,225	21,248	22,091	23,118	28,907	35,936	44,160	392,846	39,285
Small Volume Transport Customers	46	46	46	46	44	44	44	44	44	44	44	46	538	
Average Monthly Customers	46	46	46	46	46	45	45	45	45	45	45	45	45	
Distribution Revenues per Avg. Monthly Customers	\$ 1,093.20	\$ 2,111.36	\$ 2,999.95	\$ 3,701.05	\$ 4,301.76	\$ 4,795.26	\$ 5,286.18	\$ 5,793.88	\$ 6,323.23	\$ 6,981.03	\$ 7,795.82	\$ 8,762.36	\$ 8,762.36	

Large Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total	
LVI-NNG Transport CIP Applicable	3,945,459	3,674,627	3,206,994	2,530,335	2,033,019	1,665,264	1,667,108	1,733,241	1,813,811	2,268,030	2,819,462	3,464,728	30,822,078	
LVI-NNG Transport CIP Exempt	2,675,542	2,491,882	2,174,765	1,715,901	1,378,655	1,129,268	1,130,519	1,175,366	1,230,003	1,538,024	1,911,967	2,349,543	20,901,435	
LVJ-NNG Transport	1,644,759	1,531,856	1,336,912	1,054,831	847,512	694,205	694,974	722,543	756,130	945,483	1,175,360	1,444,354	12,848,919	
LVI-Consolidated Transport	1,568,197	1,460,550	1,274,681	1,005,730	808,062	661,891	662,623	688,910	720,933	901,472	1,120,648	1,377,122	12,250,819	
LVJ-Consolidated Transport	596,778	555,813	485,080	382,731	307,508	251,883	252,163	262,165	274,351	343,055	426,463	524,064	4,662,054	
Total Non-Flex Large Volume Transport	10,430,735	9,714,728	8,478,432	6,689,528	5,374,756	4,402,511	4,407,387	4,582,225	4,795,228	5,996,064	7,453,900	9,159,811	81,485,305	
Non-Flex Rate (Less CCRC)	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	
Non-Flex Revenues	219,567	204,495	178,471	140,815	113,139	92,673	92,775	96,456	100,940	126,217	156,905	192,814	1,715,266	
Transport LVJ-ML Flex Customer A	725,969	676,135	590,090	465,584	374,078	306,410	306,749	318,918	333,743	417,320	518,784	637,513	5,671,293	
FLEX Rate (Less CCRC)	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	
FLEX Revenues	(3,521)	(3,279)	(2,862)	(2,258)	(1,814)	(1,486)	(1,488)	(1,547)	(1,619)	(2,024)	(2,516)	(3,092)	(27,506)	
Transport LVI-TP Flex Customer B	1,433,622	1,335,212	1,165,293	919,422	738,718	605,090	605,760	629,790	659,066	824,111	1,024,479	1,258,943	11,199,506	
FLEX Rate (Less CCRC)	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	
FLEX Revenues	7,168	6,676	5,826	4,597	3,694	3,025	3,029	3,149	3,295	4,121	5,122	6,295	55,998	
Transport LVI-TP Flex Customer C	761,967	709,663	619,351	488,671	392,627	321,604	321,960	334,732	350,292	438,014	544,509	669,126	5,952,516	
FLEX Rate (Less CCRC)	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	
FLEX Revenues	5,334	4,968	4,335	3,421	2,748	2,251	2,254	2,343	2,452	3,066	3,812	4,684	41,668	
Transport LVI-TP Flex Customer D	680,471	633,761	553,108	436,405	350,634	287,207	287,525	298,931	312,827	391,166	486,271	597,560	5,315,866	
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	
FLEX Revenues	10,207	9,506	8,297	6,546	5,260	4,308	4,313	4,484	4,692	5,867	7,294	8,963	79,738	
Transport LVJ-TP Flex Customer E	857,958	799,064	697,375	550,233	442,089	362,119	362,520	376,901	394,421	493,193	613,105	753,420	6,702,398	
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	
FLEX Revenues	12,869	11,986	10,461	8,253	6,631	5,432	5,438	5,654	5,916	7,398	9,197	11,301	100,536	
Transport LVI-TP Flex Customer F	429,983	400,467	349,504	275,760	221,562	181,483	181,684	188,892	197,672	247,174	307,270	377,592	3,359,043	
FLEX Rate (Less CCRC)	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	
FLEX Revenues	(1,281)	(1,193)	(1,042)	(822)	(660)	(541)	(541)	(563)	(589)	(737)	(916)	(1,125)	(10,010)	
LVI-1 TP Transport Flex Customer G	273,520	254,745	222,326	175,416	140,940	115,445	115,573	120,158	125,743	157,232	195,463	240,193	2,136,754	
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	
FLEX Revenues	1,510	1,406	1,227	968	778	637	638	663	694	868	1,079	1,326	11,795	
Total Large Volume Transport Revenues	251,853	234,565	204,714	161,520	129,775	106,300	106,418	110,639	115,782	144,777	179,976	221,166	1,967,484	196,748

Large Volume Transport Customers	96	96	95	95	96	95	94	94	94	94	96	94	1,139
Average Monthly Customers	96	96	96	96	96	96	95	95	95	95	95	95	95
Distribution Revenues per Avg. Monthly Customers	\$ 2,623.47	\$ 5,066.85	\$ 7,224.37	\$ 8,928.29	\$ 10,276.43	\$ 11,400.28	\$ 12,542.74	\$ 13,727.02	\$ 14,963.84	\$ 16,505.18	\$ 18,382.29	\$ 20,728.54	\$ 20,728.54

Super Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
SLVI-NNG Transport - CIP Exempt	22,015,968	20,504,705	17,895,277	14,119,468	11,344,403	9,292,300	9,302,589	9,671,621	10,121,204	12,655,785	15,732,816	19,333,450	171,989,586
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	92,467	86,120	75,160	59,302	47,646	39,028	39,071	40,621	42,509	53,154	66,078	81,200	722,356
SLVI NNG Transport - CIP Applicable	497,002	462,886	403,979	318,741	256,095	209,770	210,002	218,333	228,482	285,699	355,162	436,445	3,882,596
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	2,087	1,944	1,697	1,339	1,076	881	882	917	960	1,200	1,492	1,833	16,307
SLVJ NNG Transport	5,131,561	4,779,311	4,171,096	3,291,017	2,644,194	2,165,883	2,168,281	2,254,296	2,359,087	2,949,856	3,667,062	4,506,310	40,087,954
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	21,553	20,073	17,519	13,822	11,106	9,097	9,107	9,468	9,908	12,389	15,402	18,927	168,369
SLVI-Consolidated Transport CIP Exempt	5,587,537	5,203,986	4,541,727	3,583,445	2,879,150	2,358,337	2,360,948	2,454,606	2,568,708	3,211,972	3,992,906	4,906,728	43,650,050
Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	
Revenues	47,494	44,234	38,605	30,459	24,473	20,046	20,068	20,864	21,834	27,302	33,940	41,707	371,025
SLVI-Consolidated Transport CIP Applicable													-
Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	163,601	152,371	132,980	104,922	84,300	69,051	69,128	71,870	75,211	94,045	116,911	143,667	1,278,058

127,806

Super Large Volume Customers	25	26	25	25	26	25	25	25	25	25	25	26	303
Average Monthly Customers	25	26	25	25	25	25	25	25	25	25	25	25	25
Distribution Revenues per Avg. Monthly Customers	\$ 6,544.04	\$ 12,391.06	\$ 17,721.79	\$ 21,935.61	\$ 25,124.99	\$ 27,916.81	\$ 30,703.25	\$ 33,593.01	\$ 36,611.94	\$ 40,376.19	\$ 45,048.01	\$ 50,616.16	\$ 50,616.16

2016 - 2017 RATE CASE APPROVED DISTRIBUTION REVENUES LESS CCRC

Residential	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
NNG Residential	28,539,374	24,179,949	19,349,190	10,921,386	5,010,195	1,144,427	277,830	410,011	3,197,539	9,893,406	17,595,509	25,964,181	146,482,997	
Albert Lea Residential	1,648,967	1,395,680	1,115,766	629,219	288,413	65,852	15,991	23,550	183,349	566,741	1,007,005	1,484,559	8,425,092	
Consolidated Residential	4,631,979	3,954,556	3,247,135	1,978,641	1,054,775	338,927	114,246	168,338	723,326	1,791,908	2,945,545	4,201,125	25,150,501	
Residential Sales	34,820,320	29,530,185	23,712,091	13,529,246	6,353,383	1,549,206	408,067	601,899	4,104,214	12,252,055	21,548,059	31,649,865	180,058,590	
Rate (Less CCRC)	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	
Total Residential	7,433,790	6,304,399	5,062,294	2,888,359	1,356,384	330,740	87,118	128,499	876,209	2,615,691	4,600,295	6,756,930	38,440,708	3,844,071
Residential Customers	208,886	208,110	206,046	206,987	207,809	208,568	208,323	207,591	207,713	207,398	206,541	208,276	2,492,248	
Average Monthly Customers	208,886	208,498	207,681	207,507	207,568	207,734	207,818	207,790	207,781	207,743	207,634	207,687	207,687	
Distribution Revenues per Avg. Monthly Customers	\$ 35.59	\$ 65.89	\$ 90.53	\$ 104.52	\$ 111.02	\$ 112.53	\$ 112.90	\$ 113.54	\$ 117.76	\$ 130.37	\$ 152.59	\$ 185.09	\$ 185.09	
Small C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total	
NNG Small C&I	1,818,605	1,439,811	1,076,629	607,432	278,560	63,637	15,461	22,778	177,403	548,606	975,226	1,574,577	8,598,725	
Albert Lea Small C&I	82,352	69,661	56,264	27,862	11,047	1,969	1,138	925	3,289	12,065	32,080	147,324	445,976	
Consolidated Small C&I	528,243	441,658	362,277	220,549	117,456	37,736	12,703	18,703	80,294	198,799	327,279	466,454	2,812,151	
Small C&I Sales	2,429,200	1,951,130	1,495,170	855,843	407,063	103,342	29,302	42,406	260,986	759,470	1,334,585	2,188,355	11,856,852	
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	
Total Small C&I	468,787	376,529	288,538	165,161	78,555	19,943	5,655	8,184	50,365	146,563	257,548	422,309	2,288,135	228,814
Small C&I Customers	11,817	11,810	11,592	11,548	11,683	11,754	11,730	11,677	11,656	11,620	11,561	11,684	140,132	
Average Monthly Customers	11,817	11,814	11,740	11,692	11,690	11,701	11,705	11,701	11,696	11,689	11,677	11,678	11,678	
Distribution Revenues per Avg. Monthly Customers	\$ 39.67	\$ 71.55	\$ 96.58	\$ 111.10	\$ 117.84	\$ 119.44	\$ 119.88	\$ 120.62	\$ 124.98	\$ 137.59	\$ 159.79	\$ 195.94	\$ 195.94	
Large C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total	
NNG Large C&I	12,065,472	11,231,080	9,514,636	6,336,549	3,823,176	1,868,284	1,109,839	894,171	1,758,716	4,071,111	6,998,097	10,304,382	69,975,513	
Albert Lea Large C&I	752,164	639,663	514,700	302,603	150,957	50,022	26,207	30,156	106,781	287,511	485,114	605,915	3,951,793	
Consolidated Large C&I	3,819,821	3,405,981	2,805,346	1,860,726	1,138,182	591,242	477,385	474,027	666,985	1,279,300	2,101,381	3,182,039	21,802,415	
Large C&I Sales	16,637,457	15,276,724	12,834,682	8,499,878	5,112,315	2,509,548	1,613,431	1,398,354	2,532,482	5,637,922	9,584,592	14,092,336	95,729,721	
Rate (Less CCRC)	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	
Total Large C&I	2,348,876	2,156,768	1,812,000	1,200,013	721,757	354,298	227,784	197,420	357,536	795,962	1,353,153	1,989,556	13,515,122	1,351,512
Large C&I Customers	11,246	11,178	11,012	11,147	11,073	11,116	11,106	11,071	11,032	11,015	10,995	11,073	133,064	
Average Monthly Customers	11,246	11,212	11,145	11,146	11,131	11,129	11,125	11,119	11,109	11,100	11,090	11,089	11,089	
Distribution Revenues per Avg. Monthly Customers	\$ 208.86	\$ 401.86	\$ 566.86	\$ 674.47	\$ 740.22	\$ 772.19	\$ 792.94	\$ 811.13	\$ 844.04	\$ 916.43	\$ 1,039.28	\$ 1,218.79	\$ 1,218.82	
Small Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total	
SVI - NNG	2,096,214	1,767,898	1,655,839	1,573,475	1,483,224	1,327,955	1,204,887	1,184,197	1,296,102	1,365,370	1,294,961	1,341,502	17,591,624	
SVJ - NNG	24,053	22,983	20,639	15,384	10,732	6,997	5,342	4,688	5,995	9,842	14,886	20,731	162,272	
SVI - Albert Lea	315,679	333,870	288,192	217,014	123,984	77,841	55,965	56,020	68,749	105,692	200,722	257,136	2,100,864	
SVI - Consolidated	571,026	606,237	570,504	335,170	238,883	168,478	54,649	46,318	49,436	33,335	170,894	383,668	3,228,598	
SVJ - Consolidated	41,903	41,251	38,045	29,189	20,419	12,070	7,427	5,369	7,703	14,590	23,745	34,471	276,182	
Total Small Volume	3,048,875	2,772,239	2,573,219	2,170,232	1,877,242	1,593,341	1,328,270	1,296,592	1,427,985	1,528,829	1,705,208	2,037,508	23,359,540	
Rate (Less CCRC)	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	
Total Small Volume Revenues	212,598	193,308	179,431	151,330	130,900	111,104	92,620	90,411	99,573	106,605	118,904	142,075	1,628,861	162,886
Small Volume Int & Joint Customers	442	447	442	439	430	416	436	441	433	438	434	439	5,237	
Average Monthly Customers	442	445	444	443	440	436	436	437	436	436	436	436	436	
Distribution Revenues per Avg. Monthly Customers	\$ 480.99	\$ 912.15	\$ 1,318.33	\$ 1,662.91	\$ 1,971.74	\$ 2,244.66	\$ 2,457.09	\$ 2,658.36	\$ 2,892.83	\$ 3,137.34	\$ 3,410.06	\$ 3,735.92	\$ 3,732.32	
Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total	

FLEX Revenues	2,223	2,229	2,119	2,073	2,304	1,961	1,908	1,753	2,048	2,278	2,389	2,144	25,428
LVI-1 TP Transport Flex Customer G	300,650	285,174	287,548	229,272	206,885	150,020	127,503	142,540	137,006	154,324	143,112	210,200	2,374,234
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552
FLEX Revenues	1,660	1,574	1,587	1,266	1,142	828	704	787	756	852	790	1,160	13,106
Total Large Volume Transport Revenues	259,450	253,273	254,521	224,110	249,134	184,815	207,050	214,380	214,588	228,009	224,938	205,630	2,719,898
Large Volume Transport Customers	95	95	95	95	95	94	94	94	94	94	95	96	1,136
Average Monthly Customers	95	95	95	95	95	95	95	95	95	95	95	95	95
Distribution Revenues per Avg. Monthly Customers	\$ 2,731.05	\$ 5,397.08	\$ 8,076.25	\$ 10,435.31	\$ 13,057.77	\$ 15,003.20	\$ 17,182.67	\$ 19,439.29	\$ 21,698.11	\$ 24,098.21	\$ 26,465.98	\$ 28,630.50	\$ 28,730.30
Super Large Volume Interruptible & Joint													
SLVI-NNG Transport - CIP Exempt	17,978,088	18,739,842	17,336,125	18,318,199	16,605,565	15,944,854	15,857,143	17,171,173	16,384,485	18,584,389	18,458,531	19,291,912	210,670,306
Rate	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Revenues	80,542	83,954	77,666	82,066	74,393	71,433	71,040	76,927	73,402	83,258	82,694	86,428	943,803
SLVI NNG Transport - CIP Applicable	27,933	36,099	27,589	23,924	11,688	78,209	70,719	69,796	108,252	2,076	39,026	115,769	611,080
Rate	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Revenues	125	162	124	107	52	350	317	313	485	9	175	519	2,738
SLVJ NNG Transport	4,396,503	4,695,584	2,657,509	1,242,776	730,667	829,400	1,358,597	1,073,911	1,049,880	684,754	1,556,014	2,317,498	22,593,093
Rate	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Revenues	19,696	21,036	11,906	5,568	3,273	3,716	6,087	4,811	4,703	3,068	6,971	10,382	101,217
SLVJ-Consolidated Transport CIP Exempt	4,758,561	4,511,555	3,891,055	3,361,929	2,902,229	3,561,844	3,132,518	3,155,494	3,149,536	2,731,976	3,261,624	2,886,317	41,304,638
Rate	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873
Revenues	41,542	39,386	33,969	29,350	25,336	31,095	27,347	27,547	27,495	23,850	28,474	25,198	360,589
SLVI-Consolidated Transport CIP Applicable													-
Rate	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	-
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	141,906	144,538	123,664	117,090	103,055	106,594	104,790	109,598	106,086	110,185	118,314	122,526	1,408,347
Super Large Volume Customers	25	25	25	25	25	24	24	24	24	24	25	25	295
Average Monthly Customers	25	25	25	25	25	25	25	25	25	25	25	25	25
Distribution Revenues per Avg. Monthly Customers	\$ 5,676.22	\$ 11,457.75	\$ 16,404.31	\$ 21,087.91	\$ 25,210.12	\$ 29,473.88	\$ 33,665.48	\$ 38,049.41	\$ 42,292.86	\$ 46,700.27	\$ 51,432.83	\$ 56,333.89	\$ 57,296.47
Total MN Sales	99,464,460	92,336,079	79,241,188	61,263,645	48,394,515	37,093,071	35,825,002	37,193,939	41,242,426	55,074,969	71,041,466	87,412,944	745,583,704
Total MN Fixed Charge Counts	232,643	231,794	229,340	230,370	231,252	232,100	231,845	231,034	231,084	230,721	229,782	231,728	2,773,693

271,990

140,835

2018 RATE CASE APPROVED DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
Residential														
Sales	34,736,929	29,052,138	23,601,990	13,810,847	7,148,538	2,564,048	1,505,950	1,773,763	4,813,370	12,714,202	20,918,587	31,143,486	183,783,848	
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733		
Distribution Revenue	\$ 7,549,377	\$ 6,313,901	\$ 5,129,420	\$ 3,001,511	\$ 1,553,592	\$ 557,245	\$ 327,288	\$ 385,492	\$ 1,046,090	\$ 2,763,178	\$ 4,546,237	\$ 6,768,414	\$ 39,941,744	3,994,174
Customers	213,938	211,355	209,396	207,853	210,700	211,219	210,824	210,116	209,762	209,814	208,760	210,234	2,523,971	
Average Monthly Customers	213,938	212,647	211,563	210,636	210,648	210,744	210,755	210,675	210,574	210,498	210,340	210,331	210,331	
Distribution Revenues per Avg. Monthly Customers	\$ 35.29	\$ 65.19	\$ 89.77	\$ 104.42	\$ 111.79	\$ 114.38	\$ 115.93	\$ 117.80	\$ 122.83	\$ 136.00	\$ 157.71	\$ 189.90	\$ 189.90	
Firm Class 1														
Sales	1,874,505	1,605,813	1,199,594	630,490	309,957	83,698	26,896	41,903	194,958	579,316	973,042	1,569,497	9,089,669	
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298		
Distribution Revenue	\$ 361,742	\$ 309,890	\$ 231,498	\$ 121,672	\$ 59,816	\$ 16,152	\$ 5,190	\$ 8,086	\$ 37,623	\$ 111,796	\$ 187,778	\$ 302,882	\$ 1,754,124	175,412
Customers	9,199	9,166	9,051	8,701	9,105	9,159	9,174	9,149	9,118	9,119	9,059	9,159	109,159	
Average Monthly Customers	9,199	9,183	9,139	9,029	9,044	9,064	9,079	9,088	9,091	9,094	9,091	9,097	9,097	
Distribution Revenues per Avg. Monthly Customers	\$ 39.32	\$ 73.14	\$ 98.82	\$ 113.50	\$ 119.93	\$ 121.44	\$ 121.82	\$ 122.58	\$ 126.68	\$ 138.93	\$ 159.64	\$ 192.82	\$ 192.83	
Firm Class 2														
Sales	15,510,488	13,270,267	10,958,001	6,868,579	4,085,347	2,173,497	1,760,721	1,818,554	2,871,134	5,993,979	9,378,954	13,740,734	88,430,255	
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904		
Distribution Revenue	\$ 2,156,578	\$ 1,845,098	\$ 1,523,600	\$ 955,007	\$ 568,027	\$ 302,203	\$ 244,811	\$ 252,852	\$ 399,203	\$ 833,403	\$ 1,304,050	\$ 1,910,512	\$ 12,295,343	1,229,534
Customers	13,361	13,194	12,988	13,421	12,976	12,987	13,003	12,953	12,819	12,835	12,722	12,764	156,024	
Average Monthly Customers	13,361	13,277	13,181	13,241	13,188	13,155	13,133	13,111	13,078	13,054	13,024	13,002	13,002	
Distribution Revenues per Avg. Monthly Customers	\$ 161.41	\$ 301.40	\$ 419.18	\$ 489.41	\$ 534.45	\$ 558.76	\$ 578.34	\$ 598.59	\$ 630.63	\$ 695.63	\$ 797.36	\$ 945.65	\$ 945.65	
Firm Class 3														
Sales	695,121	594,723	491,096	307,824	183,090	97,408	78,909	81,501	128,673	268,627	420,329	615,807	3,963,107	
Rate (Less CCRC)	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500		
Distribution Revenue	\$ 66,036	\$ 56,499	\$ 46,654	\$ 29,243	\$ 17,394	\$ 9,254	\$ 7,496	\$ 7,743	\$ 12,224	\$ 25,520	\$ 39,931	\$ 58,502	\$ 376,495	37,650
Customers	24	24	24	24	24	24	24	24	23	23	23	23	284	
Average Monthly Customers	24	24	24	24	24	24	24	24	24	24	24	24	24	
Distribution Revenues per Avg. Monthly Customers	\$ 2,715.40	\$ 5,105.63	\$ 7,049.55	\$ 8,268.02	\$ 8,992.75	\$ 9,378.32	\$ 9,690.67	\$ 10,013.28	\$ 10,522.61	\$ 11,585.93	\$ 13,249.73	\$ 15,687.30	\$ 15,687.30	
Agricultural Grain Dryer Class 1														
Sales	34,984	31,420	29,298	16,939	15,265	9,611	8,803	7,750	9,642	13,878	20,545	29,917	228,052	
Rate (Less CCRC)	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000		
Distribution Revenue	\$ 3,498	\$ 3,142	\$ 2,930	\$ 1,694	\$ 1,527	\$ 961	\$ 880	\$ 775	\$ 964	\$ 1,388	\$ 2,055	\$ 2,992	\$ 22,805	2,281
Customers	31	31	31	31	31	30	31	31	31	31	30	30	368	
Average Monthly Customers	31	31	31	31	31	31	31	31	31	31	31	31	31	
Distribution Revenues per Avg. Monthly Customers	\$ 112.16	\$ 214.21	\$ 308.71	\$ 363.36	\$ 412.60	\$ 443.60	\$ 472.00	\$ 497.00	\$ 528.10	\$ 572.87	\$ 639.15	\$ 735.65	\$ 735.65	
Agricultural Grain Dryer Class 2														
Sales	266,518	239,600	220,205	158,751	132,757	108,181	104,987	100,955	115,507	157,892	178,029	241,112	2,024,493	
Rate (Less CCRC)	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197		
Distribution Revenue	\$ 13,851	\$ 12,452	\$ 11,444	\$ 8,250	\$ 6,899	\$ 5,622	\$ 5,456	\$ 5,247	\$ 6,003	\$ 8,206	\$ 9,252	\$ 12,531	\$ 105,213	10,521
Customers	40	40	39	40	40	40	40	40	41	40	40	39	480	
Average Monthly Customers	40	40	40	40	40	40	40	40	40	40	40	40	40	
Distribution Revenues per Avg. Monthly Customers	\$ 343.58	\$ 657.57	\$ 943.67	\$ 1,149.93	\$ 1,322.42	\$ 1,462.97	\$ 1,599.37	\$ 1,730.54	\$ 1,880.61	\$ 2,085.75	\$ 2,317.06	\$ 2,630.32	\$ 2,630.32	

	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
Agricultural Grain Dryer Class 3														
Sales	172,841	154,773	136,952	133,944	100,242	104,901	105,937	108,282	118,142	158,091	138,854	171,125	1,604,084	
Rate (Less CCRC)	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907		
Distribution Revenue	\$ 5,024	\$ 4,499	\$ 3,981	\$ 3,894	\$ 2,914	\$ 3,049	\$ 3,080	\$ 3,148	\$ 3,434	\$ 4,596	\$ 4,036	\$ 4,975	46,631	4,663
Customers	1	1	1	1	1	1	1	1	1	1	1	1	12	
Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1	1	1	
Distribution Revenues per Avg. Monthly Customers	\$ 5,156.40	\$ 9,523.72	\$ 13,504.91	\$ 17,398.67	\$ 20,312.70	\$ 23,362.17	\$ 26,441.77	\$ 29,589.52	\$ 33,023.91	\$ 37,619.62	\$ 41,656.12	\$ 46,630.72	\$ 46,630.72	
Power Generation Class 1														
Sales	17,602	15,762	13,947	13,641	10,209	10,683	10,789	11,027	12,032	16,100	14,141	17,427	163,361	
Rate (Less CCRC)	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000		
Distribution Revenue	\$ 1,232	\$ 1,103	\$ 976	\$ 955	\$ 715	\$ 748	\$ 755	\$ 772	\$ 842	\$ 1,127	\$ 990	\$ 1,220	11,435	1,144
Customers	7	7	7	7	7	7	7	7	7	7	7	7	84	
Average Monthly Customers	7	7	7	7	7	7	7	7	7	7	7	7	7	
Distribution Revenues per Avg. Monthly Customers	\$ 176.02	\$ 333.64	\$ 473.12	\$ 609.53	\$ 711.61	\$ 818.44	\$ 926.33	\$ 1,036.61	\$ 1,156.92	\$ 1,317.92	\$ 1,459.34	\$ 1,633.61	\$ 1,633.61	
Power Generation Class 2														
Sales	1,634,207	2,694,551	2,755,669	3,451,281	4,150,587	2,447,636	4,361,678	4,401,772	6,566,812	2,859,091	2,809,288	2,093,146	40,225,718	
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448		
Distribution Revenue	\$ 7,321	\$ 12,072	\$ 12,345	\$ 15,462	\$ 18,595	\$ 10,965	\$ 19,540	\$ 19,720	\$ 29,419	\$ 12,809	\$ 12,586	\$ 9,377	180,211	18,021
Customers	2	2	2	2	2	2	2	2	2	2	2	2	24	
Average Monthly Customers	2	2	2	2	2	2	2	2	2	2	2	2	2	
Distribution Revenues per Avg. Monthly Customers	\$ 3,660.62	\$ 9,696.42	\$ 15,869.12	\$ 23,599.99	\$ 32,897.30	\$ 38,380.01	\$ 48,150.16	\$ 58,010.13	\$ 72,719.79	\$ 79,124.16	\$ 85,416.96	\$ 90,105.61	\$ 90,105.61	
Interruptible Class 2														
Sales	2,574,064	2,321,120	2,194,102	1,176,809	1,119,479	645,245	578,659	482,687	618,364	884,407	1,450,324	2,158,940	16,204,200	
Rate (Less CCRC)	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500		
Distribution Revenue	\$ 193,055	\$ 174,084	\$ 164,558	\$ 88,261	\$ 83,961	\$ 48,393	\$ 43,399	\$ 36,202	\$ 46,377	\$ 66,331	\$ 108,774	\$ 161,921	1,215,315	121,532
Customers	375	374	376	371	367	344	359	372	355	362	361	366	4,382	
Average Monthly Customers	375	375	375	374	373	368	367	367	366	366	365	365	365	
Distribution Revenues per Avg. Monthly Customers	\$ 514.81	\$ 979.04	\$ 1,417.86	\$ 1,657.64	\$ 1,887.18	\$ 2,044.32	\$ 2,168.15	\$ 2,266.79	\$ 2,399.70	\$ 2,580.93	\$ 2,886.01	\$ 3,329.63	\$ 3,329.63	
Interruptible Class 3														
Sales	8,496,481	7,621,876	6,862,339	5,895,747	4,613,310	4,384,666	4,366,556	4,371,606	4,846,913	6,533,811	6,305,825	8,084,154	72,383,283	
Rate (Less CCRC)	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500		
Distribution Revenue	\$ 552,271	\$ 495,422	\$ 446,052	\$ 383,224	\$ 299,865	\$ 285,003	\$ 283,826	\$ 284,154	\$ 315,049	\$ 424,698	\$ 409,879	\$ 525,470	4,704,913	470,491
Customers	165	164	159	165	163	166	169	161	170	168	166	162	1,978	
Average Monthly Customers	165	164	163	163	163	164	165	164	165	165	165	165	165	
Distribution Revenues per Avg. Monthly Customers	\$ 3,349.81	\$ 6,388.37	\$ 9,164.08	\$ 11,515.15	\$ 13,354.81	\$ 15,011.20	\$ 16,640.38	\$ 18,474.50	\$ 20,271.92	\$ 22,845.85	\$ 25,329.96	\$ 28,514.63	\$ 28,514.63	
Interruptible Class 4														
Sales	2,548,267	2,277,917	3,080,573	2,119,073	1,432,510	1,444,919	1,537,597	1,546,878	2,008,319	2,226,688	1,999,849	2,486,089	24,708,678	
Rate (Less CCRC)	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870		
Distribution Revenue	\$ 47,653	\$ 42,597	\$ 57,607	\$ 39,627	\$ 26,788	\$ 27,020	\$ 28,753	\$ 28,927	\$ 37,556	\$ 41,639	\$ 37,397	\$ 46,490	462,052	46,205
Customers	17	17	16	17	17	18	18	16	18	18	17	17	205	
Average Monthly Customers	17	17	17	17	17	17	17	17	17	17	17	17	17	
Distribution Revenues per Avg. Monthly Customers	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24	

Interruptible Class 5	January	February	March	April	May	June	July	August	September	October	November	December	Total	10% Cap
Sales	26,961,159	26,642,642	25,575,571	23,868,913	20,307,895	21,087,098	20,421,665	20,855,229	23,028,606	26,320,883	26,992,601	29,051,843	291,114,105	
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448		
Distribution Revenue	\$ 120,786	\$ 119,359	\$ 114,579	\$ 106,933	\$ 90,979	\$ 94,470	\$ 91,489	\$ 93,431	\$ 103,168	\$ 117,918	\$ 120,927	\$ 130,152	1,304,191	130,419
Customers	21	22	22	21	24	22	22	21	23	22	23	22	265	
Average Monthly Customers	21	22	22	22	22	22	22	22	22	22	22	22	22	
Distribution Revenues per Avg. Monthly Customers	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42	

2009 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential	32,186,554	23,697,432	16,596,603	9,373,660	2,341,103	644,211	2,150,220	2,325,863	2,486,245	5,888,166	13,506,202	16,463,786	127,660,045				
GS-1 Residential	805,389	664,656	504,495	214,383	92,784	25,092	11,471	39,182	45,637	141,219	399,894	412,641	3,356,843				
GS-4 Residential	1,051,898	790,302	670,698	287,143	134,062	4,178	16,517	29,031	48,202	163,931	516,204	588,917	4,321,313				
Total PNG Residential	34,043,541	25,152,390	17,771,999	9,875,186	2,567,949	673,481	2,178,238	2,394,076	2,580,684	6,213,319	14,422,390	17,465,344	135,338,201				
PNG Rate (Less CCRC)	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794				
PNG Revenues	5,717,323	4,224,092	2,984,629	1,658,439	431,261	113,104	365,813	402,061	433,299	1,043,464	2,422,081	2,933,130	22,728,697				
GS-NMU Residential	7,648,103	5,776,698	4,265,885	2,532,206	1,020,340	386,598	108,827	333,507	427,116	1,417,093	3,669,599	4,313,842	31,899,812				
NMU Rate (Less CCRC)	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797				
NMU Revenues	1,590,576	1,201,360	897,176	526,623	212,200	80,400	22,633	69,359	88,627	294,713	763,167	897,150	6,634,204				
Total Residential	7,307,899	5,425,472	3,871,805	2,185,062	643,461	193,505	388,446	471,421	522,127	1,338,177	3,185,248	3,830,280	29,362,901				
Residential Customers	190,196	185,638	186,200	187,025	186,748	186,504	187,392	186,007	186,461	186,222	185,733	187,745	2,241,870				
Average Monthly Customers	190,196	187,917	187,345	187,265	187,161	187,052	187,100	186,964	186,908	186,839	186,739	186,823	186,823		448	895	1,343
Distribution Revenues per Avg. Monthly Customer	\$ 38.42	\$ 67.76	\$ 88.63	\$ 100.34	\$ 103.63	\$ 104.93	\$ 106.98	\$ 109.58	\$ 112.40	\$ 119.61	\$ 136.73	\$ 157.17	\$ 157.17				
Forecasted Rev per Avg Monthly Customer	\$ 26.49	\$ 59.13	\$ 87.61	\$ 95.09	\$ 98.61	\$ 100.55	\$ 101.97	\$ 104.77	\$ 107.50	\$ 115.06	\$ 128.29	\$ 157.82	\$ 157.82				
Under/(Over) Collection	(2,208,130)	(1,597,993)	(189,113)	(972,995)	(967,337)	(811,828)	(927,705)	(892,149)	(909,096)	(843,550)	(1,566,929)	121,396	\$ 0.00073	\$			0.98
10%Cap	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	2,930,228	\$ 0.00073	\$	0.33	\$	0.85
RDW Recoveries/(Refunds)	(2,208,130)	(1,597,993)	(189,113)	(972,995)	(967,337)	(811,828)	(927,705)	(892,149)	(909,096)	(843,550)	(1,566,929)	121,396	\$ 0.00073	\$	0.33	\$	0.85
PNG Weather Normalization Adjustment	-4,168,238	279,868	378,284	409,107	234,354	0	0	0	0	-1,123,936	5,821,540	-2,122,140	(291,161)				
PNG Rate (Less CCRC)	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794				
PNG Revenue Adjustment	(700,014)	47,001	63,529	68,705	39,357	-	-	-	-	(188,754)	977,669	(356,302)	(48,898)				
NMU Weather Normalization Adjustment	-742,217	-61,349	-118,671	-62,108	-130,022	-	0	0	0	-106,974	1,010,332	-251,482	(462,492)				
NMU Rate (Less CCRC)	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797				
NMU Revenue Adjustment	(154,359)	(12,759)	(24,860)	(12,917)	(27,041)	-	-	-	-	(22,247)	210,119	(52,301)	(96,184)				
Total Adjusted Revenues	6,453,526	5,459,715	3,910,654	2,240,851	655,778	193,505	388,446	471,421	522,127	1,127,176	4,373,036	3,421,587	29,219,819				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 33.93	\$ 63.40	\$ 84.46	\$ 96.47	\$ 100.02	\$ 101.12	\$ 103.17	\$ 105.76	\$ 108.59	\$ 114.66	\$ 138.14	\$ 156.39	\$ 156.39				
Under/(Over) Collection	(1,377,107)	(790,340)	582,885	(255,582)	(261,484)	(105,331)	(221,161)	(184,857)	(201,361)	74,214	(1,828,937)	265,579	\$ 0.00159	\$			2.14
10%Cap	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	(2,930,228)	2,930,228	\$ 0.00159	\$	0.71	\$	1.42
RDW Recoveries/(Refunds)	(1,377,107)	(790,340)	582,885	(255,582)	(261,484)	(105,331)	(221,161)	(184,857)	(201,361)	74,214	(1,828,937)	265,579	\$ 0.00159	\$	0.71	\$	1.42
Small C&I	1,799,236	1,385,124	859,884	10,051	208,084	-40,041	74,085	76,333	65,688	171,448	580,885	749,886	5,900,823				
GS-1 C&I 0 - 1,500 CCF	71,346	59,827	35,624	12,412	5,505	2,682	3,405	4,535	4,092	11,598	24,055	33,862	287,943				
GS-5 C&I 0 - 1,500 CCF	120,090	94,792	57,819	35,190	7,818	4,675	6,277	3,643	8,466	18,366	53,491	57,507	467,934				
Total PNG Small C&I	1,950,734	1,538,743	953,327	57,653	221,207	(32,684)	83,767	84,511	78,246	201,410	658,431	841,355	6,636,700				
PNG Rate (Less CCRC)	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370				
PNG Revenues	280,320	221,117	136,993	8,285	31,787	(4,697)	12,037	12,144	11,244	28,943	94,617	120,903	953,694				
GS-NMU C&I 0 - 1,500 CCF	732,885	176,364	424,746	213,365	47,085	8,462	20,607	37,791	64,450	30,151	325,297	353,674	2,434,877				
NMU Rate (Less CCRC)	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602				
NMU Revenues	129,002	31,044	74,764	37,557	8,288	1,489	3,627	6,652	11,344	5,307	57,259	62,254	428,587				
Total Small C&I	409,323	252,161	211,757	45,841	40,075	(3,207)	15,665	18,796	22,588	34,250	151,875	183,156	1,382,281				
Small C&I Customers	9,315	9,005	9,055	9,092	9,080	9,038	9,095	9,876	9,846	9,834	9,816	9,057	108,590				
Average Monthly Customers	9,315	9,200	9,152	9,117	9,125	9,111	9,109	9,092	9,076	9,062	9,048	9,049	9,049		501	1,002	1,504
Distribution Revenues per Avg. Monthly Customer	\$ 43.94	\$ 71.90	\$ 95.42	\$ 100.59	\$ 105.11	\$ 104.92	\$ 106.67	\$ 108.93	\$ 111.62	\$ 115.57	\$ 132.52	\$ 152.75	\$ 152.75				
Forecasted Rev per Avg Monthly Customer	\$ 29.07	\$ 64.05	\$ 91.87	\$ 92.38	\$ 94.47	\$ 98.83	\$ 97.18	\$ 95.92	\$ 100.51	\$ 98.09	\$ 110.67	\$ 138.17	\$ 138.17				
Under/(Over) Collection	(136,413)	(72,006)	(32,614)	(75,398)	(97,870)	(46,814)	(87,217)	(119,574)	(102,072)	(160,707)	(200,980)	(134,152)	\$ (0.01613)	\$			(24.26)
10%Cap	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	\$ (0.01528)	\$	(7.66)	\$	(15.32)
RDW Recoveries/(Refunds)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	\$ (0.01528)	\$	(7.66)	\$	(15.32)
PNG Weather Normalization Adjustment	-235,268	18,300	17,314	671	14,724	0	0	0	3,279	-26,790	258,898	-107,032	(55,905)				
PNG Rate (Less CCRC)	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370				
PNG Revenue Adjustment	(33,808)	2,630	2,488	96	2,116	-	-	-	471	(3,850)	37,204	(15,380)	(8,034)				
NMU Weather Normalization Adjustment	-75,484	-6,299	-13,187	-6,296	-10,481	0	0	0	0	-3,142	105,239	-22,954	(31,603)				
NMU Rate (Less CCRC)	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602				
NMU Revenue Adjustment	(13,287)	(933)	(2,321)	(1,108)	(1,845)	-	-	-	-	(553)	18,524	(4,040)	(5,653)				
Total Adjusted Revenues	362,228	253,858	211,924	44,829	40,346	(3,207)	15,665	18,796	23,060	29,847	207,603	163,736	1,368,685				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 38.89	\$ 66.97	\$ 90.48	\$ 95.53	\$ 100.07	\$ 99.88	\$ 101.62	\$ 103.88	\$ 106.60	\$ 110.06	\$ 133.17	\$ 151.25	\$ 151.25				
Under/(Over) Collection	(90,049)	(26,740)	12,736	(29,945)	(51,419)	(476)	(40,854)	(73,114)	(55,994)	(110,077)	(206,900)	(120,361)	\$ (0.01447)	\$			(21.76)
10%Cap	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	\$ (0.01447)	\$	(7.25)	\$	(14.51)
RDW Recoveries/(Refunds)	(90,049)	(26,740)	12,736	(29,945)	(51,419)	(476)	(40,854)	(73,114)	(55,994)	(110,077)	(206,900)	(120,361)	\$ (0.01447)	\$	(7.25)	\$	(14.51)

2010 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential																	
GS-1 Residential	32,696,306	21,623,714	16,508,220	4,626,683	1,164,115	2,568,761	1,292,642	2,191,946	2,355,598	3,966,056	9,086,215	24,401,897	122,482,153				
GS-4 Residential	827,525	544,282	440,345	143,514	38,577	38,155	7,703	30,988	48,441	118,845	240,948	683,012	3,162,335				
GS-5 Residential	1,059,173	662,986	588,611	150,797	38,186	33,698	-14,713	23,971	133,853	138,470	327,205	861,888	4,004,125				
Total PNG Residential	34,583,004	22,830,982	17,537,176	4,920,994	1,240,878	2,640,614	1,285,632	2,246,905	2,537,892	4,223,371	9,654,368	25,946,797	129,648,613				
PNG Rate (Less CCRC)	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794				
PNG Revenues	5,807,870	3,834,235	2,945,193	826,432	208,393	443,465	215,909	377,345	426,214	709,273	1,621,355	4,357,505	21,773,188				
GS-NMU Residential																	
GS-NMU Residential	7,499,969	4,910,457	3,791,733	1,478,370	626,405	301,297	95,312	258,647	565,664	1,299,603	2,562,414	6,088,069	29,477,940				
NMU Rate (Less CCRC)	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797				
NMU Revenues	1,559,769	1,021,228	788,567	307,457	130,273	62,661	19,822	53,791	117,641	270,278	532,905	1,266,136	6,130,527				
Total Residential	7,367,638	4,855,463	3,733,760	1,133,888	338,666	506,125	235,731	431,136	543,855	979,551	2,154,260	5,623,641	27,903,715				
Residential Customers	191,763	186,904	184,629	190,755	187,679	188,100	188,325	187,274	187,196	187,037	186,299	189,695	2,255,655			Therms	
Average Monthly Customers	191,763	189,334	187,765	188,513	188,346	188,305	188,308	188,179	188,069	187,966	187,815	187,971	187,971		423	846.55	1,270
Distribution Revenues per Avg. Monthly Customers	\$ 38.42	\$ 64.56	\$ 84.98	\$ 90.66	\$ 92.54	\$ 95.25	\$ 96.50	\$ 98.86	\$ 101.80	\$ 107.07	\$ 118.63	\$ 148.45	\$ 148.45				
Forecasted Rev per Avg Monthly Customer	\$ 26.49	\$ 59.13	\$ 87.61	\$ 95.09	\$ 98.61	\$ 100.55	\$ 101.97	\$ 104.77	\$ 107.50	\$ 115.06	\$ 128.29	\$ 157.82	\$ 157.82				
Under/(Over) Collection	(2,207,662)	(1,005,425)	486,836	819,448	1,124,858	982,222	1,014,938	1,096,061	1,056,971	1,482,411	1,792,705	1,741,008	1,741,008	\$ 0.01043		4.41	\$ 8.83
10%Cap	(2,930,228)	(2,930,228)	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228				
RDM Recoveries/(Refunds)	(2,207,662)	(1,005,425)	486,836	819,448	1,124,858	982,222	1,014,938	1,096,061	1,056,971	1,482,411	1,792,705	1,741,008	1,741,008	\$ 0.01043		4.41	\$ 8.83
PNG Weather Normalization Adjustment	-2,765,643	-1,628,544	4,507,546	0	60,822	0	0	0	-78,530	1,243,259	430,247	-2,554,324	(785,167)				
PNG Rate (Less CCRC)	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794	0.16794				
PNG Revenue Adjustment	(464,462)	(273,498)	756,997	-	10,214	-	-	-	(13,188)	208,793	72,256	(428,973)	(131,861)				
NMU Weather Normalization Adjustment	-19,896	-161,451	1,108,698	303,258	15,582	0	0	0	-25,849	220,003	86,249	-339,809	1,186,786				
NMU Rate (Less CCRC)	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797	0.20797				
NMU Revenue Adjustment	(4,138)	(33,577)	230,576	63,069	3,241	-	-	-	(5,376)	45,754	17,937	(70,670)	246,816				
Total Adjusted Revenues	6,899,038	4,548,388	4,721,333	1,196,957	352,121	506,125	235,731	431,136	525,291	1,234,098	2,244,453	5,123,998	28,018,670				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 35.98	\$ 60.46	\$ 86.11	\$ 92.12	\$ 94.07	\$ 96.78	\$ 98.03	\$ 100.39	\$ 103.24	\$ 109.86	\$ 121.90	\$ 149.06	\$ 149.06			Annual Revenue Surcharge/(Credit)	
Under/(Over) Collection	(1,755,594)	(247,267)	277,924	549,343	841,193	698,402	731,030	811,865	790,826	964,767	1,185,342	1,627,464	1,627,464	\$ 0.00975		4.12	\$ 8.25
10%Cap	(2,930,228)	(2,930,228)	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228	2,930,228				
RDM Recoveries/(Refunds)	(1,755,594)	(247,267)	277,924	549,343	841,193	698,402	731,030	811,865	790,826	964,767	1,185,342	1,627,464	1,627,464	\$ 0.00975		4.12	\$ 8.25
Small C&I																	
GS-1 C&I 0 - 1,500 CCF	1,872,039	1,059,900	827,091	111,331	-113,187	58,890	21,350	59,083	67,293	108,470	281,573	1,213,318	5,567,151				
GS-4 C&I 0 - 1,500 CCF	70,350	43,461	37,223	4,342	2,739	2,888	3,216	3,170	3,680	5,121	14,878	58,571	249,639				
GS-5 C&I 0 - 1,500 CCF	224,091	128,487	109,501	18,171	2,086	6,738	-4,807	24,190	-22,276	32,198	35,000	78,187	631,566				
Total PNG Small C&I	2,166,480	1,231,848	973,815	133,844	(108,362)	68,516	19,759	86,443	48,697	145,789	331,451	1,350,076	6,448,356				
PNG Rate (Less CCRC)	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370				
PNG Revenues	311,323	177,017	139,937	19,233	(15,572)	9,846	2,839	12,422	6,998	20,950	47,630	194,006	926,629				
GS-NMU C&I 0 - 1,500 CCF																	
GS-NMU C&I 0 - 1,500 CCF	703,351	440,246	327,837	71,632	-10,199	5,600	4,578	19,273	23,510	50,064	124,119	398,517	2,158,528				
NMU Rate (Less CCRC)	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602				
NMU Revenues	123,804	77,492	57,706	12,609	(1,795)	986	806	3,392	4,138	8,812	21,847	70,147	379,944				
Total Small C&I	435,127	254,509	197,643	31,842	(17,367)	10,831	3,645	15,814	11,136	29,762	69,477	264,153	1,306,573				
Small C&I Customers	9,501	9,202	9,104	9,323	9,817	9,868	9,880	9,735	9,711	9,724	9,644	9,800	115,308			Therms	
Average Monthly Customers	9,501	9,352	9,269	9,283	9,389	9,469	9,528	9,554	9,571	9,587	9,592	9,609	9,609		448	896	1,344
Distribution Revenues per Avg. Monthly Customers	\$ 45.80	\$ 73.75	\$ 95.72	\$ 99.02	\$ 96.04	\$ 96.37	\$ 96.16	\$ 97.56	\$ 98.54	\$ 101.49	\$ 108.68	\$ 135.97	\$ 135.97				
Forecasted Rev per Avg Monthly Customer	\$ 29.07	\$ 64.05	\$ 91.87	\$ 92.38	\$ 94.47	\$ 99.83	\$ 97.18	\$ 95.92	\$ 100.51	\$ 98.09	\$ 110.67	\$ 138.17	\$ 138.17				
Under/(Over) Collection	(153,453)	(88,932)	(35,411)	(60,932)	(14,409)	31,705	9,310	(15,053)	18,087	(31,268)	18,292	20,167	20,167	\$ 0.00242		1.09	\$ 2.17
10%Cap	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	127,093	127,093	(127,093)	127,093	(127,093)	127,093	127,093	127,093				
RDM Recoveries/(Refunds)	(127,093)	(88,932)	(35,411)	(60,932)	(14,409)	31,705	9,310	(15,053)	18,087	(31,268)	18,292	20,167	20,167	\$ 0.00242		1.09	\$ 2.17
PNG Weather Normalization Adjustment	-168,573	-81,766	232,509	12,467	0	0	0	0	0	15,236	10,831	-128,718	(108,015)				
PNG Rate (Less CCRC)	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370	0.14370				
PNG Revenue Adjustment	(24,224)	(11,750)	33,411	1,791	-	-	-	-	-	2,189	1,556	(18,497)	(15,522)				
NMU Weather Normalization Adjustment	-1,987	-15,796	106,581	23,721	0	-354	0	0	-5,526	12,725	4,997	-23,990	100,371				
NMU Rate (Less CCRC)	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602	0.17602				
NMU Revenue Adjustment	(350)	(2,780)	18,760	4,175	-	(62)	-	-	(973)	2,240	880	(4,223)	17,667				
Total Adjusted Revenues	410,553	239,978	249,815	37,809	(17,367)	10,769	3,645	15,814	10,163	34,192	71,913	241,433	1,308,718				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 43.21	\$ 69.56	\$ 97.13	\$ 101.07	\$ 98.07	\$ 98.38	\$ 98.15	\$ 99.54	\$ 100.42	\$ 103.83	\$ 111.27	\$ 136.20	\$ 136.20			Annual Revenue Surcharge/(Credit)	
Under/(Over) Collection	(129,733)	(50,573)	(48,348)	(79,753)	(33,021)	13,305	(8,981)	(33,300)	802	(52,777)	(5,548)	18,113	18,113	\$ 0.00218		0.98	\$ 1.95
10%Cap	(127,093)	(127,093)	(127,093)	(127,093)	(127,093)	127,093	127,093	(127,093)	127,093	(127,093)							

	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Large C&I																	
GS-1 C&I > 1,500 CCF	13,515,671	9,882,435	7,468,616	1,938,575	612,104	1,177,246	1,009,320	1,234,998	1,327,821	2,388,486	3,761,783	10,418,725	54,735,780				
GS-4 C&I > 1,500 CCF	551,729	380,128	327,469	58,910	64,927	50,365	52,588	70,892	50,652	100,517	177,041	503,250	2,388,468				
GS-5 C&I > 1,500 CCF	954,205	529,571	532,150	55,773	78,013	64,172	47,580	21,366	262,597	106,669	264,628	737,034	3,653,758				
Total PNG Large C&I	15,021,605	10,792,134	8,328,235	2,053,258	755,044	1,291,783	1,109,488	1,327,256	1,641,070	2,595,672	4,203,452	11,659,009	60,778,006				
PNG Rate (Less CCRC)	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332				
PNG Revenues	2,152,896	1,546,729	1,193,603	294,273	108,213	185,138	159,012	190,222	235,198	372,012	602,439	1,670,969	8,710,704				
GS-NMU C&I > 1,500 CCF	4,537,705	3,057,114	2,665,623	709,632	504,277	402,990	276,737	376,408	534,528	926,168	1,548,971	3,681,014	19,221,167				
NMU Rate (Less CCRC)	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698				
NMU Revenues	848,460	571,619	498,418	132,687	94,290	75,351	51,744	70,381	99,946	173,175	289,627	688,276	3,593,974				
Total Large C&I	3,001,357	2,118,348	1,692,021	426,960	202,503	260,489	210,756	260,603	335,144	545,187	892,065	2,359,245	12,304,678				
Large C&I Customers	12,194	11,848	11,804	12,010	11,294	11,330	11,353	11,322	11,242	11,332	11,198	11,421	138,350		Therms		
Average Monthly Customers	12,194	12,021	11,949	11,964	11,830	11,747	11,691	11,645	11,600	11,573	11,539	11,529	11,529				
Distribution Revenues per Avg. Monthly Customers	\$ 246.13	\$ 425.88	\$ 570.07	\$ 605.02	\$ 629.00	\$ 655.64	\$ 676.82	\$ 701.87	\$ 733.47	\$ 782.28	\$ 861.90	\$ 1,067.27	\$ 1,067.27		3,469 6,939 10,408		
Forecasted Rev per Avg Monthly Customer	\$ 170.41	\$ 375.84	\$ 564.07	\$ 614.16	\$ 634.76	\$ 654.99	\$ 671.59	\$ 698.48	\$ 724.23	\$ 774.87	\$ 856.11	\$ 1,037.38	\$ 1,037.38				
Under/(Over) Collection	(980,535)	(648,295)	(77,784)	118,412	74,741	(8,374)	(67,791)	(44,008)	(119,986)	(96,273)	(75,199)	(388,628)	\$ (0.00443)	\$ (15.38)	\$ (30.77)	\$ (46.15)	Annual Revenue Surcharge/(Credit)
10%Cap	(1,348,657)	(1,348,657)	(1,348,657)	1,348,657	1,348,657	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	\$ (0.00443)	\$ (15.38)	\$ (30.77)	\$ (46.15)	
RDM Recoveries/(Refunds)	(980,535)	(648,295)	(77,784)	118,412	74,741	(8,374)	(67,791)	(44,008)	(119,986)	(96,273)	(75,199)	(388,628)	\$ (0.00443)	\$ (15.38)	\$ (30.77)	\$ (46.15)	
PNG Weather Normalization Adjustment	-1,197,133	-767,136	2,116,246	0	36,469	0	0	0	-50,773	761,758	185,148	-1,143,111	(58,531)				
PNG Rate (Less CCRC)	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332	0.14332				
PNG Revenue Adjustment	(171,573)	(109,946)	303,300	-	5,227	-	-	-	(7,277)	109,175	26,535	(163,831)	(8,389)				
NMU Weather Normalization Adjustment	-12,771	-109,221	858,300	249,210	51,592	-47,115	0	0	-133,857	240,649	62,435	-221,124	938,098				
NMU Rate (Less CCRC)	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698	0.18698				
NMU Revenue Adjustment	(2,388)	(20,422)	160,485	46,597	9,647	(8,810)	-	-	(25,029)	44,997	11,674	(41,346)	175,406				
Total Adjusted Revenues	2,827,395	1,987,980	2,155,806	473,557	217,376	251,680	210,756	260,603	302,839	699,358	930,275	2,154,069	12,471,695				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 231.86	\$ 400.57	\$ 583.41	\$ 622.25	\$ 647.67	\$ 673.69	\$ 694.96	\$ 720.09	\$ 748.97	\$ 811.14	\$ 894.15	\$ 1,081.75	\$ 1,081.75				
Under/(Over) Collection	(795,781)	(320,319)	(250,732)	(104,868)	(167,454)	(242,643)	(303,268)	(280,498)	(321,302)	(471,194)	(494,394)	(576,962)	\$ (0.00658)	\$ (22.84)	\$ (45.68)	\$ (68.51)	Annual Revenue Surcharge/(Credit)
10%Cap	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	(1,348,657)	\$ (0.00658)	\$ (22.84)	\$ (45.68)	\$ (68.51)	
RDM Recoveries/(Refunds)	(795,781)	(320,319)	(250,732)	(104,868)	(167,454)	(242,643)	(303,268)	(280,498)	(321,302)	(471,194)	(494,394)	(576,962)	\$ (0.00658)	\$ (22.84)	\$ (45.68)	\$ (68.51)	
Small Volume Interruptible & Joint																	
SVI-1	2,355,405	2,212,380	1,945,965	615,905	-42,495	633,896	-201,136	194,856	279,394	585,655	1,229,578	2,601,521	12,410,924				
SJ-1	36,200	21,170	20,010	10,720	1,040	6,570	4,610	4,310	3,190	11,040	14,890	25,090	158,840				
SVI-4	131,920	94,334	47,195	86,623	15,442	-2,461	17,469	16,632	24,190	22,550	69,567	124,563	648,024				
SJ-4	25,070	28,780	20,420	3,570	-4,430	9,320	-3,220	560	1,990	3,460	11,940	8,110	105,570				
SVI-5	45,456	25,160	23,174	5,251	2,770	-828	1,984	2,066	2,383	860	15,587	39,229	163,092				
SJ-5	4,470	75,710	43,330	24,250	-2,300	35,910	-14,120	10,170	4,900	19,530	17,850	43,750	263,450				
Total PNG Small Volume	2,598,521	2,457,534	2,100,094	746,319	(29,973)	682,407	(194,413)	228,594	316,047	643,095	1,359,412	2,842,263	13,749,900				
PNG Rate (Less CCRC)	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029	0.11029				
PNG Revenues	286,591	271,041	231,619	82,312	(3,306)	75,263	(21,442)	25,212	34,857	70,927	149,930	313,473	1,516,476				
SVI-NMU	1,490,093	1,046,722	799,271	352,366	185,798	45,202	53,394	100,599	139,467	287,000	588,417	1,262,278	6,350,607				
SJ-NMU	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total Small Volume	1,490,093	1,046,722	799,271	352,366	185,798	45,202	53,394	100,599	139,467	287,000	588,417	1,262,278	6,350,607				
NMU Rate (Less CCRC)	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598	0.08598				
NMU Revenues	128,118	89,997	68,721	30,296	15,975	3,886	4,591	8,650	11,991	24,676	50,592	108,531	546,025				
Total Small Volume Revenues	414,709	361,039	300,341	112,608	12,669	79,149	(16,851)	33,861	46,848	95,603	200,522	422,004	2,062,502				
Small Volume Int & Joint Customers	530	515	512	523	516	522	516	507	513	515	505	512	6,185		Therms		
Average Monthly Customers	530	522	519	520	519	520	519	518	517	517	516	515	515				
Distribution Revenues per Avg. Monthly Customers	\$ 782.03	\$ 1,484.92	\$ 2,073.70	\$ 2,285.88	\$ 2,314.23	\$ 2,464.08	\$ 2,434.42	\$ 2,507.15	\$ 2,600.17	\$ 2,786.01	\$ 3,180.83	\$ 4,001.51	\$ 4,001.51		19,499 38,998 58,496		
Forecasted Rev per Avg Monthly Customer	\$ 743.44	\$ 1,533.55	\$ 2,236.32	\$ 2,639.73	\$ 2,633.64	\$ 2,701.00	\$ 2,731.62	\$ 2,881.65	\$ 2,978.20	\$ 3,234.66	\$ 3,706.52	\$ 4,521.73	\$ 4,521.73				
Under/(Over) Collection	(21,379)	26,941	90,094	196,031	176,953	131,255	164,645	207,473	209,433	248,555	291,233	288,203	\$ 0.01159	\$ 225.96	\$ 451.92	\$ 677.88	Annual Revenue Surcharge/(Credit)
10%Cap	(250,504)	250,504	250,504	250,504	250,504	250,504	250,504	250,504	250,504	250,504	250,504	250,504	\$ 0.01007	\$ 196.40	\$ 392.81	\$ 589.21	
RDM Recoveries/(Refunds)	(21,379)	26,941	90,094	196,031	176,953	131,255	164,645	207,473	209,433	248,555	250,504	250,504	\$ 0.01007	\$ 196.40	\$ 392.81	\$ 589.21	

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Large Volume Transport													
LVI-1 TP Transport	2,831,024	2,650,200	2,587,990	1,530,351	1,742,883	1,970,256	2,273,719	2,417,910	2,977,350	2,382,480	4,927,642	1,227,329	29,519,134
LVI-1 Mainline Transport													-
LJ-1 TP Transport	4,525,180	3,644,180	3,533,420	2,312,490	1,939,630	2,771,560	3,416,170	3,257,140	3,215,770	1,992,240	2,751,960	3,888,170	37,247,910
LJ-1 Mainline Transport													-
LJ-4 Transport	0	0	0	0	0	195,440	58,300	81,820	71,720	128,440	144,280	59,700	739,700
LVI-5 Transport	68,276	40,379	-38,560	136,823	14,314	22,724	11,827	19,103	21,171	21,753	34,556	34,646	387,012
LJ-5 TP Transport	0	0	0	0	0	52,760	12,180	19,280	20,980	27,490	86,500	210,280	429,470
Total PNG Large Volume Transport	7,424,480	6,334,759	6,082,850	3,979,664	3,696,827	5,012,740	5,772,196	5,795,253	6,306,991	4,552,403	7,944,938	5,420,125	68,323,226
PNG Rate (Less CCRC)	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596	0.02596
PNG Revenues	192,740	164,450	157,911	103,312	95,970	130,131	149,846	150,445	163,729	118,180	206,251	140,706	1,773,671
Transport LVJ-ML Flex Customer A	452,280	533,280	580,580	160,650	307,040	463,120	531,930	459,090	22,050	485,020	439,410	391,320	4,825,770
PNG Rate (Less CCRC)	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252	-0.00252
PNG Revenues	(1,140)	(1,344)	(1,463)	(405)	(774)	(1,167)	(1,340)	(1,157)	(56)	(1,222)	(1,107)	(986)	(12,161)
Transport LVI-TP Flex Customer B	1,238,920	890,840	1,386,380	1,050,440	987,970	1,150,400	1,176,930	988,790	1,028,730	1,256,130	846,820	1,236,470	13,238,820
PNG Rate (Less CCRC)	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152	-0.00152
PNG Revenues	(1,883)	(1,354)	(2,107)	(1,597)	(1,502)	(1,749)	(1,789)	(1,503)	(1,564)	(1,909)	(1,287)	(1,879)	(20,123)
Transport LVI-TP Flex Customer C	1,214,800	637,450	1,104,840	892,510	1,162,760	482,270	1,097,270	1,043,670	864,470	952,810	946,690	915,400	11,314,940
PNG Rate (Less CCRC)	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048
PNG Revenues	583	306	530	428	558	231	527	501	415	457	454	439	5,431
Transport LVJ-TP Flex Customer E	112,400	356,060	579,640	817,960	517,280	411,950	542,590	449,250	471,280	634,510	664,040	789,040	6,346,000
PNG Rate (Less CCRC)	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848
PNG Revenues	953	3,019	4,915	6,936	4,387	3,493	4,601	3,810	3,996	5,381	5,631	6,691	53,814
Transport LVI-TP Flex Customer F	370,010	301,660	350,940	62,210	197,270	210,050	237,740	342,510	352,860	255,200	309,970	405,280	3,395,700
PNG Rate (Less CCRC)	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248	0.00248
PNG Revenues	918	748	870	154	489	521	590	849	875	633	769	1,005	8,421
LVI-1 TP Transport Flex Customer G	333,960	304,390	342,980	192,400	130,060	147,960	150,840	146,150	165,920	198,990	163,320	322,620	2,599,590
PNG Rate (Less CCRC)	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848	0.00848
PNG Revenues	2,832	2,581	2,908	1,632	1,103	1,255	1,279	1,239	1,407	1,687	1,385	2,736	22,045
LVI-NMU TP Transport	1,575,197	1,226,589	1,108,258	281,937	1,054,306	595,278	736,240	573,033	830,733	623,704	726,918	950,571	10,282,764
LJ-NMU TP Transport	367,960	135,440	174,780	94,620	59,550	87,880	91,520	76,860	86,800	104,370	78,390	241,150	1,599,320
Total NMU TP Large Transport	1,943,157	1,362,029	1,283,038	376,557	1,113,856	683,158	827,760	649,893	917,533	728,074	805,308	1,191,721	11,882,084
NMU Rate (Less CCRC)	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884	0.01884
NMU Revenues	36,609	25,661	24,172	7,094	20,985	12,871	15,595	12,244	17,286	13,717	15,172	22,452	223,858
LVI-NMU Mainline Transport	98	97	95	97	97	97	97	97	97	96	96	95	1,159
NMU Rate (Less CCRC)	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062	0.00062
NMU Revenues	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Large Volume Transport Revenues	231,612	194,068	187,737	117,556	121,216	145,586	169,308	166,428	186,090	136,924	227,267	171,164	2,054,957
Large Volume Transport Customers	98	97	95	97	97	97	97	97	97	96	96	95	1,159
Average Monthly Customers	98	98	97	97	97	97	97	97	97	96	97	97	97
Distribution Revenues per Avg. Monthly Customers	\$ 2,363.38	\$ 4,365.94	\$ 6,345.69	\$ 7,555.27	\$ 8,803.60	\$ 10,304.04	\$ 12,049.53	\$ 13,765.28	\$ 15,683.96	\$ 17,112.87	\$ 19,475.30	\$ 21,276.52	\$ 21,276.52
Forecasted Rev per Avg Monthly Customer	\$ 1,143.72	\$ 297.35	\$ 5,117.27	\$ 6,196.98	\$ 7,844.85	\$ 9,842.55	\$ 12,771.56	\$ 15,343.37	\$ 16,629.78	\$ 18,501.87	\$ 20,147.30	\$ 22,157.80	\$ 22,157.80
Under/(Over) Collection	(114,648)	(380,414)	(115,471)	(128,019)	(90,506)	(43,611)	68,284	149,327	89,538	131,539	63,718	83,648	\$ 0.00068 \$ 430.44 \$ 860.89 \$ 1,291.33
10%Cap	(210,314)	(210,314)	(210,314)	(210,314)	(210,314)	(210,314)	210,314	210,314	210,314	210,314	210,314	210,314	
RDM Recoveries/(Refunds)	(114,648)	(210,314)	(115,471)	(128,019)	(90,506)	(43,611)	68,284	149,327	89,538	131,539	63,718	83,648	\$ 0.00068 \$ 430.44 \$ 860.89 \$ 1,291.33

Therms 631,203 1,262,405.06 1,893,608

Super Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total	
SLV Interruptible Transport	16,582,360	12,427,780	11,466,980	11,488,960	12,638,250	14,764,950	7,547,460	18,596,770	14,933,420	16,925,000	15,690,020	21,606,560	174,668,510	
PNG Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420		
PNG Revenues	69,646	52,197	48,161	48,254	53,081	62,013	31,699	78,106	62,720	71,085	65,898	90,748	733,608	
SLV Joint Transport	4,602,030	3,616,510	579,800	-449,410	572,260	3,029,330	8,152,140	7,807,930	3,261,040	-790,880	-474,420	3,279,670	33,186,000	
PNG Rate (Less CCRC)	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232	-0.00232		
PNG Revenues	(10,677)	(8,390)	(1,345)	1,043	(1,328)	(7,028)	(18,913)	(18,114)	(7,566)	1,835	1,101	(7,609)	(76,992)	
SLV-NMU TP Transport	3,817,650	4,143,110	2,932,060	3,313,560	2,618,830	2,688,840	3,074,860	2,596,680	3,946,970	2,542,850	3,535,380	-91,580	35,119,210	
NMU Rate	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085		
NMU Revenues	32,450	35,216	24,923	28,165	22,260	22,855	26,136	22,072	33,549	21,614	30,051	(778)	298,513	
Total Super Large Volume Revenues	91,419	79,023	71,739	77,462	74,013	77,840	38,923	82,064	88,704	94,534	97,049	82,360	955,130	
Super Large Volume Customers	25	25	25	25	25	25	25	25	25	25	25	22	297	
Average Monthly Customers	25	25	25	25	25	25	25	25	25	25	25	25	25	
Distribution Revenues per Avg. Monthly Customers	\$ 3,656.77	\$ 6,817.68	\$ 9,687.23	\$ 12,785.69	\$ 15,746.21	\$ 18,859.81	\$ 20,416.71	\$ 23,699.27	\$ 27,247.43	\$ 31,028.79	\$ 34,910.77	\$ 38,591.09	\$ 38,591.09	
Forecasted Rev per Avg Monthly Customer	\$ 3,462.70	\$ 8,196.57	\$ 12,018.67	\$ 13,295.52	\$ 14,978.45	\$ 17,043.32	\$ 19,214.91	\$ 20,287.80	\$ 23,578.28	\$ 26,852.08	\$ 30,977.21	\$ 35,270.49	\$ 35,270.49	
Under/(Over) Collection	(4,658)	33,093	55,955	12,236	(18,426)	(43,596)	(28,843)	(81,875)	(88,060)	(100,241)	(94,405)	(79,695)	\$ (0.00028)	\$ (1,368.04)
10%Cap	(84,649)	84,649	84,649	84,649	(84,649)	(84,649)	(84,649)	(84,649)	(84,649)	(84,649)	(84,649)	(84,649)	\$ (2,736.07)	\$ (4,104.11)
RDM Recoveries/(Refunds)	(4,658)	33,093	55,955	12,236	(18,426)	(43,596)	(28,843)	(81,875)	(84,649)	(84,649)	(84,649)	(79,695)	\$ (0.00028)	\$ (1,368.04)
														\$ (2,736.07)
														\$ (4,104.11)

Therms 4,908,560 9,817,120 14,725,680

Annual Revenue Surcharge(Credit)

2021 ACTUAL DISTRIBUTION REVENUES LESS CCRC

Residential	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
GS-1 Residential	29,266,021	24,278,650	17,464,393	9,846,269	5,166,739	-100,704	1,433,803	1,978,525	2,388,557	4,126,756	9,684,342	19,738,622	125,271,973				
GS-4 Residential	758,379	635,330	495,528	278,987	112,200	-27,473	4,697	28,071	38,481	123,009	253,499	558,656	3,259,364				
GS-5 Residential	962,937	770,273	682,698	338,058	120,913	-40,628	-5,030	31,255	46,848	144,308	360,656	729,566	4,141,854				
GS-NMU Residential	6,785,473	5,887,726	4,348,315	2,856,158	1,302,393	-90,475	298,932	172,436	404,526	1,101,019	2,889,992	5,334,648	31,291,143				
Total Sales	37,772,810	31,571,979	22,990,934	13,319,472	6,702,245	-259,280	1,732,402	2,210,287	2,878,412	5,495,092	13,188,489	26,361,492	163,964,334				
Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241				
Total Residential	6,890,138	5,759,045	4,193,776	2,429,605	1,222,557	(47,295)	316,007	403,178	525,051	1,002,360	2,405,712	4,808,600	29,908,734				
Residential Customers	190,174	188,406	187,112	188,351	188,878	188,823	188,177	187,490	188,853	188,173	187,512	190,069	2,262,018			Therms	
Average Monthly Customers	190,174	189,290	188,564	188,511	188,584	188,624	188,560	188,426	188,474	188,444	188,359	188,501	188,501		435	870	1,305
Distribution Revenues per Avg. Monthly Customers	\$ 36.23	\$ 66.82	\$ 89.32	\$ 102.24	\$ 108.68	\$ 108.41	\$ 110.12	\$ 112.34	\$ 115.09	\$ 120.43	\$ 133.26	\$ 158.67	\$ 158.67				
Forecasted Rev per Avg Monthly Customer	\$ 29.65	\$ 54.25	\$ 74.83	\$ 87.16	\$ 94.02	\$ 97.30	\$ 99.85	\$ 102.51	\$ 107.52	\$ 118.63	\$ 136.14	\$ 161.60	\$ 161.60				
Under/(Over) Collection	(1,255,779)	(2,397,918)	(2,762,682)	(2,873,822)	(2,794,284)	(2,113,891)	(1,953,487)	(1,866,546)	(1,437,449)	(341,052)	547,202	556,573		\$ 0.00331	\$ 1.44	\$ 2.88	\$ 4.32
10%Cap	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	3,068,326	3,068,326					
RDM Recoveries/(Refunds)	(1,255,779)	(2,397,918)	(2,762,682)	(2,873,822)	(2,794,284)	(2,113,891)	(1,953,487)	(1,866,546)	(1,437,449)	(341,052)	547,202	556,573		\$ 0.00331	\$ 1.44	\$ 2.88	\$ 4.32
PNG Weather Normalization Adjustment	-1,939,530	-939,027	-1,124,035	-425,542	-88,264	0	0	0	-111,986	795,076	1,402,318	3,317,854	886,863				
PNG Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241				
PNG Revenue Adjustment	(353,790)	(171,288)	(205,035)	(77,623)	(16,100)	-	-	-	(20,427)	145,030	255,797	605,210	161,773				
NMU Weather Normalization Adjustment	-441,960	-93,580	-245,375	-18,068	-38,903	0	0	0	-26,618	219,853	233,413	805,414	394,176				
NMU Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241				
NMU Revenue Adjustment	(80,618)	(17,070)	(44,759)	(3,296)	(7,096)	-	-	-	(4,855)	40,103	42,577	146,916	71,902				
Total Adjusted Revenues	6,455,731	5,570,687	3,943,982	2,348,686	1,199,360	(47,295)	316,007	403,178	499,768	1,187,493	2,704,086	5,560,725	30,142,408				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 33.95	\$ 63.53	\$ 84.69	\$ 97.18	\$ 103.50	\$ 103.23	\$ 104.94	\$ 107.15	\$ 109.78	\$ 116.10	\$ 130.50	\$ 159.91	\$ 159.91				
Under/(Over) Collection	(39,949)	(86,572)	(91,920)	(93,254)	(88,155)	(54,984)	(47,244)	(42,961)	(20,831)	23,385	51,900	15,583		\$ 0.00009	\$ 0.04	\$ 0.08	\$ 0.12
10%Cap	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	3,068,326	3,068,326	3,068,326					
RDM Recoveries/(Refunds)	(39,949)	(86,572)	(91,920)	(93,254)	(88,155)	(54,984)	(47,244)	(42,961)	(20,831)	23,385	51,900	15,583		\$ 0.00009	\$ 0.04	\$ 0.08	\$ 0.12
Small C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total				
GS-1 C&I - 1.500 CCF	1,736,638	1,389,506	960,589	468,101	-80,407	-72,687	22,207	51,525	92,586	117,949	331,088	779,745	5,796,840				
GS-4 C&I - 1.500 CCF	66,713	55,349	46,281	15,445	1,557	-1,613	932	3,315	2,894	9,172	14,843	47,083	261,971				
GS-5 C&I - 1.500 CCF	152,543	93,124	82,936	30,762	-15,423	-5,687	-1,087	1,355	2,305	8,188	22,325	70,064	441,405				
GS-NMU C&I - 1.500 CCF	576,157	312,582	391,964	169,739	10,029	-31,665	16,220	9,612	18,423	39,341	141,471	326,892	1,980,765				
Total Sales	2,532,051	1,850,561	1,481,770	684,047	-84,244	-111,652	38,272	65,807	116,208	174,650	509,727	1,223,784	8,480,981				
Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014				
Total Small C&I	430,803	314,854	252,108	116,384	(14,333)	(18,996)	6,512	11,196	19,772	29,715	86,725	208,215	1,442,954				
Small C&I Customers	9,781	9,642	9,548	9,603	9,599	9,497	9,563	9,527	9,519	9,497	9,454	9,632	114,861			Therms	
Average Monthly Customers	9,781	9,712	9,657	9,643	9,634	9,612	9,605	9,595	9,586	9,577	9,566	9,572	9,572		443	886	1,329
Distribution Revenues per Avg. Monthly Customers	\$ 44.04	\$ 76.78	\$ 103.32	\$ 115.54	\$ 114.16	\$ 112.45	\$ 113.21	\$ 114.49	\$ 116.65	\$ 119.87	\$ 129.07	\$ 150.75	\$ 150.75				
Forecasted Rev per Avg Monthly Customer	\$ 34.39	\$ 59.85	\$ 83.36	\$ 96.28	\$ 102.62	\$ 105.11	\$ 107.05	\$ 109.19	\$ 113.27	\$ 121.94	\$ 139.04	\$ 164.36	\$ 164.36				
Under/(Over) Collection	(89,843)	(157,924)	(186,000)	(179,328)	(107,327)	(68,152)	(57,107)	(49,056)	(31,212)	19,143	91,783	125,352		\$ 0.01409	\$ 6.24	\$ 12.48	\$ 18.72
10%Cap	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	151,404	151,404	151,404					
RDM Recoveries/(Refunds)	(89,843)	(151,404)	(151,404)	(151,404)	(107,327)	(68,152)	(57,107)	(49,056)	(31,212)	19,143	91,783	125,352		\$ 0.01409	\$ 6.24	\$ 12.48	\$ 18.72
PNG Weather Normalization Adjustment	-127,415	-57,875	-70,251	-22,444	0	0	0	0	-4,401	19,797	49,160	142,633	(70,796)				
PNG Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014				
PNG Revenue Adjustment	(21,678)	(9,847)	(11,952)	(3,819)	-	-	-	-	(749)	3,368	8,364	24,268	(12,045)				
NMU Weather Normalization Adjustment	-37,101	-4,791	-21,799	-1,003	0	0	0	0	0	4,272	10,369	47,707	(2,346)				
NMU Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014				
NMU Revenue Adjustment	(6,312)	(815)	(3,709)	(171)	-	-	-	-	-	727	1,764	8,117	(399)				
Total Adjusted Revenues	402,812	304,192	236,447	112,394	(14,333)	(18,996)	6,512	11,196	19,023	33,810	96,853	240,599	1,430,510				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 41.18	\$ 72.80	\$ 97.70	\$ 109.49	\$ 108.10	\$ 106.38	\$ 107.14	\$ 108.41	\$ 110.49	\$ 114.13	\$ 124.39	\$ 149.45	\$ 149.45				
Under/(Over) Collection	(63,213)	(120,804)	(133,586)	(123,032)	(51,043)	(11,847)	(782)	7,205	25,670	72,030	134,934	137,329		\$ 0.01543	\$ 6.84	\$ 13.67	\$ 20.51
10%Cap	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	151,404	151,404	151,404	151,404					
RDM Recoveries/(Refunds)	(63,213)	(120,804)	(133,586)	(123,032)	(51,043)	(11,847)	(782)	7,205	25,670	72,030	134,934	137,329		\$ 0.01543	\$ 6.84	\$ 13.67	\$ 20.51

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Large C&I													
GS-1 C&I > 1,500 CCF	13,253,971	10,644,106	8,152,718	4,449,279	2,294,575	238,487	985,577	1,372,303	1,286,341	2,524,113	3,948,714	9,009,810	58,159,994
GS-4 C&I > 1,500 CCF	441,233	553,129	347,382	218,626	87,342	31,032	48,242	65,031	63,081	103,947	201,053	402,951	2,563,049
GS-5 C&I > 1,500 CCF	838,304	620,190	697,878	281,492	130,575	24,168	54,969	93,484	91,549	160,353	338,591	639,978	3,971,531
GS-NMU C&I > 1,500 CCF	4,393,325	3,845,866	2,985,840	1,952,604	752,355	168,843	375,830	306,573	485,521	921,621	1,751,835	3,330,542	21,270,755
Total Sales	18,926,833	15,663,291	12,183,818	6,902,001	3,264,847	462,530	1,464,618	1,837,391	1,926,492	3,710,034	6,240,193	13,383,281	85,965,329
Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355
Total Large C&I	2,906,215	2,405,098	1,870,825	1,059,802	501,317	71,021	224,892	282,131	295,813	569,676	958,182	2,055,003	13,199,976

Large C&I Customers	11,561	11,402	11,300	11,453	11,577	11,562	11,561	11,545	11,564	11,516	11,433	11,640	138,115	Therms
Average Monthly Customers	11,561	11,482	11,421	11,429	11,459	11,476	11,488	11,495	11,503	11,504	11,498	11,510	11,510	3,735
Distribution Revenues per Avg. Monthly Customers	\$ 251.38	\$ 462.60	\$ 628.84	\$ 721.13	\$ 763.01	\$ 768.06	\$ 786.82	\$ 810.88	\$ 836.06	\$ 885.48	\$ 969.32	\$ 1,146.87	\$ 1,146.87	7,469
Forecasted Rev per Avg Monthly Customer	\$ 191.90	\$ 356.69	\$ 491.45	\$ 575.05	\$ 621.94	\$ 645.76	\$ 665.48	\$ 687.99	\$ 731.36	\$ 811.06	\$ 951.08	\$ 1,131.36	\$ 1,131.36	11,204

Under/(Over) Collection	(725,861)	(1,290,849)	(1,672,897)	(1,777,201)	(1,715,463)	(1,484,469)	(1,471,100)	(1,487,729)	(1,265,943)	(898,961)	(220,216)	(187,380)	\$ (0.00210) \$ (7.86) \$ (15.72) \$ (23.58)
10%Cap	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	\$ (0.00210) \$ (7.86) \$ (15.72) \$ (23.58)
RDM Recoveries/(Refunds)	(725,861)	(1,290,849)	(1,672,897)	(1,777,201)	(1,715,463)	(1,484,469)	(1,471,100)	(1,487,729)	(1,265,943)	(898,961)	(220,216)	(187,380)	

PNG Weather Normalization Adjustment	-883,690	-417,705	-531,403	-183,250	-31,424	0	0	0	-38,320	474,935	540,156	1,521,590	450,889
PNG Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	
PNG Revenue Adjustment	(135,691)	(64,139)	(81,597)	(28,138)	(4,825)	-	-	-	(5,884)	72,926	82,941	233,640	69,234

NMU Weather Normalization Adjustment	-271,972	-58,013	-156,427	-11,013	-14,719	0	0	0	-19,341	141,576	123,269	469,093	202,452
NMU Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	
NMU Revenue Adjustment	(41,761)	(8,908)	(24,019)	(1,691)	(2,260)	-	-	-	(2,970)	21,739	18,928	72,029	31,087

Total Adjusted Revenues	2,728,763	2,332,052	1,765,209	1,029,973	494,232	71,021	224,892	282,131	286,959	664,341	1,060,051	2,360,672	13,300,297
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 236.03	\$ 440.78	\$ 597.66	\$ 687.36	\$ 728.71	\$ 733.61	\$ 752.61	\$ 776.69	\$ 801.12	\$ 858.78	\$ 951.46	\$ 1,155.59	\$ 1,155.59

Under/(Over) Collection	(538,553)	(1,024,916)	(1,293,257)	(1,366,385)	(1,298,372)	(1,068,776)	(1,056,317)	(1,073,811)	(843,522)	(576,380)	(4,553)	(292,708)	\$ (0.00329) \$ (12.28) \$ (24.55) \$ (36.83)
10%Cap	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	\$ (0.00329) \$ (12.28) \$ (24.55) \$ (36.83)
RDM Recoveries/(Refunds)	(538,553)	(1,024,916)	(1,293,257)	(1,366,385)	(1,298,372)	(1,068,776)	(1,056,317)	(1,073,811)	(843,522)	(576,380)	(4,553)	(292,708)	

Small Volume Interruptible & Joint

	January	February	March	April	May	June	July	August	September	October	November	December	Total
SVI-1	3,064,128	2,080,405	1,997,991	1,078,231	446,828	6,276	111,642	324,692	266,723	920,360	1,462,348	1,902,302	13,649,374
SJ-1	32,006	24,942	19,782	9,652	11,861	4,034	5,331	1,325	7,289	9,858	11,861	19,446	157,387
SVI-4	130,986	113,976	98,193	54,790	28,498	-2,888	11,625	11,993	19,219	36,069	64,208	112,023	678,692
SJ-4	40,631	9,538	16,620	2,797	-3,032	4,825	-4,848	-893	284	489	4,971	15,337	86,719
SVI-5	43,583	28,856	34,939	-810	1,899	-2,309	882	1,101	1,317	2,439	11,785	23,304	146,986
SJ-5	59,925	43,010	40,087	38,325	15,436	2,110	-440	5,293	7,038	9,512	17,397	40,145	277,838
SVI-NMU	1,404,320	1,150,407	882,563	581,886	711,512	-311,862	45,547	63,986	82,360	233,722	632,851	1,051,063	6,528,355
SJ-NMU													-
Total Small Volume	4,775,579	3,451,134	3,090,175	1,764,871	1,213,002	(312,366)	169,739	407,497	384,230	1,212,449	2,205,421	3,163,620	21,525,351
Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134
Total Small Volume Revenues	436,201	315,227	282,257	161,203	110,796	(28,532)	15,504	37,221	35,096	110,745	201,443	288,965	1,966,126

Small Volume Int & Joint Customers	489	469	459	434	443	424	428	454	422	433	422	431	5,309	Therms
Average Monthly Customers	489	479	472	463	459	453	450	450	447	446	443	442	442	24,327
Distribution Revenues per Avg. Monthly Customers	\$ 892.70	\$ 1,568.74	\$ 2,188.16	\$ 2,581.45	\$ 2,844.67	\$ 2,818.73	\$ 2,875.67	\$ 2,954.65	\$ 3,053.76	\$ 3,311.75	\$ 3,782.11	\$ 4,443.97	\$ 4,443.97	48,653
Forecasted Rev per Avg Monthly Customer	\$ 752.18	\$ 1,389.90	\$ 1,951.28	\$ 2,339.05	\$ 2,588.49	\$ 2,711.91	\$ 2,814.29	\$ 2,913.78	\$ 3,036.36	\$ 3,273.50	\$ 3,670.57	\$ 4,189.58	\$ 4,189.58	

Under/(Over) Collection	(74,613)	(95,053)	(125,700)	(127,927)	(135,415)	(56,578)	(32,506)	(21,681)	(9,233)	(20,344)	(59,258)	(135,103)	\$ (0.00555) \$ (134.92) \$ (269.84) \$ (404.76)
10%Cap	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	(222,502)	\$ (0.00555) \$ (134.92) \$ (269.84) \$ (404.76)
RDM Recoveries/(Refunds)	(74,613)	(95,053)	(125,700)	(127,927)	(135,415)	(56,578)	(32,506)	(21,681)	(9,233)	(20,344)	(59,258)	(135,103)	

Large Volume Interruptible & Joint

	January	February	March	April	May	June	July	August	September	October	November	December	Total
LVI-1 TP	817,175	422,825	707,125	497,212	-2,833	255,501	210,492	402,696	33,260	448,441	843,852	307,374	4,943,120
LVI-1 Mainline													-
LVI-4	239,829	216,224	165,680	99,130	29,932	-15,031	2,099	-1,882	9,530	36,247	82,249	158,744	1,022,751
LJ-5 TP													-
LVI-NMU TP	512,732	578,177	415,639	518,870	350,810	250,441	298,363	165,991	419,915	504,423	447,202	485,734	4,948,297
Total Large Volume	1,569,736	1,217,226	1,288,444	1,115,212	377,909	490,911	510,954	566,805	462,705	989,111	1,373,303	951,852	10,914,168
Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055
Total Large Volume Revenues	32,258	25,014	26,478	22,918	7,766	10,088	10,500	11,648	9,509	20,326	28,221	19,561	224,286

Large Volume Int & Joint Customers	69	68	65	63	64	62	63	63	64	64	66	68	779	Therms
Average Monthly Customers	69	69	68	66	66	65	65	65	65	64	65	65	65	84,106
Distribution Revenues per Avg. Monthly Customers	\$ 464.59	\$ 831.23	\$ 1,237.68	\$ 1,606.84	\$ 1,736.82	\$ 1,908.70	\$ 2,081.98	\$ 2,268.52	\$ 2,419.28	\$ 2,737.63	\$ 3,170.61	\$ 3,456.76	\$ 3,456.76	168,212
Forecasted Rev per Avg Monthly Customer	\$ 360.55	\$ 683.86	\$ 965.61	\$ 1,164.37	\$ 1,321.20	\$ 1,503.65	\$ 1,693.18	\$ 1,887.86	\$ 2,188.00	\$ 2,581.94	\$ 3,034.93	\$ 3,624.82	\$ 3,624.82	

Under/(Over) Collection	(6,867)	(9,726)	(18,229)	(30,530)	(29,010)	(28,691)	(27,771)	(27,360)	(16,678)	(11,241)	(9,843)	12,213	\$ 0.00095 \$ 80.13 \$ 160.27 \$ 240.40
10%Cap	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	26,340	\$ 0.00095 \$ 80.13 \$ 160.27 \$ 240.40
RDM Recoveries/(Refunds)	(6,867)	(9,726)	(18,229)	(26,340)	(26,340)	(26,340)	(26,340)	(26,340)	(16,678)	(11,241)	(9,843)	12,213	

	January	February	March	April	May	June	July	August	September	October	November	December	Total		
Super Large Volume Interruptible & Joint															
SLV Interruptible Transport - CIP Exempt	22,342,258	18,562,403	18,120,523	17,704,473	14,748,449	16,574,532	12,085,616	15,525,930	12,462,163	12,075,166	15,828,321	21,087,011	197,116,845		
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420			
Revenues	93,837	77,962	76,106	74,359	61,943	69,613	50,760	65,209	52,341	50,716	66,479	88,565	827,891		
SLV Interruptible Transport - CIP Applicable															
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420			
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLV Joint Transport															
Rate	-274,579	2,461,674	967,979	1,836,068	1,336,207	2,457,321	3,731,204	8,816,769	-840,382	-141,320	-232,393	1,973,288	22,091,836		
Revenues	(1,153)	10,339	4,066	7,711	5,612	10,321	15,671	37,030	(3,530)	(594)	(976)	8,288	92,786		
SLV-NMU TP Transport CIP Exempt															
Rate	9,444,075	902,495	3,854,987	3,431,584	3,085,152	2,222,032	2,668,047	2,684,245	3,463,730	3,571,913	2,872,328	2,497,905	40,698,493		
Revenues	80,275	7,671	32,767	29,168	26,224	18,887	22,678	22,816	29,442	30,361	24,415	21,232	345,937		
SLV-NMU TP Transport CIP Applicable															
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850			
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	172,959	95,972	112,939	111,239	93,779	98,821	89,109	125,055	78,253	80,483	89,918	118,085	1,266,614		
Super Large Volume Customers	28	25	25	25	25	25	25	25	25	25	25	25	303		
Average Monthly Customers	28	27	26	26	26	26	25	25	25	25	25	25	25		
Distribution Revenues per Avg. Monthly Customers	\$ 6,177.10	\$ 10,148.35	\$ 14,687.32	\$ 19,149.87	\$ 22,925.33	\$ 26,890.57	\$ 30,470.39	\$ 35,463.01	\$ 38,610.28	\$ 41,842.31	\$ 45,445.36	\$ 50,162.92	\$ 50,162.92		
Forecasted Rev per Avg Monthly Customer	\$ 4,105.75	\$ 7,834.08	\$ 11,785.15	\$ 15,162.26	\$ 17,861.70	\$ 20,181.34	\$ 22,282.93	\$ 24,398.69	\$ 26,883.51	\$ 30,078.63	\$ 33,506.71	\$ 37,055.73	\$ 37,055.73		
Under/(Over) Collection	(60,069)	(65,957)	(82,228)	(112,650)	(142,794)	(188,976)	(230,419)	(311,184)	(329,653)	(331,736)	(337,538)	(371,370)	(27,887.38)		
10% Cap	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)		
RDM Recoveries/(Refunds)	(60,069)	(65,957)	(82,228)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)		
Annual Revenue Surcharge/(Credit)															
	\$ (0.00181)	\$ (9,295.79)	\$ (18,591.59)	\$ (27,887.38)											
	\$ (0.00051)	\$ (2,628.04)	\$ (5,256.08)	\$ (7,884.13)											
Therms															
													5,146,677	10,293,353	15,440,030

2012 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage	
Residential																		
GS-1 Residential	21,440,913	20,649,099	14,365,561	517,538	4,840,725	509,025	1,944,230	2,067,584	2,326,367	5,050,675	11,649,238	17,632,419	102,993,374					
GS-4 Residential	535,502	584,185	416,869	49,475	100,108	-10,050	23,301	32,107	38,054	162,482	349,161	543,254	2,824,448					
GS-5 Residential	690,876	744,898	508,859	114,025	150,937	-33,367	10,950	29,846	49,342	219,520	434,966	715,200	3,636,052					
GS-NMU Residential	5,454,421	5,277,611	3,429,266	1,472,339	1,325,575	-163,411	178,385	307,254	396,127	1,547,035	3,287,230	5,158,729	27,670,561					
Total Sales	28,121,712	27,255,793	18,720,555	2,153,377	6,417,345	302,197	2,156,866	2,436,791	2,809,890	6,979,712	15,720,595	24,049,602	137,124,435					
Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
Total Residential	5,129,681	4,971,729	3,414,816	392,797	1,170,588	55,124	393,434	444,495	512,552	1,273,169	2,867,594	4,386,888	25,012,868					
Residential Customers																		
Residential Customers	190,114	189,726	190,079	189,381	189,517	190,197	189,242	189,162	188,732	189,573	189,361	190,477	2,275,562					
Average Monthly Customers	190,114	189,920	189,973	189,825	189,764	189,836	189,751	189,677	189,572	189,572	189,553	189,630	189,630			Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 26.98	\$ 53.19	\$ 71.15	\$ 73.27	\$ 79.47	\$ 79.73	\$ 81.83	\$ 84.21	\$ 86.96	\$ 93.68	\$ 108.81	\$ 131.90	\$ 131.90				723	
Forecasted Rev per Avg Monthly Customer	\$ 29.65	\$ 54.25	\$ 74.83	\$ 87.16	\$ 94.02	\$ 97.30	\$ 99.85	\$ 102.51	\$ 107.52	\$ 118.63	\$ 136.14	\$ 161.60	\$ 161.60				1,085	
Annual Revenue Surcharge/(Credit)																		
Under/(Over) Collection	510,068	202,983	702,159	2,648,227	2,775,065	3,347,106	3,425,712	3,477,712	3,903,291	4,735,798	5,185,240	5,638,073		\$ 0.03352		12.12	24.24	36.36
10%Cap	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326						
RDM Recoveries/(Refunds)	510,068	202,983	702,159	2,648,227	2,775,065	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326	3,068,326		\$ 0.01824		6.60	13.19	19.79
Residential Customers - Additional Metrics																		
PNG Weather Normalization Adjustment	3,916,354	3,503,864	12,120,619	0	2,036,818	0	0	0	51,765	-176,048	1,116,575	1,136,292	23,706,239					
PNG Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
PNG Revenue Adjustment	714,382	639,140	2,210,922	-	371,536	-	-	-	9,442	(32,113)	203,674	207,271	4,324,255					
NMU Weather Normalization Adjustment	885,289	859,304	1,600,709	91,435	269,842	0	0	-26,891	-115,708	-2,781	-21,866		3,539,334					
NMU Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
NMU Revenue Adjustment	161,486	156,746	291,985	16,679	49,222	-	-	(4,905)	(21,106)	(507)	(3,989)		645,610					
Total Adjusted Revenues	6,005,549	5,767,615	5,917,724	409,476	1,591,346	55,124	393,434	444,495	517,089	1,219,950	3,070,761	4,590,170	29,982,733					
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 31.59	\$ 61.99	\$ 93.12	\$ 95.35	\$ 103.77	\$ 104.02	\$ 106.14	\$ 108.53	\$ 111.31	\$ 117.75	\$ 133.96	\$ 158.11	\$ 158.11					
Annual Revenue Surcharge/(Credit)																		
Under/(Over) Collection	(18,013)	(72,170)	(170,463)	(76,260)	(90,665)	(62,347)	(58,400)	(55,672)	(35,014)	8,159	20,079	32,106		\$ 0.00019		0.07	0.14	0.21
10%Cap	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)						
RDM Recoveries/(Refunds)	(18,013)	(72,170)	(170,463)	(76,260)	(90,665)	(62,347)	(58,400)	(55,672)	(35,014)	8,159	20,079	32,106		\$ 0.00019		0.07	0.14	0.21
Small C&I																		
GS-1 C&I - 1,500 CCF	997,849	987,117	638,873	-104,930	141,435	-7,655	34,196	62,634	82,527	265,304	482,291	970,966	4,550,607					
GS-4 C&I - 1,500 CCF	42,719	58,011	34,081	-1,400	7,182	891	1,905	2,557	3,799	12,381	31,891	63,831	257,848					
GS-5 C&I - 1,500 CCF	62,457	81,882	47,715	6,214	7,775	-4,938	1,464	2,927	4,013	15,485	50,212	88,287	363,493					
GS-NMU C&I - 1,500 CCF	345,102	385,861	220,307	61,970	80,172	-24,594	6,092	19,539	21,652	73,784	200,131	472,996	1,863,012					
Total Sales	1,448,127	1,512,871	940,976	-38,146	236,564	-36,296	43,657	87,657	111,991	366,954	764,525	1,596,080	7,034,960					
Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
Total Small C&I	246,384	257,400	160,098	(6,490)	40,249	(6,175)	7,428	14,914	19,054	62,434	130,076	271,557	1,196,928					
Small C&I Customers																		
Small C&I Customers	9,670	9,639	9,666	9,631	10,913	10,928	10,856	10,865	10,818	10,815	10,846	10,963	125,609					
Average Monthly Customers	9,670	9,655	9,659	9,652	9,904	10,075	10,186	10,271	10,332	10,380	10,422	10,467	10,467			Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 25.48	\$ 52.18	\$ 68.74	\$ 68.11	\$ 70.44	\$ 68.63	\$ 68.61	\$ 69.50	\$ 70.93	\$ 76.62	\$ 88.79	\$ 114.35	\$ 114.35				672	
Forecasted Rev per Avg Monthly Customer	\$ 34.39	\$ 59.85	\$ 83.36	\$ 96.28	\$ 102.62	\$ 105.11	\$ 107.05	\$ 109.19	\$ 113.27	\$ 121.94	\$ 139.04	\$ 164.36	\$ 164.36				1,008	
Annual Revenue Surcharge/(Credit)																		
Under/(Over) Collection	82,930	71,521	136,311	262,242	299,246	338,543	356,697	367,528	390,991	417,748	462,740	460,697		\$ 0.05177		17.40	34.79	52.19
10%Cap	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404						
RDM Recoveries/(Refunds)	82,930	71,521	136,311	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404		\$ 0.01701		5.72	11.43	17.15
Small C&I Customers - Additional Metrics																		
PNG Weather Normalization Adjustment	199,211	187,633	610,355	0	64,291	0	0	0	3,706	-12,112	54,735	71,855	1,179,673					
PNG Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
PNG Revenue Adjustment	33,894	31,924	103,846	-	10,938	-	-	-	631	(2,061)	9,313	12,225	200,710					
NMU Weather Normalization Adjustment	56,353	63,486	103,955	3,635	16,631	0	0	-1,466	-5,371	-171	-2,044		235,010					
NMU Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
NMU Revenue Adjustment	9,588	10,801	17,687	619	2,830	-	-	-	(249)	(914)	(29)	(348)	39,985					
Total Adjusted Revenues	289,866	300,125	281,630	(5,872)	54,017	(6,175)	7,428	14,914	19,435	59,459	139,360	283,435	1,437,622					
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 29.97	\$ 61.11	\$ 90.24	\$ 89.70	\$ 92.87	\$ 90.68	\$ 90.42	\$ 91.12	\$ 92.47	\$ 97.77	\$ 110.74	\$ 137.34	\$ 137.34					
Annual Revenue Surcharge/(Credit)																		
Under/(Over) Collection	41,087	(11,754)	(64,125)	61,231	90,645	133,891	154,358	167,292	192,120	222,820	260,581	248,877		\$ 0.02797		9.40	18.80	28.19
10%Cap	151,404	(151,404)	(151,404)	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404	151,404						
RDM Recoveries/(Refunds)	41,087	(11,754)	(64,125)	61,231	90,645	133,891	151,404	151,404	151,404	151,404	151,404	151,404		\$ 0.01701		5.72	11.43	17.15

	January	February	March	April	May	June	July	August	September	October	November	December	Total									
Large C&I																						
GS-1 C&I > 1,500 CCF	9,778,697	9,664,868	6,913,706	523,204	2,132,135	541,511	1,228,213	1,167,502	1,683,926	2,843,386	5,013,777	7,876,623	49,367,548									
GS-4 C&I > 1,500 CCF	381,105	425,937	311,710	81,731	90,393	40,188	61,649	64,631	67,652	130,129	242,910	384,380	2,282,415									
GS-5 C&I > 1,500 CCF	709,660	660,542	492,529	113,579	179,957	26,547	70,055	88,094	102,317	214,385	428,454	663,345	3,749,464									
GS-NMU C&I > 1,500 CCF	3,483,182	3,469,039	2,385,912	891,560	1,110,336	32,463	282,195	526,293	400,230	1,075,972	2,111,037	3,034,714	18,802,933									
Total Sales	14,352,644	14,220,386	10,103,857	1,610,074	3,512,821	640,709	1,642,112	1,846,520	2,254,125	4,263,872	7,796,178	11,959,062	74,202,360									
Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355										
Total Large C&I	2,203,848	2,183,540	1,551,447	247,227	539,394	98,381	252,146	283,533	346,121	654,718	1,197,103	1,836,314	11,393,772									
Large C&I Customers	11,678	11,608	11,648	11,633	10,265	10,308	10,270	10,265	10,237	10,265	10,259	10,323	128,758									
Average Monthly Customers	11,678	11,643	11,645	11,642	11,366	11,190	11,059	10,959	10,879	10,818	10,767	10,730	128,758									
Distribution Revenues per Avg. Monthly Customers	\$ 188.72	\$ 376.82	\$ 510.01	\$ 531.37	\$ 591.70	\$ 609.82	\$ 639.87	\$ 671.53	\$ 708.30	\$ 772.84	\$ 887.67	\$ 1,061.88	\$ 1,061.88		3,458	6,916	10,373					
Forecasted Rev per Avg Monthly Customer	\$ 191.90	\$ 356.69	\$ 491.45	\$ 575.05	\$ 621.94	\$ 645.76	\$ 665.48	\$ 687.99	\$ 731.36	\$ 811.06	\$ 951.08	\$ 1,131.36	\$ 1,131.36									
Under/(Over) Collection	38,801	(245,382)	(226,004)	531,308	367,778	436,212	310,543	199,249	278,745	461,658	765,670	839,708		\$ 0.00943	\$	Annual Revenue Surcharge/(Credit)						
10%Cap	1,367,150	(1,367,150)	(1,367,150)	1,367,150	1,367,150	1,367,150	1,367,150	1,367,150	1,367,150	1,367,150	1,367,150	1,367,150		\$	0.00943	\$	32.61	\$	65.22	\$	97.83	
RDM Recoveries/(Refunds)	38,801	(245,382)	(226,004)	531,308	367,778	436,212	310,543	199,249	278,745	461,658	765,670	839,708		\$	0.00943	\$	32.61	\$	65.22	\$	97.83	
PNG Weather Normalization Adjustment	1,788,475	1,642,361	5,728,862	0	959,260	0	0	0	41,341	-89,420	458,625	504,296	11,033,801									
PNG Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355										
PNG Revenue Adjustment	274,620	252,184	879,667	-	147,294	-	-	-	6,348	(13,730)	70,422	77,435	1,694,240									
NMU Weather Normalization Adjustment	532,994	536,283	1,024,862	41,255	190,497	0	0	0	-11,206	-64,834	-1,619	-11,963	2,236,270									
NMU Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355										
NMU Revenue Adjustment	81,841	82,346	157,368	6,335	29,251	-	-	-	(1,721)	(9,955)	(249)	(1,837)	343,379									
Total Adjusted Revenues	2,560,310	2,518,071	2,588,482	253,562	715,939	98,381	252,146	283,533	350,748	631,032	1,267,276	1,911,912	13,431,392									
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 219.25	\$ 436.17	\$ 658.41	\$ 680.35	\$ 759.82	\$ 780.59	\$ 812.67	\$ 845.90	\$ 884.38	\$ 947.73	\$ 1,069.90	\$ 1,251.78	\$ 1,251.78									
Under/(Over) Collection	(333,692)	(968,775)	(2,032,845)	(1,281,138)	(1,676,626)	(1,636,565)	(1,784,506)	(1,911,646)	(1,850,146)	(1,650,872)	(1,434,780)	(1,455,081)		\$	(0.01634)	\$	Annual Revenue Surcharge/(Credit)	(56.51)	\$	(113.02)	\$	(169.53)
10%Cap	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)		\$	(0.01536)	\$	(53.09)	\$	(106.19)	\$	(159.28)	
RDM Recoveries/(Refunds)	(333,692)	(968,775)	(1,367,150)	(1,281,138)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)		\$	(0.01536)	\$	(53.09)	\$	(106.19)	\$	(159.28)	
Small Volume Interruptible & Joint																						
SVI-1	1,936,773	1,900,310	1,520,100	-194,254	648,778	141,989	229,894	193,759	370,509	1,284,574	1,160,874	1,711,428	10,904,734									
SJ-1	22,620	30,201	20,898	3,853	10,421	16,920	2,480	256	3,114	12,667	10,709	25,081	154,260									
SVI-4	112,687	115,241	91,357	15,507	30,821	10,073	19,774	16,853	20,615	34,691	76,795	115,268	659,682									
SJ-4	16,480	13,010	16,249	1,289	-6,042	7,336	-4,871	-101	297	3,542	11,713	13,063	71,965									
SVI-5	19,305	25,284	17,353	1,693	6,360	321	2,565	88	2,475	2,645	14,172	21,433	113,694									
SJ-5	11,801	22,263	25,132	13,542	11,037	4,868	6,305	5,619	4,753	12,581	21,748	23,011	162,660									
SVI-NMU	1,059,711	990,528	886,246	217,875	333,649	-10,647	94,198	72,423	123,716	250,203	795,700	1,008,523	5,822,125									
SJ-NMU	-	-	-	-	-	-	-	-	-	-	-	-	-									
Total Small Volume	3,179,377	3,096,837	2,577,335	59,505	1,035,024	170,860	345,385	288,897	525,479	1,600,903	2,091,711	2,917,807	17,889,120									
Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134										
Total Small Volume Revenues	290,404	282,865	235,414	5,435	94,539	15,606	31,547	26,388	47,997	146,226	191,057	266,512	1,633,992									
Small Volume Int & Joint Customers	415	411	405	394	378	338	398	398	395	393	393	387	4,706									
Average Monthly Customers	415	413	410	406	401	390	391	392	393	393	393	392	4,706									
Distribution Revenues per Avg. Monthly Customers	\$ 700.44	\$ 1,388.85	\$ 1,970.96	\$ 2,003.74	\$ 2,268.05	\$ 2,368.59	\$ 2,442.51	\$ 2,504.39	\$ 2,624.65	\$ 2,996.52	\$ 3,482.87	\$ 4,166.78	\$ 4,166.78									
Forecasted Rev per Avg Monthly Customer	\$ 752.18	\$ 1,389.90	\$ 1,951.28	\$ 2,339.05	\$ 2,588.49	\$ 2,711.91	\$ 2,814.29	\$ 2,913.78	\$ 3,036.36	\$ 3,273.50	\$ 3,670.57	\$ 4,189.58	\$ 4,189.58									
Under/(Over) Collection	27,473	563	(10,440)	176,960	169,384	181,847	196,886	217,185	218,477	147,298	99,722	12,109		\$	0.00050	\$	Annual Revenue Surcharge/(Credit)	11.34	\$	22.68	\$	34.01
10%Cap	222,502	222,502	(222,502)	222,502	222,502	222,502	222,502	222,502	222,502	222,502	222,502	222,502		\$	0.00050	\$	11.34	\$	22.68	\$	34.01	
RDM Recoveries/(Refunds)	27,473	563	(10,440)	176,960	169,384	181,847	196,886	217,185	218,477	147,298	99,722	12,109		\$	0.00050	\$	11.34	\$	22.68	\$	34.01	
Large Volume Interruptible & Joint																						
LVI-1 TP	593,661	549,113	489,516	225,338	262,368	243,776	206,857	614,441	48,710	1,096,499	328,242	591,396	5,249,917									
LVI-1 Mainline	-	-	-	-	-	-	-	-	-	-	-	-	-									
LVI-4	172,140	190,133	131,212	21,401	18,868	7,580	8,655	18,307	8,464	37,004	117,250	152,968	883,982									
LJ-5 TP	0	0	0	0	0	0	0	0	0	0	0	0	0									
LVI-NMU TP	516,086	931,817	-146,193	273,296	360,299	250,169	144,095	277,126	312,677	584,097	421,664	461,385	4,386,518									
Total Large Volume	1,281,887	1,671,063	474,535	520,035	641,535	501,525	359,607	909,874	369,851	1,717,600	867,156	1,205,749	10,520,417									
Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055										
Total Large Volume Revenues	26,343	34,340	9,752	10,687	13,184	10,306	7,390	18,698	7,600	35,297	17,820	24,778	216,195									
Large Volume Int & Joint Customers	66	67	65	68	65	58	66	67	67	69	67	66	791									
Average Monthly Customers	66	67	65	67	66	65	65	65	65	66	66	66	791									
Distribution Revenues per Avg. Monthly Customers	\$ 397.93	\$ 909.34	\$ 1,065.22	\$ 1,218.19	\$ 1,421.11	\$ 1,611.47	\$ 1,721.21	\$ 2,001.14	\$ 2,112.16	\$ 2,636.24	\$ 2,902.25	\$ 3,277.88	\$ 3,277.88									
Forecasted Rev per Avg Monthly Customer	\$ 360.55	\$ 683.86	\$ 965.61	\$ 1,164.37	\$ 1,321.20	\$ 1,503.65	\$ 1,693.18	\$ 1,887.86	\$ 2,188.00	\$ 2,581.94	\$ 3,034.93	\$ 3,624.82	\$ 3,624.82									

Table with columns: January, February, March, April, May, June, July, August, September, October, November, December, Total. Rows include SVI-1 Transport, SJ-1 Transport, SVI-4 Transport, SJ-4 Transport, SVI-5 Transport, SJ-5 Transport, SVI-NMU Transport, SJ-NMU Transport, and Total Small Volume Transport Revenues.

Table with columns: January, February, March, April, May, June, July, August, September, October, November, December, Total. Rows include Small Volume Transport Customers, Average Monthly Customers, and Distribution Revenues per Avg. Monthly Customers.

Table with columns: January, February, March, April, May, June, July, August, September, October, November, December, Total. Rows include Forecasted Rev per Avg Monthly Customer, Under/(Over) Collection, 10%Cap, and RDM Recoveries/(Refunds).

Therms

Summary table for Small Volume Transport section with columns: Annual Revenue Surcharge(Credit), 10%Cap, and RDM Recoveries/(Refunds). Values include 1,920.96, 3,841.91, 5,762.87, 0.00913, 514.53, 1,029.06, 1,543.59.

Table with columns: January, February, March, April, May, June, July, August, September, October, November, December, Total. Rows include LVI-1 TP Transport, LVI-1 Mainline Transport, LJ-1 TP Transport, LJ-1 Mainline Transport, LVI-4 Transport, LVI-5 Transport, LJ-5 TP Transport, LVI-NMU TP Transport, LJ-NMU TP Transport, LVI-NMU Mainline Transport, Total Non-Flex Large Volume Transport, and various FLEX Rate and FLEX Revenues for customers A through G.

Therms

Summary table for Large Volume Transport section with columns: Annual Revenue Surcharge(Credit), 10%Cap, and RDM Recoveries/(Refunds). Values include 998.72, 1,997.44, 2,996.16, 0.00113, 711.05, 1,422.11, 2,133.16.

Super Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
SLV Interruptible Transport - CIP Exempt	21,528,199	15,884,132	18,923,797	13,744,139	13,266,629	12,950,578	13,823,586	16,500,150	14,129,520	15,875,592	17,547,373	21,570,698	195,744,393
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	90,418	66,713	79,480	57,725	55,720	54,392	58,059	69,301	59,344	66,677	73,699	90,597	822,126
SLV Interruptible Transport - CIP Applicable													-
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
SLV Joint Transport	2,786,401	3,409,494	3,041,146	2,374,633	2,293,397	1,665,117	1,291,976	2,242,995	1,270,179	2,340,127	2,867,627	3,423,531	29,006,623
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	11,703	14,320	12,773	9,973	9,632	6,993	5,426	9,421	5,335	9,829	12,044	14,379	121,828
SLV-NMU TP Transport CIP Exempt	3,142,496	2,625,738	4,011,370	2,668,262	3,425,839	2,434,526	2,483,836	4,223,720	2,396,917	3,889,673	3,700,952	2,158,124	37,161,453
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	
Revenues	26,711	22,319	34,097	22,680	29,120	20,693	21,113	35,902	20,374	33,062	31,458	18,344	315,872
SLV-NMU TP Transport CIP Applicable													-
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	128,833	103,352	126,349	90,379	94,472	82,079	84,598	114,623	85,053	109,568	117,201	123,320	1,259,827
Super Large Volume Customers	25	25	25	25	25	25	25	25	25	17	33	25	300
Average Monthly Customers	25	25	25	25	25	25	25	25	25	24	25	25	25
Distribution Revenues per Avg. Monthly Customers	\$ 5,153.30	\$ 9,287.38	\$ 14,341.36	\$ 17,956.52	\$ 21,735.39	\$ 25,018.57	\$ 28,402.48	\$ 32,987.40	\$ 36,389.50	\$ 42,120.07	\$ 45,460.27	\$ 50,393.06	\$ 50,393.06
Forecasted Rev per Avg Monthly Customer	\$ 4,105.75	\$ 7,834.08	\$ 11,785.15	\$ 15,162.26	\$ 17,861.70	\$ 20,181.34	\$ 22,282.93	\$ 24,398.69	\$ 26,883.51	\$ 30,078.63	\$ 33,506.71	\$ 37,055.73	\$ 37,055.73
Under/(Over) Collection	(30,379)	(41,419)	(72,426)	(78,938)	(109,238)	(136,248)	(172,222)	(241,557)	(267,224)	(339,569)	(337,960)	(377,891)	\$ (0.00184) \$ (9,627.32) \$ (19,254.63) \$ (28,881.95)
10%Cap	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	
RDM Recoveries/(Refunds)	(30,379)	(41,419)	(72,426)	(78,938)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	\$ (0.00051) \$ (2,674.80) \$ (5,349.60) \$ (8,024.41)

Therms
5,238,249 10,476,499 15,714,748

Annual Revenue Surcharge/(Credit)

2013 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage	
Residential																		
GS-1 Residential	22,856,845	28,527,676	19,359,401	13,943,297	7,596,420	(1,828,538)	1,067,651	2,094,561	2,755,428	4,607,855	17,977,829	33,130,535	152,088,960					
GS-4 Residential	608,272	705,250	575,542	282,581	360,956	(143,529)							2,389,072					
GS-5 Residential	828,418	911,573	602,156	473,963	412,766	(117,753)							3,111,123					
GS-NMU Residential	5,826,240	7,115,787	4,203,240	2,813,432	3,184,728	568,939							23,707,346					
Total Sales	30,119,775	37,260,266	24,737,339	17,513,273	11,554,870	-1,522,881	1,067,651	2,094,561	2,755,428	4,607,855	17,977,829	33,130,535	181,296,501					
Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
Total Residential	5,494,148	6,796,645	4,512,338	3,194,596	2,107,724	(277,789)	194,750	382,069	502,618	840,519	3,279,336	6,043,341	33,070,295					
Residential Customers	190,973	193,015	190,787	191,336	190,788	191,685	192,019	190,813	190,788	191,417	191,163	193,684	2,298,478			Therms		
Average Monthly Customers	190,973	191,994	191,592	191,528	191,432	191,432	191,516	191,428	191,357	191,363	191,345	191,540	191,540		473	947	1,420	
Distribution Revenues per Avg. Monthly Customers	\$ 28.77	\$ 64.02	\$ 87.70	\$ 104.41	\$ 115.50	\$ 114.02	\$ 114.99	\$ 117.04	\$ 119.71	\$ 124.10	\$ 141.25	\$ 172.65	\$ 172.65					
Forecasted Rev per Avg Monthly Customer	\$ 29.65	\$ 54.25	\$ 74.83	\$ 87.16	\$ 94.02	\$ 97.30	\$ 99.85	\$ 102.51	\$ 107.52	\$ 118.63	\$ 136.14	\$ 161.60	\$ 161.60					
Under/(Over) Collection	168,845	(1,862,403)	(2,453,962)	(3,288,664)	(4,095,532)	(3,183,557)	(2,880,100)	(2,760,146)	(2,313,627)	(1,036,774)	(968,970)	(2,099,620)		\$ (0.01248)	\$	Annual Revenue Surcharge(Credit)		
10%Cap	3,068,326	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)				(5.91) \$	(11.81) \$	(17.72)
RDM Recoveries/(Refunds)	168,845	(1,862,403)	(2,453,962)	(3,068,326)	(3,068,326)	(3,068,326)	(2,880,100)	(2,760,146)	(2,313,627)	(1,036,774)	(968,970)	(2,099,620)		\$ (0.01248)	\$	(5.91) \$	(11.81) \$	(17.72)
PNG Weather Normalization Adjustment	1,081,914	-158,751	-3,040,935	-3,325,235	-985,973	0	0	0	308,276	-48,992	-1,013,001	-4,093,960	(11,276,657)					
PNG Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
PNG Revenue Adjustment	197,352	(28,958)	(554,697)	(606,556)	(179,851)	-	-	-	56,233	(8,937)	(184,782)	(746,779)	(2,056,975)					
NMU Weather Normalization Adjustment	150,304	-164,310	-561,318	-600,286	-305,363	-23,053	0	0	44,226	-22,022	-158,679	-1,316,417	(2,956,919)					
NMU Rate (Less CCRC)	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241	0.18241					
NMU Revenue Adjustment	27,417	(29,972)	(102,390)	(109,498)	(55,701)	(4,205)	-	-	8,067	(4,017)	(28,945)	(240,128)	(539,372)					
Total Adjusted Revenues	5,718,917	6,737,716	3,855,251	2,478,542	1,872,171	(281,994)	194,750	382,069	566,918	827,565	3,065,610	5,056,434	30,473,948					
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 29.95	\$ 64.88	\$ 85.14	\$ 98.11	\$ 107.97	\$ 106.46	\$ 109.48	\$ 112.48	\$ 116.80	\$ 132.84	\$ 159.10	\$ 159.10	\$ 159.10					
Under/(Over) Collection	(2,723)	(99,126)	(96,057)	(101,916)	(129,687)	(85,025)	(70,402)	(64,505)	(45,814)	16,865	30,429	23,004		\$ 0.00014	\$	Annual Revenue Surcharge(Credit)		
10%Cap	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)	(3,068,326)				0.06 \$	0.13 \$	0.19
RDM Recoveries/(Refunds)	(2,723)	(99,126)	(96,057)	(101,916)	(129,687)	(85,025)	(70,402)	(64,505)	(45,814)	16,865	30,429	23,004		\$ 0.00014	\$	0.06 \$	0.13 \$	0.19
Small C&I																		
GS-1 C&I 0 - 1,500 CCF	1,363,521	2,031,945	1,188,062	858,651	271,652	(284,800)	(602)	103,331	115,801	849,589	1,074,489	2,219,076	9,790,715					
GS-4 C&I 0 - 1,500 CCF	74,551	101,187	62,779	44,217	36,584	(12,887)							306,431					
GS-5 C&I 0 - 1,500 CCF	131,391	149,433	95,295	76,812	51,623	(19,668)							484,886					
GS-NMU C&I 0 - 1,500 CCF	438,569	620,559	338,698	254,047	249,390	(89,246)							1,810,117					
Total Sales	2,008,032	2,903,224	1,684,834	1,233,727	609,249	-406,501	-602	103,331	115,801	849,589	1,074,489	2,219,076	12,392,149					
Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
Total Small C&I	341,647	493,955	286,317	209,306	103,658	(69,179)	(102)	17,581	19,702	144,549	182,814	377,554	2,108,400					
Small C&I Customers	10,928	11,108	10,948	10,917	10,900	11,047	10,998	10,851	10,790	10,835	10,828	10,988	131,138			Therms		
Average Monthly Customers	10,928	11,018	10,995	10,975	10,960	10,975	10,978	10,962	10,943	10,932	10,923	10,928	10,928		567	1,134	1,701	
Distribution Revenues per Avg. Monthly Customers	\$ 31.26	\$ 75.84	\$ 102.04	\$ 121.35	\$ 130.97	\$ 124.50	\$ 124.45	\$ 126.23	\$ 128.25	\$ 141.60	\$ 158.46	\$ 192.93	\$ 192.93					
Forecasted Rev per Avg Monthly Customer	\$ 34.39	\$ 59.85	\$ 83.36	\$ 96.28	\$ 102.62	\$ 105.11	\$ 107.05	\$ 109.19	\$ 113.27	\$ 121.94	\$ 139.04	\$ 164.36	\$ 164.36					
Under/(Over) Collection	29,091	(149,149)	(174,076)	(233,449)	(263,739)	(179,961)	(161,395)	(157,769)	(138,326)	(181,202)	(178,851)	(263,207)		\$ (0.02958)	\$	Annual Revenue Surcharge(Credit)		
10%Cap	151,404	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)				(16.77) \$	(33.54) \$	(50.31)
RDM Recoveries/(Refunds)	29,091	(149,149)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(138,326)	(151,404)	(151,404)	(151,404)		\$ (0.01701)	\$	(9.65) \$	(19.29) \$	(28.94)
PNG Weather Normalization Adjustment	78,453	-12,090	-212,843	-242,825	-51,109	0	0	0	39,156	-23,494	-55,631	-291,837	(772,220)					
PNG Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
PNG Revenue Adjustment	13,348	(2,057)	(36,213)	(41,314)	(8,696)	-	-	-	6,662	(3,997)	(9,465)	(49,653)	(131,386)					
NMU Weather Normalization Adjustment	10,833	-15,569	-45,964	-56,301	-22,791	0	0	0	461	-914	-16,667	-89,567	(236,569)					
NMU Rate (Less CCRC)	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014	0.17014					
NMU Revenue Adjustment	1,843	(2,649)	(7,820)	(9,594)	(3,878)	-	-	-	78	(156)	(2,836)	(15,239)	(40,250)					
Total Adjusted Revenues	356,838	489,249	242,284	158,998	91,084	(69,179)	(102)	17,581	26,443	140,396	170,513	312,662	1,936,765					
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 32.65	\$ 76.79	\$ 98.99	\$ 113.65	\$ 122.12	\$ 115.65	\$ 115.61	\$ 117.38	\$ 120.00	\$ 132.96	\$ 148.69	\$ 177.23	\$ 177.23					
Under/(Over) Collection	16,155	(158,025)	(145,640)	(161,797)	(181,399)	(97,896)	(79,384)	(75,816)	(62,135)	(101,580)	(88,863)	(118,529)		\$ (0.01332)	\$	Annual Revenue Surcharge(Credit)		
10%Cap	151,404	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)	(151,404)				(7.55) \$	(15.10) \$	(22.66)
RDM Recoveries/(Refunds)	16,155	(151,404)	(145,640)	(151,404)	(151,404)	(97,896)	(79,384)	(75,816)	(62,135)	(101,580)	(88,863)	(118,529)		\$ (0.01332)	\$	(7.55) \$	(15.10) \$	(22.66)

Large C&I	January	February	March	April	May	June	July	August	September	October	November	December	Total
GS-1 C&I > 1,500 CCF	17,142,098	16,601,054	13,239,261	9,550,496	5,835,554	-1,048,115	1,407,377	2,122,626	2,881,464	2,132,924	10,027,883	16,703,885	96,596,507
GS-4 C&I > 1,500 CCF													-
GS-5 C&I > 1,500 CCF													-
GS-NMU C&I > 1,500 CCF													-
Total Sales	17,142,098	16,601,054	13,239,261	9,550,496	5,835,554	-1,048,115	1,407,377	2,122,626	2,881,464	2,132,924	10,027,883	16,703,885	96,596,507
Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355
Total Large C&I	2,632,169	2,549,092	2,032,889	1,466,479	896,049	(160,938)	216,103	325,929	442,449	327,510	1,539,781	2,564,882	14,832,394

Large C&I Customers	January	February	March	April	May	June	July	August	September	October	November	December	Total
Average Monthly Customers	10,693	10,717	10,324	10,324	10,338	10,481	10,439	10,342	10,256	10,318	10,305	10,384	124,947
Distribution Revenues per Avg. Monthly Customers	\$ 246.17	\$ 483.45	\$ 681.46	\$ 825.10	\$ 913.44	\$ 898.13	\$ 919.30	\$ 951.94	\$ 996.40	\$ 1,028.96	\$ 1,177.89	\$ 1,424.51	\$ 1,424.51
Forecasted Rev per Avg Monthly Customer	\$ 191.90	\$ 356.69	\$ 491.45	\$ 575.05	\$ 621.94	\$ 645.76	\$ 665.48	\$ 687.99	\$ 731.36	\$ 811.06	\$ 951.08	\$ 1,131.36	\$ 1,131.36

Therms

4,639 9,277 13,916

Annual Revenue Surcharge(Credit)

Under/(Over) Collection \$ (0.03979) \$ (184.55) \$ (369.11) \$ (553.66)

10%Cap (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150)

RDM Recoveries/(Refunds) \$ (0.01536) \$ (71.23) \$ (142.45) \$ (213.68)

PNG Weather Normalization Adjustment	477,294	-75,541	-1,452,297	-1,615,233	-368,382	0	0	0	771,102	-1,708	-531,079	-1,865,330	(4,661,174)
PNG Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355
PNG Revenue Adjustment	73,289	(11,599)	(223,000)	(248,019)	(56,565)	-	-	-	118,403	(262)	(81,547)	(286,421)	(715,723)
NMU Weather Normalization Adjustment	88,320	-95,300	-378,414	-392,979	-183,245	0	0	0	53,046	-9,962	-87,041	-797,729	(1,803,304)
NMU Rate (Less CCRC)	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355	0.15355
NMU Revenue Adjustment	13,562	(14,633)	(59,105)	(60,342)	(28,137)	-	-	-	8,145	(1,530)	(13,365)	(122,491)	(276,897)
Total Adjusted Revenues	2,719,019	2,522,859	1,751,783	1,158,118	811,347	(160,938)	216,103	325,929	568,997	325,718	1,444,869	2,155,969	13,839,773
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 254.29	\$ 489.11	\$ 660.63	\$ 774.83	\$ 854.92	\$ 839.61	\$ 860.74	\$ 893.29	\$ 949.74	\$ 982.08	\$ 1,121.84	\$ 1,329.18	\$ 1,329.18
Under/(Over) Collection	(761,330)	(1,613,985)	(2,059,960)	(2,430,557)	(2,833,033)	(2,352,904)	(2,367,362)	(2,485,374)	(2,640,472)	(2,065,761)	(2,062,014)	(2,390,432)	(18,996,893)
10%Cap	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)
RDM Recoveries/(Refunds)	(761,330)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)	(1,367,150)

Annual Revenue Surcharge(Credit)

Under/(Over) Collection \$ (0.02685) \$ (124.54) \$ (249.07) \$ (373.61)

10%Cap (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150) (1,367,150)

RDM Recoveries/(Refunds) \$ (0.01536) \$ (71.23) \$ (142.45) \$ (213.68)

Small Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
SVI-1	3,609,115	3,652,168	3,127,423	1,568,412	2,453,439	-749,552	176,285	-113,264	870,937	777,558	6,067,618	970,364	22,410,503
SJ-1													-
SVI-4													-
SJ-4													-
SVI-5													-
SJ-5													-
SVI-NMU													-
SJ-NMU													-
Total Small Volume	3,609,115	3,652,168	3,127,423	1,568,412	2,453,439	(749,552)	176,285	(113,264)	870,937	777,558	6,067,618	970,364	22,410,503
Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134
Total Small Volume Revenues	329,657	333,589	285,659	143,259	224,097	(68,464)	16,102	(10,346)	79,551	71,022	554,216	88,633	2,046,975

Small Volume Int & Joint Customers	392	400	396	382	397	397	387	395	393	398	395	386	4,718
Average Monthly Customers	392	396	396	392	393	394	393	393	393	394	394	393	393
Distribution Revenues per Avg. Monthly Customers	\$ 841.89	\$ 1,675.64	\$ 2,397.50	\$ 2,782.94	\$ 3,347.05	\$ 3,168.34	\$ 3,216.84	\$ 3,188.21	\$ 3,391.04	\$ 3,567.03	\$ 4,973.20	\$ 5,206.49	\$ 5,206.49
Forecasted Rev per Avg Monthly Customer	\$ 752.18	\$ 1,389.90	\$ 1,951.28	\$ 2,339.05	\$ 2,588.49	\$ 2,711.91	\$ 2,814.29	\$ 2,913.78	\$ 3,036.36	\$ 3,273.50	\$ 3,670.57	\$ 4,189.58	\$ 4,189.58

Therms

28,501 57,001 85,502

Annual Revenue Surcharge(Credit)

Under/(Over) Collection \$ (0.02217) \$ (631.87) \$ (1,263.74) \$ (1,895.60)

10%Cap (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502) (222,502)

RDM Recoveries/(Refunds) \$ (0.00913) \$ (260.32) \$ (520.65) \$ (780.97)

Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
LVI-1 TP	1,394,537	1,166,467	1,359,239	766,338	888,720	369,238	394,950	372,470	1,130,421	535,093	3,775,473	5,434,026	17,586,972
LVI-1 Mainline													-
LVI-4													-
LJ-5 TP													-
LVI-NMU TP													-
Total Large Volume	1,394,537	1,166,467	1,359,239	766,338	888,720	369,238	394,950	372,470	1,130,421	535,093	3,775,473	5,434,026	17,586,972
Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055
Total Large Volume Revenues	28,658	23,971	27,932	15,748	18,263	7,588	8,116	7,654	23,230	10,996	77,586	111,669	361,412

Large Volume Int & Joint Customers	65	70	65	64	64	66	64	63	66	70	66	64	787
Average Monthly Customers	65	67	66	66	65	66	65	65	65	66	66	66	66
Distribution Revenues per Avg. Monthly Customers	\$ 442.70	\$ 783.55	\$ 1,212.46	\$ 1,462.00	\$ 1,749.20	\$ 1,862.67	\$ 1,991.71	\$ 2,118.48	\$ 2,471.09	\$ 2,620.75	\$ 3,801.26	\$ 5,512.84	\$ 5,512.84
Forecasted Rev per Avg Monthly Customer	\$ 360.55	\$ 683.86	\$ 965.61	\$ 1,164.37	\$ 1,321.20	\$ 1,503.65	\$ 1,693.18	\$ 1,887.86	\$ 2,188.00	\$ 2,581.94	\$ 3,034.93	\$ 3,624.82	\$ 3,624.82

Therms

134,132 268,264 402,397

Annual Revenue Surcharge(Credit)

Under/(Over) Collection \$ (0.01070) \$ (1,435.70) \$ (2,871.40) \$ (4,307.09)

10%Cap (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340) (26,340)

RDM Recoveries/(Refunds) \$ (0.00206) \$ (275.64) \$ (551.28) \$ (826.93)

Small Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total
SVI-1 Transport	774,353	809,094	717,260	463,629	471,705	240,977	213,540	220,526	331,758	316,755	596,947	748,610	5,905,154
SJ-1 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SVI-4 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SJ-4 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SVI-5 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SJ-5 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SVI-NMU Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
SJ-NMU Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Small Volume Transport	774,353	809,094	717,260	463,629	471,705	240,977	213,540	220,526	331,758	316,755	596,947	748,610	5,905,154
Rate (Less CCRC)	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134	0.09134
Total Small Volume Transport Revenues	70,729	73,903	65,515	42,348	43,086	22,011	19,505	20,143	30,303	28,932	54,525	68,378	539,377

Small Volume Transport Customers	47	47	46	46	45	45	45	45	45	45	45	44	545							
Average Monthly Customers	47	47	47	46	46	46	46	46	46	46	46	45	45			Therms				
Distribution Revenues per Avg. Monthly Customers	\$ 1,504.88	\$ 3,079.46	\$ 4,505.29	\$ 5,431.94	\$ 6,399.68	\$ 6,896.65	\$ 7,344.13	\$ 7,802.09	\$ 8,480.11	\$ 9,127.19	\$ 10,335.10	\$ 11,869.65	\$ 11,869.65							
Forecasted Rev per Avg Monthly Customer	\$ 1,954.67	\$ 4,067.65	\$ 5,926.92	\$ 7,347.03	\$ 8,827.41	\$ 10,028.04	\$ 11,335.46	\$ 12,400.60	\$ 13,194.89	\$ 13,968.13	\$ 14,983.54	\$ 16,421.38	\$ 16,421.38							
Under/(Over) Collection	16,192	37,057	51,179	68,943	85,942	111,164	140,267	160,373	164,493	169,917	163,118	160,448	\$	0.02532	\$	1,645.03	\$	3,290.06	\$	4,935.10
10%Cap	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885								
RDM Recoveries/(Refunds)	16,192	37,057	51,179	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	57,885	\$	0.00913	\$	593.48	\$	1,186.97	\$	1,780.45

Large Volume Transport	January	February	March	April	May	June	July	August	September	October	November	December	Total
LVI-1 TP Transport	6,229,445	7,142,494	5,858,028	5,116,379	5,921,264	6,963,344	3,160,862	5,224,324	5,829,362	6,604,659	5,144,860	6,163,426	69,358,447
LVI-1 Mainline Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LJ-1 TP Transport	1,972,933	2,688,152	2,672,352	2,131,065	1,141,348	535,420	889,334	1,029,278	852,075	1,135,857	1,695,047	2,163,591	18,906,452
LJ-1 Mainline Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LJ-4 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LVI-5 Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LJ-5 TP Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LVI-NMU TP Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LJ-NMU TP Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
LVI-NMU Mainline Transport	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Flex Large Volume Transport	8,202,378	9,830,646	8,530,380	7,247,444	7,062,612	7,498,764	4,050,196	6,253,602	6,681,437	7,740,516	6,839,907	8,327,017	88,264,899
Non-Flex Rate (Less CCRC)	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055	0.02055
Non-Flex Revenues	168,559	202,020	175,259	148,935	145,137	154,100	83,232	128,512	137,304	159,068	140,560	171,120	1,813,844

Transport LVJ-ML Flex Customer A	496,523	390,689	468,395	505,205	493,142	652,152	633,740	555,351	379,453	198,967	720,090	470,151	5,963,858
FLEX Rate (Less CCRC)	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063	-0.01063
FLEX Revenues	(5,278)	(4,153)	(4,979)	(5,370)	(5,242)	(6,932)	(6,737)	(5,903)	(4,034)	(2,115)	(7,655)	(4,998)	(63,396)
Transport LVI-TP Flex Customer B	978,634	932,797	989,300	993,377	895,396	1,220,866	1,112,494	1,163,060	941,792	992,408	1,253,304	1,159,804	12,633,232
FLEX Rate (Less CCRC)	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013	-0.01013
FLEX Revenues	(9,914)	(9,448)	(10,022)	(10,063)	(9,070)	(12,367)	(11,270)	(11,782)	(9,540)	(10,053)	(12,696)	(11,749)	(127,975)
Transport LVI-TP Flex Customer C	970,625	820,983	1,205,782	1,195,033	1,274,608	-1,259,370	0	0	0	0	2,406,180	1,369,234	7,983,075
FLEX Rate (Less CCRC)	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813	-0.00813
FLEX Revenues	(7,891)	(6,675)	(9,803)	(9,716)	(10,363)	10,239	-	-	-	-	(19,562)	(11,132)	(64,902)
Transport LVI-TP Flex Customer D	0	0	0	0	0	0	2,144,246	1,267,736	1,137,807	1,341,909	-1,297,470	0	4,594,228
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	-	-	-	-	-	-	(279)	(165)	(148)	(174)	169	-	(597)
Transport LVJ-TP Flex Customer E	680,263	604,014	775,135	693,561	476,115	482,451	427,192	478,192	507,889	537,008	732,792	732,753	7,127,365
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	(88)	(79)	(101)	(90)	(62)	(63)	(56)	(62)	(66)	(70)	(95)	(95)	(927)
Transport LVI-TP Flex Customer F	378,441	279,137	350,468	259,536	-308,340	0	507,203	236,317	278,857	223,752	227,061	474,106	2,906,538
FLEX Rate (Less CCRC)	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613	-0.00613
FLEX Revenues	(2,320)	(1,711)	(2,148)	(1,591)	1,890	-	(3,109)	(1,449)	(1,709)	(1,372)	(1,392)	(2,906)	(17,817)
LVI-1 TP Transport Flex Customer G	296,639	55,271	109,419	100,532	139,492	-135,230	219,188	99,709	150,489	162,743	185,650	309,788	1,693,690
FLEX Rate (Less CCRC)	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013	-0.00013
FLEX Revenues	(39)	(7)	(14)	(13)	(18)	18	(28)	(13)	(20)	(21)	(24)	(40)	(220)
Total Large Volume Transport Revenues	143,029	179,946	148,232	122,092	122,272	144,993	61,753	109,138	121,787	145,262	99,305	140,200	1,538,010

Large Volume Transport Customers	94	94	94	94	93	93	90	93	93	93	93	93	1,117							
Average Monthly Customers	94	94	94	94	94	94	93	93	93	93	93	93	93			Therms				
Distribution Revenues per Avg. Monthly Customers	\$ 1,521.59	\$ 3,435.91	\$ 5,012.85	\$ 6,311.70	\$ 7,628.69	\$ 9,187.52	\$ 9,902.19	\$ 11,076.04	\$ 12,385.66	\$ 13,947.42	\$ 15,015.53	\$ 16,522.93	\$ 16,522.93							
Forecasted Rev per Avg Monthly Customer	\$ 1,227.79	\$ 2,248.67	\$ 3,267.65	\$ 4,281.44	\$ 5,452.82	\$ 6,837.05	\$ 8,414.10	\$ 10,138.99	\$ 11,550.53	\$ 13,006.05	\$ 14,047.68	\$ 15,117.62	\$ 15,117.62							
Under/(Over) Collection	(37,019)	(150,779)	(219,895)	(256,828)	(274,595)	(296,551)	(187,499)	(117,951)	(105,041)	(118,425)	(121,686)	(176,953)	\$	(0.00105)	\$	(741.16)	\$	(1,482.31)	\$	(2,223.47)
10%Cap	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)	(190,356)								
RDM Recoveries/(Refunds)	(37,019)	(150,779)	(190,356)	(190,356)	(190,356)	(190,356)	(187,499)	(117,951)	(105,041)	(118,425)	(121,686)	(176,953)	\$	(0.00105)	\$	(741.16)	\$	(1,482.31)	\$	(2,223.47)

Therms 64,975 129,950 194,925

Annual Revenue Surcharge(Credit) 0.02532 1,645.03 3,290.06 4,935.10

Therms 704,567 1,409,134 2,113,701

Annual Revenue Surcharge(Credit) (0.00105) (741.16) (1,482.31) (2,223.47)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Super Large Volume Interruptible & Joint													
SLV Interruptible Transport - CIP Exempt	0	0	0	0	0	0	25,185,927	14,967,928	12,026,739	14,087,763	14,784,500	18,917,018	99,969,875
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	-	-	-	-	-	-	105,781	62,865	50,512	59,169	62,095	79,451	419,873
SLV Interruptible Transport - CIP Applicable	19,449,817	17,491,144	18,317,604	16,552,491	13,278,097	14,013,046	-14,690,122	458,913	-270,197	366,704	-27,733	-44,514	84,895,250
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	81,689	73,463	76,934	69,520	55,768	58,855	(61,699)	1,927	(1,135)	1,540	(116)	(187)	356,560
SLV Joint Transport	-1,151,917	3,753,163	68,372	1,614,903	2,596,963	2,058,953	92,319	5,787,340	2,179,412	3,705,547	2,139,148	2,747,390	25,591,593
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	
Revenues	(4,838)	15,763	287	6,783	10,907	8,648	388	24,307	9,154	15,563	8,984	11,539	107,485
SLV-NMU I TP Transport CIP Exempt	0	0	0	0	0	0	7,579,465	2,539,144	4,631,855	2,558,460	3,202,549	1,480,043	21,991,516
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	
Revenues	-	-	-	-	-	-	64,425	21,583	39,371	21,747	27,222	12,580	186,928
SLV-NMU I TP Transport CIP Applicable	4,032,337	4,306,087	4,090,483	4,609,805	2,403,185	4,820,727	-4,214,960	0	0	0	0	0	20,047,664
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	
Revenues	34,275	36,602	34,769	39,183	20,427	40,976	(35,827)	-	-	-	-	-	170,405
Total Super Large Volume Revenues	111,126	125,828	111,990	115,486	87,102	108,479	73,068	110,682	97,902	98,019	98,185	103,384	1,241,251
Super Large Volume Customers	25	25	25	25	25	25	25	25	25	25	25	22	297
Average Monthly Customers	25	25	25	25	25	25	25	25	25	25	25	25	25
Distribution Revenues per Avg. Monthly Customers	\$ 4,445.04	\$ 9,478.15	\$ 13,957.76	\$ 18,577.22	\$ 22,061.31	\$ 26,400.46	\$ 29,323.19	\$ 33,750.48	\$ 37,666.55	\$ 41,587.31	\$ 45,514.69	\$ 50,151.57	\$ 50,151.57
Forecasted Rev per Avg Monthly Customer	\$ 4,105.75	\$ 7,834.08	\$ 11,785.15	\$ 15,162.26	\$ 17,861.70	\$ 20,181.34	\$ 22,282.93	\$ 24,398.69	\$ 26,883.51	\$ 30,078.63	\$ 33,506.71	\$ 37,055.73	\$ 37,055.73
Under/(Over) Collection	(9,840)	(46,856)	(61,557)	(96,473)	(118,429)	(175,172)	(198,133)	(263,019)	(303,123)	(324,545)	(339,498)	(371,049)	
10%Cap	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	
RDM Recoveries/(Refunds)	(9,840)	(46,856)	(61,557)	(96,473)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	(104,991)	

	Therms	Annual Revenue Surcharge(Credit)
Average Monthly Customers	5,100,927	10,201,854
Distribution Revenues per Avg. Monthly Customers	15,302,782	
Forecasted Rev per Avg Monthly Customer		
Under/(Over) Collection		
10%Cap		
RDM Recoveries/(Refunds)		

2014 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential																	
Total Sales	45,472,523	36,534,238	29,817,062	17,814,751	5,496,748	-599,389	475,211	2,634,979	2,966,374	6,596,047	16,104,492	38,075,422	201,388,458				
Rate (Less CCRC)	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358				
Total Residential	8,802,571	7,072,298	5,771,987	3,448,579	1,064,060	(116,030)	91,991	510,079	574,231	1,276,863	3,117,508	7,370,640	38,984,778				
Residential Customers	197,769	193,361	193,636	188,175	192,368	193,639	193,974	193,120	193,133	194,569	193,571	193,913	2,321,228			Thrms	
Average Monthly Customers	197,769	195,565	194,922	192,235	193,062	193,158	193,275	193,255	193,242	193,374	193,392	193,436	193,436		521	1,041	1,562
Distribution Revenues per Avg. Monthly Customers	\$ 44.51	\$ 81.17	\$ 111.05	\$ 129.87	\$ 135.50	\$ 134.83	\$ 135.22	\$ 137.88	\$ 140.86	\$ 147.37	\$ 163.47	\$ 201.54	\$ 201.54				
Forecasted Rev per Avg Monthly Customer	\$ 31.21	\$ 60.59	\$ 85.69	\$ 100.49	\$ 109.62	\$ 113.98	\$ 117.31	\$ 120.44	\$ 124.86	\$ 132.55	\$ 146.63	\$ 170.48	\$ 170.48				
Under/(Over) Collection	(2,584,073)	(3,978,281)	(4,884,991)	(5,664,878)	(4,989,782)	(4,020,994)	(3,453,797)	(3,359,906)	(3,080,911)	(2,851,908)	(3,241,733)	(5,981,320)		\$ (0.03527)	\$ (18.36)	\$ (36.72)	\$ (55.07)
10%Cap	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)					
RDM Recoveries/(Refunds)	(2,584,073)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,080,911)	(2,851,908)	(3,241,733)	(3,283,235)		\$ (0.01936)	\$ (10.08)	\$ (20.15)	\$ (30.23)
Weather Normalization Adjustment	(5,668,099)	(7,095,394)	(4,754,123)	(2,809,144)	(1,119,459)	-	-	-	(66,630)	(116,626)	(3,304,751)	3,476,996	(20,257,230)				
Rate (Less CCRC)	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358				
Revenue Adjustment	(1,097,231)	(1,373,526)	(920,303)	(505,078)	(23,125)	-	-	-	(12,898)	(22,576)	(639,734)	673,077	(3,921,395)				
Total Adjusted Revenues	7,705,340	5,698,771	4,851,684	2,943,501	1,040,936	(116,030)	91,991	510,079	561,332	1,254,286	2,477,774	8,043,717	35,063,383				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 38.96	\$ 68.54	\$ 93.66	\$ 109.71	\$ 115.20	\$ 114.54	\$ 114.95	\$ 117.60	\$ 120.51	\$ 126.91	\$ 139.71	\$ 181.27	\$ 181.27				
Under/(Over) Collection	(1,505,800)	(1,536,437)	(1,534,587)	(1,776,820)	(1,074,855)	(107,642)	455,834	547,369	837,625	1,085,467	1,331,042	(2,077,137)		\$ (0.01225)	\$ (6.38)	\$ (12.75)	\$ (19.13)
10%Cap	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)	(3,283,235)					
RDM Recoveries/(Refunds)	(1,505,800)	(1,536,437)	(1,534,587)	(1,776,820)	(1,074,855)	(107,642)	455,834	547,369	837,625	1,085,467	1,331,042	(2,077,137)		\$ (0.01225)	\$ (6.38)	\$ (12.75)	\$ (19.13)
Small C&I																	
Total Sales	3,632,801	3,020,064	2,349,708	1,097,790	103,310	-171,787	-49,475	104,879	128,507	443,789	1,198,474	3,092,937	14,950,997				
Rate (Less CCRC)	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668				
Total Small C&I	569,187	473,184	368,152	172,002	16,187	(26,916)	(7,752)	16,432	20,134	69,533	187,777	484,601	2,342,522				
Small C&I Customers	11,282	11,054	11,044	10,790	10,906	11,001	10,990	10,976	10,897	10,985	10,946	10,949	131,820			Thrms	
Average Monthly Customers	11,282	11,168	11,127	11,043	11,015	11,013	11,010	11,005	10,993	10,988	10,988	10,985	10,985		681	1,361	2,042
Distribution Revenues per Avg. Monthly Customers	\$ 50.45	\$ 93.34	\$ 126.77	\$ 143.31	\$ 145.14	\$ 142.72	\$ 142.06	\$ 143.61	\$ 145.60	\$ 151.93	\$ 169.08	\$ 213.25	\$ 213.25				
Forecasted Rev per Avg Monthly Customer	\$ 29.40	\$ 56.86	\$ 80.59	\$ 93.59	\$ 98.96	\$ 100.60	\$ 102.27	\$ 104.19	\$ 108.10	\$ 115.96	\$ 129.64	\$ 151.86	\$ 151.86				
Under/(Over) Collection	(234,553)	(403,290)	(507,925)	(540,870)	(503,806)	(460,321)	(435,358)	(431,523)	(410,708)	(394,022)	(432,008)	(672,793)		\$ (0.06334)	\$ (43.10)	\$ (86.21)	\$ (129.31)
10%Cap	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)					
RDM Recoveries/(Refunds)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)		\$ (0.01567)	\$ (10.66)	\$ (21.32)	\$ (31.99)
Weather Normalization Adjustment	(463,257)	(602,425)	(387,204)	(165,829)	(1,091)	-	-	-	(2,646)	(8,732)	(257,419)	290,041	(1,598,562)				
Rate (Less CCRC)	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668				
Revenue Adjustment	(72,583)	(94,388)	(60,667)	(25,982)	(171)	-	-	-	(415)	(1,368)	(40,332)	45,444	(250,463)				
Total Adjusted Revenues	496,604	378,796	307,485	146,202	16,016	(26,916)	(7,752)	16,432	19,720	68,165	147,444	530,045	2,092,060				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 44.02	\$ 78.38	\$ 106.31	\$ 120.34	\$ 122.10	\$ 119.68	\$ 119.01	\$ 120.55	\$ 122.47	\$ 128.69	\$ 142.15	\$ 190.45	\$ 190.45				
Under/(Over) Collection	(162,877)	(237,994)	(282,885)	(291,028)	(252,448)	(208,504)	(183,174)	(179,058)	(157,417)	(139,357)	(137,088)	(422,915)		\$ (0.03982)	\$ (27.09)	\$ (54.19)	\$ (81.28)
10%Cap	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)					
RDM Recoveries/(Refunds)	(162,877)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(157,417)	(137,088)	(166,426)		\$ (0.01567)	\$ (10.66)	\$ (21.32)	\$ (31.99)
Large C&I																	
Total Sales	22,132,905	18,316,973	15,771,681	9,221,672	2,643,852	550,247	837,466	1,972,077	2,233,697	4,065,438	9,279,839	19,075,459	106,101,306				
Rate (Less CCRC)	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131				
Total Large C&I	3,127,601	2,588,371	2,228,696	1,303,114	373,603	77,755	118,342	278,674	315,644	574,487	1,311,334	2,695,553	14,993,176				
Large C&I Customers	10,685	10,435	10,405	10,230	10,355	10,415	10,456	10,456	10,389	10,480	10,435	10,411	125,152			Thrms	
Average Monthly Customers	10,685	10,560	10,508	10,439	10,422	10,421	10,426	10,430	10,425	10,431	10,431	10,429	10,429		5,087	10,173	15,260
Distribution Revenues per Avg. Monthly Customers	\$ 292.71	\$ 541.29	\$ 756.04	\$ 885.91	\$ 923.18	\$ 930.75	\$ 941.65	\$ 968.03	\$ 998.72	\$ 1,053.27	\$ 1,178.95	\$ 1,437.60	\$ 1,437.60				
Forecasted Rev per Avg Monthly Customer	\$ 197.20	\$ 387.29	\$ 555.06	\$ 649.39	\$ 712.90	\$ 746.08	\$ 774.11	\$ 801.11	\$ 837.98	\$ 897.60	\$ 997.15	\$ 1,151.32	\$ 1,151.32				
Under/(Over) Collection	(1,012,014)	(1,618,142)	(2,103,092)	(2,501,116)	(2,219,569)	(1,947,335)	(1,765,510)	(1,757,984)	(1,691,775)	(1,637,849)	(1,910,924)	(3,009,597)		\$ (0.03514)	\$ (178.73)	\$ (357.47)	\$ (536.20)
10%Cap	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)					
RDM Recoveries/(Refunds)	(1,012,014)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)		\$ (0.01413)	\$ (71.88)	\$ (143.76)	\$ (215.64)
Weather Normalization Adjustment	(2,633,500)	(3,383,769)	(2,362,441)	(1,207,634)	(27,559)	-	-	-	(30,766)	(54,069)	(1,722,295)	1,651,583	(9,770,450)				
Rate (Less CCRC)	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131				
Revenue Adjustment	(372,140)	(478,160)	(333,837)	(170,651)	(3,894)	-	-	-	(4,348)	(7,640)	(243,378)	233,385	(1,380,662)				
Total Adjusted Revenues	2,755,461	2,110,211	1,894,860	1,132,464	369,708	77,755	118,342	278,674	311,296	566,847	1,067,957	2,928,938	13,612,513				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 257.88	\$ 460.76	\$ 643.35	\$ 756.12	\$ 792.87	\$ 800.36	\$ 811.33	\$ 837.76	\$ 867.98	\$ 921.87	\$ 1,024.21	\$ 1,305.21	\$ 1,305.21				
Under/(Over) Collection	(642,974)	(772,070)	(923,913)	(1,128,678)	(843,496)	(572,442)	(392,195)	(385,916)	(315,700)	(255,326)	(284,469)	(1,617,892)		\$ (0.01889)	\$ (96.08)	\$ (192.17)	\$ (288.25)
10%Cap	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)					
RDM Recoveries/(Refunds)	(642,974)	(772,070)	(923,913)	(1,128,678)	(843,496)	(572,442)	(392,195)	(385,916)	(315,700)	(255,326)	(284,469)	(1,210,350)		\$ (0.01413)	\$ (71.88)	\$ (143.76)	\$ (215.64)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Small Volume Interruptible & Joint													
Total Small Volume	5,924,422	3,116,247	4,014,993	1,571,360	379,877	461,187	(19,899)	444,763	444,698	851,796	3,710,532	4,736,691	25,636,667
Rate (Less CCRC)	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	
Total Small Volume Revenues	357,954	188,284	242,586	94,942	22,952	27,865	(1,202)	26,873	26,869	51,466	224,190	286,191	1,548,967
Small Volume Int & Joint Customers	396	393	393	389	388	382	383	377	384	380	380	380	4,625
Average Monthly Customers	396	395	394	393	392	390	389	388	387	387	386	385	385
Distribution Revenues per Avg. Monthly Customers	\$ 903.92	\$ 1,384.63	\$ 2,002.09	\$ 2,250.20	\$ 2,314.23	\$ 2,395.34	\$ 2,398.55	\$ 2,477.27	\$ 2,549.24	\$ 2,687.16	\$ 3,272.21	\$ 4,018.94	\$ 4,018.94
Forecasted Rev per Avg Monthly Customer	\$ 432.31	\$ 838.06	\$ 1,197.23	\$ 1,477.34	\$ 1,708.40	\$ 1,911.51	\$ 2,093.79	\$ 2,280.30	\$ 2,482.58	\$ 2,734.80	\$ 3,050.57	\$ 3,430.42	\$ 3,430.42
Under/(Over) Collection	(190,060)	(219,447)	(321,406)	(308,563)	(241,002)	(190,630)	(120,337)	(78,025)	(26,404)	18,875	(87,769)	(233,495)	\$ (0.01037) \$ (344.74) \$ (689.49) \$ (1,034.23)
10%Cap	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	136,102	(136,102)	(136,102)	
RDM Recoveries/(Refunds)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(136,102)	(78,025)	(26,404)	18,875	(87,769)	(136,102)	\$ (0.00604) \$ (200.95) \$ (401.89) \$ (602.84)
Large Volume Interruptible & Joint													
Total Large Volume	777,000	1,241,589	2,055,104	-10,317,306	10,388,218	559,460	-111,841	1,172,055	538,360	917,366	3,510,138	2,836,692	12,012,835
Rate (Less CCRC)	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	
Total Large Volume Revenues	(16,356)	26,135	43,260	(217,179)	218,672	11,777	(2,354)	24,672	11,332	19,311	73,888	59,712	252,870
Large Volume Int & Joint Customers	68	65	65	70	74	67	69	69	69	67	67	67	817
Average Monthly Customers	68	67	66	67	68	68	68	68	68	68	68	68	68
Distribution Revenues per Avg. Monthly Customers	\$ (240.53)	\$ 147.06	\$ 803.63	\$ (2,449.85)	\$ 797.25	\$ 972.75	\$ 936.57	\$ 1,296.18	\$ 1,460.44	\$ 1,746.26	\$ 2,832.98	\$ 3,714.13	\$ 3,714.13
Forecasted Rev per Avg Monthly Customer	\$ 535.26	\$ 1,041.67	\$ 1,483.84	\$ 1,805.29	\$ 2,062.93	\$ 2,279.32	\$ 2,496.78	\$ 2,718.52	\$ 2,961.40	\$ 3,254.94	\$ 3,626.50	\$ 4,073.45	\$ 4,073.45
Under/(Over) Collection	51,202	58,597	44,440	281,903	84,547	87,540	104,757	95,830	101,065	101,836	53,599	24,344	\$ 0.00186 \$ 163.81 \$ 327.63 \$ 491.44
10%Cap	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	
RDM Recoveries/(Refunds)	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	24,344	\$ 0.00186 \$ 163.81 \$ 327.63 \$ 491.44
Small Volume Transport													
Total Small Volume Transport	922,249	675,015	786,658	363,275	272,227	225,999	175,685	222,721	342,943	390,164	434,522	1,001,544	5,813,002
Rate (Less CCRC)	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	
Total Small Volume Transport Revenues	55,722	40,784	47,530	21,949	16,448	13,655	10,615	13,457	20,721	23,574	26,254	60,513	351,222
Small Volume Transport Customers	47	48	45	46	45	47	47	47	47	47	48	52	566
Average Monthly Customers	47	48	47	47	46	46	46	47	47	47	47	47	47
Distribution Revenues per Avg. Monthly Customers	\$ 1,185.58	\$ 2,031.72	\$ 3,086.50	\$ 3,569.58	\$ 3,948.78	\$ 4,232.12	\$ 4,452.07	\$ 4,734.63	\$ 5,174.05	\$ 5,674.99	\$ 6,221.38	\$ 7,446.39	\$ 7,446.39
Forecasted Rev per Avg Monthly Customer	\$ 1,093.20	\$ 2,111.36	\$ 2,999.95	\$ 3,701.05	\$ 4,301.76	\$ 4,795.26	\$ 5,286.18	\$ 5,793.88	\$ 6,323.23	\$ 6,981.03	\$ 7,795.82	\$ 8,762.36	\$ 8,762.36
Under/(Over) Collection	(4,249)	3,664	(3,981)	6,047	16,096	25,529	37,654	47,666	51,585	58,511	70,420	58,999	\$ 0.00907 \$ 559.17 \$ 1,118.33 \$ 1,677.50
10%Cap	(39,285)	39,285	(39,285)	39,285	39,285	39,285	39,285	39,285	39,285	39,285	39,285	39,285	
RDM Recoveries/(Refunds)	(4,249)	3,664	(3,981)	6,047	16,096	25,529	37,654	39,285	39,285	39,285	39,285	39,285	\$ 0.00604 \$ 372.32 \$ 744.64 \$ 1,116.96
Large Volume Transport													
Total Non-Flex Large Volume Transport	11,906,632	6,934,808	10,855,848	6,315,931	8,651,279	4,526,573	6,943,538	7,293,806	7,589,096	7,709,288	8,393,322	11,042,707	98,162,828
Non-Flex Rate (Less CCRC)	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	
Non-Flex Revenues	250,635	145,978	228,516	132,590	182,109	95,284	146,161	153,535	159,750	162,281	176,679	232,449	2,066,328
Transport LVJ-ML Flex Customer A	829,238	387,035	604,367	437,597	510,669	26,552	684,266	523,419	522,522	554,887	599,083	609,005	6,288,640
FLEX Rate (Less CCRC)	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	
FLEX Revenues	(4,022)	(1,877)	(2,931)	(2,122)	(2,477)	(129)	(3,319)	(2,539)	(2,534)	(2,691)	(2,906)	(2,954)	(30,500)
Transport LVI-TP Flex Customer B	1,249,751	1,050,292	1,066,906	1,098,677	1,178,657	1,027,794	1,164,089	1,134,016	1,082,973	1,077,653	1,246,669	1,177,754	13,555,231
FLEX Rate (Less CCRC)	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	
FLEX Revenues	6,249	5,251	5,335	5,493	5,893	5,139	5,820	5,670	5,415	5,388	6,233	5,889	67,776
Transport LVI-TP Flex Customer C	1,289,507	692,198	1,276,649	1,273,568	1,102,467	-1,207,870					2,396,139	1,280,533	8,103,191
FLEX Rate (Less CCRC)	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	
FLEX Revenues	9,027	4,845	8,937	8,915	7,717	(8,455)	-	-	-	-	16,773	8,964	56,722
Transport LVI-TP Flex Customer D						2,426,278	1,170,337	1,332,723	906,408	1,208,676	-1,193,690		5,850,732
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	
FLEX Revenues	-	-	-	-	-	36,394	17,555	19,991	13,596	18,130	(17,905)	-	87,761
Transport LVJ-TP Flex Customer E	443,424	432,324	610,366	600,601	532,428	374,440	461,299	457,756	371,096	587,054	650,389	-586,350	4,934,827
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	
FLEX Revenues	6,651	6,485	9,155	9,009	7,986	5,617	6,919	6,866	5,566	8,806	9,756	(8,795)	74,022
Transport LVI-TP Flex Customer F	-1,439,526	725,520											(714,006)
FLEX Rate (Less CCRC)	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	-0.00298	
FLEX Revenues	4,290	(2,162)	-	-	-	-	-	-	-	-	-	-	2,128
LVI-1 TP Transport Flex Customer G	385,603	222,683	337,197	170,094	158,678	112,185	100,548	158,092	135,258	165,534	127,766	95,674	2,169,312
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	
FLEX Revenues	2,129	1,229	1,861	939	876	619	555	873	747	914	705	528	11,975

Total Large Volume Transport Revenues	274,958	159,749	250,872	155,184	202,106	134,469	173,693	184,396	182,540	192,827	189,336	236,081	2,336,212
Large Volume Transport Customers	95	94	94	95	95	96	96	95	95	95	95	97	1,142
Average Monthly Customers	95	95	94	95	95	95	95	95	95	95	95	95	95
Distribution Revenues per Avg. Monthly Customers	\$ 2,894.29	\$ 4,600.08	\$ 7,267.63	\$ 8,896.97	\$ 11,023.99	\$ 12,414.82	\$ 14,221.39	\$ 16,162.40	\$ 18,083.87	\$ 20,113.63	\$ 22,106.64	\$ 24,548.64	\$ 24,548.64
Forecasted Rev per Avg Monthly Customer	\$ 2,623.47	\$ 5,066.85	\$ 7,224.37	\$ 8,928.29	\$ 10,276.43	\$ 11,400.28	\$ 12,542.74	\$ 13,727.02	\$ 14,963.84	\$ 16,505.18	\$ 18,382.29	\$ 20,728.54	\$ 20,728.54
Under/(Over) Collection	(25,999)	44,810	(4,138)	2,991	(71,467)	(96,889)	(159,951)	(231,665)	(296,403)	(342,442)	(353,813)	(362,591)	\$ (0.00298) \$
10%Cap	(196,748)	196,748	(196,748)	196,748	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(2,163.49) \$
RDM Recoveries/(Refunds)	(25,999)	44,810	(4,138)	2,991	(71,467)	(96,889)	(159,951)	(231,665)	(296,403)	(342,442)	(353,813)	(362,591)	(4,326.98) \$
													(6,490.48)
													\$ (0.00162) \$
													(1,173.95) \$
													(2,347.90) \$
													(3,521.85)
Super Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
SLV Interruptible Transport - CIP Exempt	20,607,572	16,533,840	18,903,354	19,865,384	12,826,035	17,346,176	15,402,554	18,518,974	16,045,301	20,053,446	17,836,045	25,597,879	219,536,560
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	86,552	69,442	79,394	83,435	53,869	72,854	64,691	77,780	67,390	84,224	74,911	107,511	922,054
SLV Interruptible Transport - CIP Applicable	35,807	39,010	24,297	20,432	-2,763	155,351	-83,560	285,586	79,283	-108,028	75,980	225,411	746,806
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	150	164	102	86	(12)	652	(351)	1,199	333	(454)	319	947	3,137
SLV Joint Transport	6,403,629	4,258,423	1,217,468	-300,953	97,524	1,036,353	1,893,094	770,849	1,055,667	276,535	2,410,491	3,736,971	22,856,051
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	26,895	17,885	5,113	(1,264)	410	4,353	7,951	3,238	4,434	1,161	10,124	15,695	95,995
SLV-NMU TP Transport CIP Exempt	12,745,995	624,457	4,662,019	2,093,511	1,679,511	6,558,630	1,139,661	2,042,756	4,202,473	2,219,421	4,808,823	3,125,838	45,903,095
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850
Revenues	108,341	5,308	39,627	17,795	14,276	55,748	9,687	17,363	35,721	18,865	40,875	26,570	390,176
SLV-NMU TP Transport CIP Applicable													-
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	-
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	221,938	92,799	124,237	100,051	68,543	133,607	81,978	99,580	107,878	103,797	126,230	150,723	1,411,362
Super Large Volume Customers	28	25	25	25	25	25	25	25	25	25	25	25	303
Average Monthly Customers	28	27	26	26	26	26	25	25	25	25	25	25	25
Distribution Revenues per Avg. Monthly Customers	\$ 7,926.37	\$ 11,876.89	\$ 16,883.63	\$ 20,933.03	\$ 23,733.15	\$ 29,065.73	\$ 32,371.23	\$ 36,363.91	\$ 40,682.06	\$ 44,838.32	\$ 49,881.40	\$ 55,895.52	\$ 55,895.52
Forecasted Rev per Avg Monthly Customer	\$ 6,544.04	\$ 12,391.06	\$ 17,721.79	\$ 21,935.61	\$ 25,124.99	\$ 27,916.81	\$ 30,703.25	\$ 33,593.01	\$ 36,611.94	\$ 40,376.19	\$ 45,048.01	\$ 50,616.16	\$ 50,616.16
Under/(Over) Collection	(34,558)	13,111	21,234	25,315	35,353	(29,106)	(42,176)	(69,965)	(102,658)	(112,446)	(121,714)	(133,304)	\$ (0.00051) \$
10%Cap	(127,806)	127,806	127,806	127,806	127,806	(127,806)	(127,806)	(127,806)	(127,806)	(127,806)	(127,806)	(127,806)	(2,938.94) \$
RDM Recoveries/(Refunds)	(34,558)	13,111	21,234	25,315	35,353	(29,106)	(42,176)	(69,965)	(102,658)	(112,446)	(121,714)	(127,806)	(5,877.89) \$
													(8,816.83)
													\$ (0.00049) \$
													(2,817.73) \$
													(5,635.46) \$
													(8,453.19)

Therms
726,887 1,453,773 2,180,660

Annual Revenue Surcharge/(Credit)
(2,163.49) \$ (4,326.98) \$ (6,490.48)

Therms
5,723,614 11,447,228 17,170,842

Annual Revenue Surcharge/(Credit)
(0.00051) \$ (2,938.94) \$ (5,877.89) \$ (8,816.83)

(0.00049) \$ (2,817.73) \$ (5,635.46) \$ (8,453.19)

2015 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential													
Total Sales	31,240,185	29,759,537	25,023,002	15,211,630	3,940,309	1,733,270	1,105,248	2,745,463	3,013,170	5,205,020	10,553,131	25,158,302	154,688,267
Rate (Less CCRC)	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358
Total Residential	6,047,475	5,760,851	4,843,953	2,944,667	762,765	335,526	213,954	531,467	583,289	1,007,588	2,042,875	4,870,144	29,944,555
Residential Customers	197,402	194,642	194,926	196,433	198,030	205,182	209,451	203,131	203,924	218,692	183,675	206,256	2,411,744
Average Monthly Customers	197,402	196,022	195,657	195,851	196,287	197,769	199,438	199,900	200,347	202,181	200,499	200,979	200,979
Distribution Revenues per Avg. Monthly Customers	\$ 30.64	\$ 60.24	\$ 85.11	\$ 100.06	\$ 103.72	\$ 104.64	\$ 104.84	\$ 107.26	\$ 109.93	\$ 113.92	\$ 125.06	\$ 148.99	\$ 148.99
Forecasted Rev per Avg Monthly Customer	\$ 31.21	\$ 60.59	\$ 85.69	\$ 100.49	\$ 109.62	\$ 113.98	\$ 117.31	\$ 120.44	\$ 124.86	\$ 132.55	\$ 146.63	\$ 170.48	\$ 170.48
Under/(Over) Collection	112,372	67,882	111,462	83,373	1,137,706	1,800,968	2,404,214	2,539,529	2,875,258	3,588,028	4,151,670	4,138,151	11,582,256
10%Cap	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235
RDM Recoveries/(Refunds)	112,372	67,882	111,462	83,373	1,137,706	1,800,968	2,404,214	2,539,529	2,875,258	3,588,028	4,151,670	4,138,151	11,582,256
Weather Normalization Adjustment	1,565,127	(4,663,016)	2,016,092	1,772,579	(156,487)	-	-	-	257,878	373,007	1,725,226	5,569,668	8,460,075
Rate (Less CCRC)	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358	0.19358
Revenue Adjustment	302,977	(902,667)	390,275	343,136	(30,293)	-	-	-	49,920	72,207	333,969	1,078,176	1,637,701
Total Adjusted Revenues	6,350,452	4,858,185	5,234,228	3,287,803	732,472	335,526	213,954	531,467	633,210	1,079,794	2,376,844	5,948,320	31,582,256
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 32.17	\$ 57.18	\$ 84.04	\$ 100.74	\$ 104.25	\$ 105.17	\$ 105.36	\$ 107.77	\$ 110.69	\$ 115.03	\$ 127.85	\$ 157.14	\$ 157.14
Under/(Over) Collection	(185,924)	659,172	317,608	(48,289)	1,036,088	1,700,103	2,304,228	2,439,843	2,727,859	3,373,244	3,614,526	2,568,833	11,582,256
10%Cap	(3,283,235)	3,283,235	3,283,235	(3,283,235)	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235	3,283,235
RDM Recoveries/(Refunds)	(185,924)	659,172	317,608	(48,289)	1,036,088	1,700,103	2,304,228	2,439,843	2,727,859	3,373,244	3,614,526	2,568,833	11,582,256

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Small C&I													
Total Sales	2,354,148	2,393,254	2,056,989	915,221	49,963	-192,281	-30,242	45,757	109,650	202,537	334,038	1,091,222	9,330,256
Rate (Less CCRC)	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668
Total Small C&I	368,848	374,975	322,289	143,397	7,828	(30,127)	(4,738)	7,169	17,180	31,733	52,337	170,973	1,461,865
Small C&I Customers	11,220	10,948	10,978	11,014	11,289	10,029	9,889	9,580	9,601	9,328	7,358	8,560	119,794
Average Monthly Customers	11,220	11,084	11,049	11,040	11,090	10,913	10,767	10,618	10,505	10,388	10,112	9,983	9,983
Distribution Revenues per Avg. Monthly Customers	\$ 32.87	\$ 67.11	\$ 96.49	\$ 109.56	\$ 109.77	\$ 108.79	\$ 109.83	\$ 112.04	\$ 114.88	\$ 119.23	\$ 127.66	\$ 146.44	\$ 146.44
Forecasted Rev per Avg Monthly Customer	\$ 29.40	\$ 56.86	\$ 80.59	\$ 93.59	\$ 98.96	\$ 100.60	\$ 102.27	\$ 104.19	\$ 108.10	\$ 115.96	\$ 129.64	\$ 151.86	\$ 151.86
Under/(Over) Collection	(38,730)	(113,317)	(174,886)	(173,680)	(117,977)	(89,503)	(82,706)	(85,862)	(74,194)	(35,836)	21,664	59,395	11,582,256
10%Cap	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	166,426	166,426	166,426
RDM Recoveries/(Refunds)	(38,730)	(113,317)	(166,426)	(166,426)	(117,977)	(89,503)	(82,706)	(85,862)	(74,194)	(35,836)	21,664	59,395	11,582,256
Weather Normalization Adjustment	123,931	(394,986)	178,020	113,765	-	-	-	-	14,359	50,381	239,453	324,923	
Rate (Less CCRC)	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	0.15668	
Revenue Adjustment	19,418	(61,886)	27,892	17,825	-	-	-	-	2,250	7,894	37,518	50,909	
Total Adjusted Revenues	388,265	313,089	350,181	161,221	7,828	(30,127)	(4,738)	7,169	17,180	33,983	60,231	208,490	1,512,773
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 34.60	\$ 63.28	\$ 95.17	\$ 109.85	\$ 110.06	\$ 109.09	\$ 110.13	\$ 112.34	\$ 115.19	\$ 119.76	\$ 128.98	\$ 151.54	\$ 151.54
Under/(Over) Collection	(58,011)	(70,955)	(160,374)	(176,881)	(121,172)	(92,756)	(86,006)	(89,210)	(77,580)	(41,634)	7,161	3,506	11,582,256
10%Cap	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	(166,426)	166,426	166,426	166,426
RDM Recoveries/(Refunds)	(58,011)	(70,955)	(160,374)	(166,426)	(121,172)	(92,756)	(86,006)	(89,210)	(77,580)	(41,634)	7,161	3,506	11,582,256

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Large C&I													
Total Sales	15,258,186	14,563,601	17,505,246	3,966,200	2,300,209	1,741,496	1,343,499	1,843,983	2,795,275	3,789,766	6,166,486	12,722,472	83,496,419
Rate (Less CCRC)	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131
Total Large C&I	2,156,134	2,057,982	2,473,866	475,678	325,043	246,091	189,850	274,704	395,000	535,532	871,386	1,797,813	11,798,879
Large C&I Customers	10,669	10,443	10,510	10,547	10,563	12,733	13,207	12,914	12,862	15,326	12,411	14,240	146,425
Average Monthly Customers	10,669	10,556	10,541	10,542	10,546	10,911	11,239	11,448	11,605	11,977	12,017	12,202	12,202
Distribution Revenues per Avg. Monthly Customers	\$ 202.09	\$ 399.21	\$ 634.47	\$ 679.50	\$ 710.06	\$ 708.89	\$ 705.09	\$ 716.19	\$ 740.54	\$ 762.24	\$ 832.26	\$ 966.95	\$ 966.95
Forecasted Rev per Avg Monthly Customer	\$ 197.20	\$ 387.29	\$ 555.06	\$ 649.39	\$ 712.90	\$ 746.08	\$ 774.11	\$ 801.11	\$ 837.98	\$ 897.60	\$ 997.15	\$ 1,151.32	\$ 1,151.32
Under/(Over) Collection	(51,799)	(125,289)	(830,963)	(318,366)	30,032	392,164	727,332	894,416	1,025,619	1,424,048	1,733,243	1,938,151	11,582,256
10%Cap	(1,210,350)	(1,210,350)	(1,210,350)	(1,210,350)	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350
RDM Recoveries/(Refunds)	(51,799)	(125,289)	(830,963)	(318,366)	30,032	392,164	727,332	894,416	1,025,619	1,424,048	1,733,243	1,938,151	11,582,256
Weather Normalization Adjustment	720,848	(2,159,907)	966,842	845,710	(19,284)	-	-	-	600,388	252,873	896,698	2,631,181	4,735,350
Rate (Less CCRC)	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131	0.14131
Revenue Adjustment	101,863	(305,216)	136,624	119,507	(2,725)	-	-	-	84,841	35,733	126,712	371,812	669,152
Total Adjusted Revenues	2,257,997	1,752,766	2,610,291	595,185	322,318	246,091	189,850	274,704	479,841	571,265	998,098	2,169,625	12,468,031
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 211.64	\$ 379.95	\$ 628.14	\$ 684.50	\$ 714.80	\$ 713.48	\$ 709.55	\$ 720.57	\$ 752.16	\$ 776.49	\$ 857.00	\$ 1,021.79	\$ 1,021.79
Under/(Over) Collection	(152,963)	77,127	(764,718)	(371,307)	(20,065)	343,788	680,400	848,367	903,284	1,274,171	1,473,159	1,361,641	11,582,256
10%Cap	(1,210,350)	1,210,350	(1,210,350)	(1,210,350)	(1,210,350)	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350	1,210,350
RDM Recoveries/(Refunds)	(152,963)	77,127	(764,718)	(371,307)	(20,065)	343,788	680,400	848,367	903,284	1,274,171	1,473,159	1,361,641	11,582,256

Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
	385	770	1,155
	9.39	18.78	28.17
\$ 0.02440	\$ 7.45	\$ 14.90	\$ 22.35
	5.83	11.66	17.49
\$ 0.01515	\$ 5.83	\$ 11.66	\$ 17.49
	467	935	1,402
	2.61	5.23	7.84
\$ 0.00559	\$ 2.61	\$ 5.23	\$ 7.84
	0.15	0.31	0.46
\$ 0.00033	\$ 0.15	\$ 0.31	\$ 0.46
	3,421	6,843	10,264
	77.42	154.84	232.26
\$ 0.02263	\$ 48.35	\$ 96.70	\$ 145.04
	54.39	108.78	163.17
\$ 0.01590	\$ 48.35	\$ 96.70	\$ 145.04

Small Volume Interruptible & Joint													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Small Volume	2,566,442	3,251,312	3,969,820	887,367	224,300	96,936	503,014	339,167	437,226	896,917	2,871,293	2,476,830	18,520,624
Rate (Less CCRC)	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042
Total Small Volume Revenues	155,064	196,444	239,857	53,615	13,552	5,857	30,392	20,492	26,417	54,192	173,484	149,650	1,119,016
Small Volume Int & Joint Customers													
Average Monthly Customers	379	378	382	391	398	390	428	412	420	414	415	420	4,827
Distribution Revenues per Avg. Monthly Customers	\$ 409.32	\$ 928.85	\$ 1,557.77	\$ 1,686.11	\$ 1,707.40	\$ 1,719.61	\$ 1,771.09	\$ 1,811.87	\$ 1,865.33	\$ 1,993.36	\$ 2,419.16	\$ 2,781.74	\$ 2,781.74
Forecasted Rev per Avg Monthly Customer	\$ 432.31	\$ 838.06	\$ 1,197.23	\$ 1,477.34	\$ 1,708.40	\$ 1,911.51	\$ 2,093.79	\$ 2,280.30	\$ 2,482.58	\$ 2,734.80	\$ 3,050.57	\$ 3,430.42	\$ 3,430.42
Under/(Over) Collection	9,265	(36,452)	(143,976)	(83,353)	397	75,609	127,422	185,557	244,498	293,758	250,038	257,365	\$ 0.01143 \$ 263.01 \$ 526.02 \$ 789.03
10%Cap	136,102	(136,102)	(136,102)	(136,102)	136,102	136,102	136,102	136,102	136,102	136,102	136,102	136,102	
RDM Recoveries/(Refunds)	9,265	(36,452)	(136,102)	(83,353)	397	75,609	127,422	136,102	136,102	136,102	136,102	136,102	\$ 0.00604 \$ 139.09 \$ 278.17 \$ 417.26
Large Volume Interruptible & Joint													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Large Volume	92,051	1,568,499	2,041,081	78,342	598,519	601,118	804,473	1,269,534	1,139,506	1,823,165	1,782,154	944,343	12,743,785
Rate (Less CCRC)	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105
Total Large Volume Revenues	1,938	33,038	42,965	1,649	12,599	12,654	16,934	26,724	23,987	38,376	37,514	19,878	268,257
Large Volume Int & Joint Customers													
Average Monthly Customers	68	67	67	66	67	67	72	73	75	76	76	77	922
Distribution Revenues per Avg. Monthly Customers	\$ 28.50	\$ 522.80	\$ 1,171.84	\$ 1,198.79	\$ 1,379.24	\$ 1,557.70	\$ 1,697.28	\$ 2,021.66	\$ 2,307.11	\$ 2,783.19	\$ 3,246.90	\$ 3,491.16	\$ 3,491.16
Forecasted Rev per Avg Monthly Customer	\$ 535.26	\$ 1,041.67	\$ 1,483.84	\$ 1,805.29	\$ 2,062.93	\$ 2,279.32	\$ 2,496.78	\$ 2,718.52	\$ 2,961.40	\$ 3,254.94	\$ 3,626.50	\$ 4,073.45	\$ 4,073.45
Under/(Over) Collection	33,446	33,985	20,384	40,181	45,671	48,348	53,681	46,951	44,056	31,843	25,640	39,450	\$ 0.00301 \$ 249.53 \$ 499.06 \$ 748.58
10%Cap	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	27,598	
RDM Recoveries/(Refunds)	27,598	27,598	20,384	27,598	27,598	27,598	27,598	27,598	27,598	27,598	25,640	27,598	\$ 0.00211 \$ 174.56 \$ 349.12 \$ 523.67
Small Volume Transport													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Small Volume Transport	790,386	907,103	1,086,059	297,470	340,080	227,392	155,116	119,602	240,651	268,630	570,588	279,307	5,282,384
Rate (Less CCRC)	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042	0.06042
Total Small Volume Transport Revenues	47,755	54,807	65,620	17,973	20,548	13,739	9,372	7,226	14,540	16,231	34,475	16,876	319,162
Small Volume Transport Customers													
Average Monthly Customers	54	50	50	51	50	50	50	50	50	51	50	68	623
Distribution Revenues per Avg. Monthly Customers	\$ 884.35	\$ 1,972.35	\$ 3,276.22	\$ 3,688.21	\$ 4,055.65	\$ 4,338.93	\$ 4,533.67	\$ 4,684.20	\$ 4,978.14	\$ 5,298.99	\$ 5,986.94	\$ 6,143.63	\$ 6,143.63
Forecasted Rev per Avg Monthly Customer	\$ 1,093.20	\$ 2,111.36	\$ 2,999.95	\$ 3,701.05	\$ 4,301.76	\$ 4,795.26	\$ 5,286.18	\$ 5,793.88	\$ 6,323.23	\$ 6,981.03	\$ 7,795.82	\$ 8,762.36	\$ 8,762.36
Under/(Over) Collection	9,607	6,394	(12,711)	2,891	11,223	20,687	33,971	49,935	60,380	75,355	80,906	117,406	\$ 0.01806 \$ 918.05 \$ 1,836.09 \$ 2,754.14
10%Cap	39,285	39,285	(39,285)	39,285	39,285	39,285	39,285	39,285	39,285	39,285	39,285	39,285	
RDM Recoveries/(Refunds)	9,607	6,394	(12,711)	2,891	11,223	20,687	33,971	39,285	39,285	39,285	39,285	39,285	\$ 0.00604 \$ 307.18 \$ 614.36 \$ 921.54
Large Volume Transport													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Non-Flex Large Volume Transport	9,024,483	10,085,952	10,435,007	5,498,034	7,056,433	5,366,952	8,646,040	7,674,292	7,821,189	8,254,072	7,217,535	3,437,288	90,517,277
Non-Flex Rate (Less CCRC)	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105	0.02105
Non-Flex Revenues	189,965	212,309	219,657	115,734	148,538	112,974	181,999	161,544	164,636	173,748	151,929	72,355	1,905,389
Transport LVJ-ML Flex Customer A													
FLEX Rate (Less CCRC)	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485	-0.00485
FLEX Revenues	(3,144)	(2,525)	(1,212)	(2,150)	(1,882)	(2,624)	(2,232)	(3,008)	(2,835)	(1,334)	(1,834)	1,979	(22,801)
Transport LVI-TP Flex Customer B													
FLEX Rate (Less CCRC)	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500
FLEX Revenues	5,708	5,068	5,788	5,732	6,086	5,081	5,771	5,282	5,793	4,546	6,880	5,703	67,448
Transport LVI-TP Flex Customer C													
FLEX Rate (Less CCRC)	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700
FLEX Revenues	9,163	6,699	9,260	8,754	5,462	(7,410)	-	-	-	-	-	-	31,927
Transport LVI-TP Flex Customer D													
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500
FLEX Revenues	-	-	-	-	-	37,157	6,904	(8,523)	14,406	25,202	18,135	16,627	109,909
Transport LVJ-TP Flex Customer E													
FLEX Rate (Less CCRC)	0.01500	0.01500	1,073,385	654,892	616,944	390,518	578,479	461,576	516,348	598,016	689,095	709,839	6,289,092
FLEX Revenues	-	-	16,101	9,823	9,254	5,858	8,677	6,924	7,745	8,970	10,336	10,648	94,336
Transport LVI-TP Flex Customer F													
FLEX Rate (Less CCRC)	-0.00298	-0.00298	761,606	345,771	346,379	317,210	242,627	360,991	339,883	350,226	365,605	-360,580	3,069,718
FLEX Revenues	-	-	(2,270)	(1,030)	(1,032)	(945)	(723)	(1,076)	(1,013)	(1,044)	(1,090)	1,075	(9,148)
LVI-1 TP Transport Flex Customer G													
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552
FLEX Revenues	736	608	711	468	539	325	376	964	669	379	101	247	6,123
Total Large Volume Transport Revenues	202,429	222,160	248,035	137,330	166,964	150,416	200,773	162,118	189,401	210,467	184,458	108,634	2,183,184

Large Volume Transport Customers	97	97	105	105	104	108	109	107	108	108	107	92	1,247
Average Monthly Customers	97	97	100	101	102	103	104	104	104	105	105	104	104
Distribution Revenues per Avg. Monthly Customers	\$ 2,086.89	\$ 4,377.21	\$ 6,748.74	\$ 8,018.02	\$ 9,614.70	\$ 10,979.93	\$ 12,821.92	\$ 14,328.50	\$ 16,080.94	\$ 18,034.08	\$ 19,753.06	\$ 21,004.50	\$ 21,004.50
Forecasted Rev per Avg Monthly Customer	\$ 2,623.47	\$ 5,066.85	\$ 7,224.37	\$ 8,928.29	\$ 10,276.43	\$ 11,400.28	\$ 12,542.74	\$ 13,727.02	\$ 14,963.84	\$ 16,505.18	\$ 18,382.29	\$ 20,728.54	\$ 20,728.54
Under/(Over) Collection	51,511	66,206	45,502	86,930	63,261	40,143	(26,602)	(57,216)	(106,125)	(145,093)	(130,223)	(26,193)	\$ (0.00022) \$
10%Cap	196,748	196,748	196,748	196,748	196,748	196,748	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(196,748)	(135.56) \$
RDM Recoveries/(Refunds)	51,511	66,206	45,502	86,930	63,261	40,143	(26,602)	(57,216)	(106,125)	(145,093)	(130,223)	(26,193)	\$ (0.00022) \$

Therms
630,489 1,260,978 1,891,467

Annual Revenue Surcharge/(Credit)
(135.56) \$ (271.12) \$ (406.68)
(135.56) \$ (271.12) \$ (406.68)

Super Large Volume Interruptible & Joint	January	February	March	April	May	June	July	August	September	October	November	December	Total
SLV Interruptible Transport - CIP Exempt	24,257,240	21,539,594	23,209,500	16,422,026	11,126,837	4,084,314	7,707,374	12,494,074	8,962,005	13,937,997	13,827,470	8,055,911	165,624,342
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	101,880	90,466	97,480	68,973	46,733	17,154	32,371	52,475	37,640	58,540	58,075	33,835	695,622
SLV Interruptible Transport - CIP Applicable	-72,886	5,466	83,009	164,011	-86,112	-11,820		1,043,750	185,461	2,964,785	-1,711,890	15,543	2,579,317
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	(306)	23	349	689	(362)	(50)	-	4,384	779	12,452	(7,190)	65	10,833
SLV Joint Transport	-1,017,935	1,530,492	3,818,922	180,174	2,554,806	2,517,914	911,776	6,678,279	2,744,738	3,592,627	-900,514	1,059,355	23,670,634
Rate	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420	0.00420
Revenues	(4,275)	6,428	16,039	757	10,730	10,575	3,829	28,049	11,528	15,089	(3,782)	4,449	99,417
SLV-NMU TP Transport CIP Exempt	4,775,162	4,169,803	5,130,841	5,028,428	770,252	3,906,649	2,415,325	2,047,008	2,209,589	3,642,603	2,316,030	3,225,402	39,637,092
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850
Revenues	40,589	35,443	43,612	42,742	6,547	33,207	20,530	17,400	18,782	30,962	19,686	27,416	336,915
SLV-NMU TP Transport CIP Applicable													-
Rate	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	0.00850	-
Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Super Large Volume Revenues	137,888	132,361	157,480	113,160	63,648	60,886	56,731	102,307	68,729	117,043	66,790	65,765	1,142,787

Therms
4,925,774 9,851,548 14,777,322

Super Large Volume Customers	25	25	25	23	23	23	23	23	23	23	23	23	282
Average Monthly Customers	25	25	25	25	24	24	24	24	24	24	24	24	24
Distribution Revenues per Avg. Monthly Customers	\$ 5,515.51	\$ 10,809.94	\$ 17,109.15	\$ 22,077.08	\$ 24,980.86	\$ 27,725.96	\$ 30,269.91	\$ 34,714.14	\$ 37,740.41	\$ 42,806.46	\$ 45,742.25	\$ 48,629.25	\$ 48,629.25
Forecasted Rev per Avg Monthly Customer	\$ 6,544.04	\$ 12,391.06	\$ 17,721.79	\$ 21,935.61	\$ 25,124.99	\$ 27,916.81	\$ 30,703.25	\$ 33,593.01	\$ 36,611.94	\$ 40,376.19	\$ 45,048.01	\$ 50,616.16	\$ 50,616.16
Under/(Over) Collection	25,713	40,319	15,520	(3,572)	3,661	4,835	10,957	(28,308)	(28,462)	(61,243)	(17,482)	50,170	\$ 0.00019 \$
10%Cap	127,806	127,806	127,806	(127,806)	127,806	127,806	127,806	(127,806)	(127,806)	(127,806)	(127,806)	127,806	951.90 \$
RDM Recoveries/(Refunds)	25,713	40,319	15,520	(3,572)	3,661	4,835	10,957	(28,308)	(28,462)	(61,243)	(17,482)	50,170	\$ 0.00019 \$

Annual Revenue Surcharge/(Credit)
951.90 \$ 1,903.81 \$ 2,855.71
951.90 \$ 1,903.81 \$ 2,855.71

	January	February	March	April	May	June	July	August	September	October	November	December	Total								
Small Volume Interruptible & Joint																					
Total Small Volume	3,995,419	1,992,145	3,605,377	-2,324,143	6,375,508	-1,041,599	-469,494	567,941	719,287	681,141	3,235,248	2,662,558	19,999,388								
Rate (Less CCRC)	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973								
Total Small Volume Revenues	278,601	138,912	251,403	(162,063)	444,564	(72,631)	(32,738)	39,602	50,156	47,496	225,594	185,660	1,394,557								
Small Volume Int & Joint Customers																					
Average Monthly Customers	421	391	435	151	782	336	364	607	353	509	431	437	5,217		Therms						
Distribution Revenues per Avg. Monthly Customers	\$ 661.76	\$ 1,028.36	\$ 1,607.97	\$ 1,448.15	\$ 2,182.15	\$ 2,097.34	\$ 2,058.51	\$ 2,031.31	\$ 2,191.59	\$ 2,260.47	\$ 2,779.07	\$ 3,205.88	\$ 3,205.88	\$	22,988	45,976	68,963				
Forecasted Rev per Avg Monthly Customer	\$ 480.99	\$ 912.15	\$ 1,318.33	\$ 1,662.91	\$ 1,971.74	\$ 2,244.66	\$ 2,457.09	\$ 2,658.36	\$ 2,892.83	\$ 3,137.34	\$ 3,410.06	\$ 3,735.92	\$ 3,732.32								
Under/(Over) Collection	(79,900)	(51,713)	(128,600)	95,139	(92,580)	64,232	173,781	274,021	305,741	382,315	275,112	231,097		\$	0.00989	\$	227.42	\$	454.84	\$	682.26
10%Cap	(162,886)	(162,886)	(162,886)	162,886	(162,886)	162,886	162,886	162,886	162,886	162,886	162,886	162,886		\$	0.00697	\$	160.29	\$	320.59	\$	480.88
RDM Recoveries/(Refunds)	(79,900)	(51,713)	(128,600)	95,139	(92,580)	64,232	162,886	162,886	162,886	162,886	162,886	162,886		\$	0.00697	\$	160.29	\$	320.59	\$	480.88
Large Volume Interruptible & Joint																					
Total Large Volume	1,389,729	660,196	870,378	378,135	2,959,856	-183,214	582,001	2,023,656	796,117	1,470,269	2,012,056	1,546,788	14,505,966								
Rate (Less CCRC)	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562								
Total Large Volume Revenues	35,605	16,914	22,299	9,688	75,832	(4,694)	14,911	51,846	20,397	37,668	51,549	39,629	371,643								
Large Volume Int & Joint Customers																					
Average Monthly Customers	81	72	58	81	132	82	66	114	59	107	89	93	1,034		Therms						
Distribution Revenues per Avg. Monthly Customers	\$ 439.57	\$ 682.07	\$ 1,068.83	\$ 1,157.62	\$ 1,886.32	\$ 1,852.90	\$ 2,079.93	\$ 2,586.05	\$ 2,925.26	\$ 3,299.59	\$ 3,860.63	\$ 4,321.43	\$ 4,321.43	\$	84,337	168,674	253,011				
Forecasted Rev per Avg Monthly Customer	\$ 451.08	\$ 861.48	\$ 1,308.89	\$ 1,699.73	\$ 2,093.05	\$ 2,572.47	\$ 3,035.19	\$ 3,453.26	\$ 3,877.04	\$ 4,276.54	\$ 4,750.70	\$ 5,297.41	\$ 5,297.41								
Under/(Over) Collection	875	13,456	17,764	40,116	15,505	53,248	70,689	65,041	71,384	73,271	66,755	73,199		\$	0.00472	\$	398.08	\$	796.17	\$	1,194.25
10%Cap	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731		\$	0.00256	\$	216.07	\$	432.14	\$	648.21
RDM Recoveries/(Refunds)	875	13,456	17,764	39,731	15,505	39,731	39,731	39,731	39,731	39,731	39,731	39,731		\$	0.00256	\$	216.07	\$	432.14	\$	648.21
Small Volume Transport																					
Total Small Volume Transport	740,292	1,463,243	1,264,910	720,963	415,571	644,008	177,426	386,543	413,637	562,053	709,499	1,030,714	8,528,859								
Rate (Less CCRC)	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973								
Total Small Volume Transport Revenues	51,621	102,032	88,202	50,273	28,978	44,907	12,372	26,954	28,643	39,192	49,473	71,872	594,717								
Small Volume Transport Customers																					
Average Monthly Customers	61	73	77	95	94	96	93	92	89	88	86	87	87		Therms						
Distribution Revenues per Avg. Monthly Customers	\$ 846.24	\$ 2,104.83	\$ 3,140.97	\$ 3,075.03	\$ 3,416.01	\$ 3,812.62	\$ 4,068.64	\$ 4,405.84	\$ 4,878.43	\$ 5,379.23	\$ 6,079.60	\$ 6,835.83	\$ 6,835.83	\$	49,016	98,033	147,049				
Forecasted Rev per Avg Monthly Customer	\$ 1,007.39	\$ 2,058.85	\$ 3,004.04	\$ 3,799.65	\$ 4,448.58	\$ 4,885.09	\$ 5,293.32	\$ 5,709.27	\$ 6,154.75	\$ 6,545.15	\$ 7,089.52	\$ 7,695.36	\$ 7,729.26								
Under/(Over) Collection	9,024	(2,575)	(7,668)	40,579	57,824	60,058	68,582	72,992	71,474	66,457	57,565	48,993		\$	0.00779	\$	381.76	\$	763.53	\$	1,145.29
10%Cap	43,864	(43,864)	(43,864)	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864		\$	0.00697	\$	341.79	\$	683.58	\$	1,025.37
RDM Recoveries/(Refunds)	9,024	(2,575)	(7,668)	40,579	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864		\$	0.00697	\$	341.79	\$	683.58	\$	1,025.37
Large Volume Transport																					
Total Non-Flex Large Volume Transport	7,232,407	13,291,864	13,446,726	7,882,206	3,916,885	7,394,358	7,691,626	6,714,308	4,342,900	8,030,867	6,433,787	10,317,215	96,695,150								
Non-Flex Rate (Less CCRC)	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562								
Non-Flex Revenues	185,294	340,538	344,550	201,942	100,351	189,443	197,059	172,021	111,265	205,751	164,834	264,327	2,477,330								
Transport LVJ-ML Flex Customer A																					
FLEX Rate (Less CCRC)	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450								
FLEX Revenues	3,436	3,586	2,463	1,450	2,739	2,595	410	1,663	3,079	2,509	1,954	1,741	27,626								
Transport LVI-TP Flex Customer B																					
FLEX Rate (Less CCRC)	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500								
FLEX Revenues	2,541	7,307	6,616	7,654	10,736	5,269	5,276	5,383	5,128	5,851	11,071	11,071	65,309								
Transport LVI-TP Flex Customer C																					
FLEX Rate (Less CCRC)	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700								
FLEX Revenues	7,269	16,348	10,799	5,516	12,270	9,598	8,105	8,459	8,301	7,382	9,837	17,142	121,026								
Transport LVI-TP Flex Customer D																					
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500								
FLEX Revenues	(7,203)	(10,493)	-	-	-	-	-	-	-	-	-	-	(1,179,748)								
Transport LVJ-TP Flex Customer E																					
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500								
FLEX Revenues	4,514	(4,349)	47,910	(8,404)	11,108	8,048	7,473	6,150	8,460	9,181	9,980	9,669	109,739								
Transport LVI-TP Flex Customer F																					
FLEX Rate (Less CCRC)	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637								
FLEX Revenues	4,719	3,841	3,157	1,841	12,091	(3,073)	2,199	2,256	918	2,993	2,217	2,306	35,465								
LVI-1 TP Transport Flex Customer G																					
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552								
FLEX Revenues	677	1,522	1,268	35	87	613	2,972	(2,797)	272	170	445	691	5,954								
Total Large Volume Transport Revenues	201,247	358,299	416,718	210,034	131,121	217,961	223,487	193,028	137,679	233,113	195,118	306,946	2,824,752								

2017 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential																	
Total Sales	33,192,282	26,284,586	23,815,477	12,029,934	7,697,341	4,753,348	5,443,176	2,787,192	3,059,461	5,317,603	19,913,454	27,553,892	171,847,746				
Rate (Less CCRC)	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349				
Total Residential	7,086,220	5,611,496	5,084,366	2,568,271	1,643,305	1,014,792	1,162,064	595,038	653,164	1,135,255	4,251,323	5,882,480	36,687,775				
Residential Customers	210,060	209,258	209,373	209,764	210,143	209,819	209,898	208,867	210,427	210,237	211,104	211,539	2,520,489				
Average Monthly Customers	210,060	209,659	209,564	209,614	209,720	209,736	209,759	209,648	209,734	209,785	209,905	210,041	210,041		409	818	1,227
Distribution Revenues per Avg. Monthly Customers	\$ 33.73	\$ 60.56	\$ 84.85	\$ 97.08	\$ 104.87	\$ 109.70	\$ 115.23	\$ 118.13	\$ 121.20	\$ 126.58	\$ 146.76	\$ 174.67	\$ 174.67				
Forecasted Rev per Avg Monthly Customer	\$ 35.59	\$ 65.89	\$ 90.53	\$ 104.52	\$ 111.02	\$ 112.53	\$ 112.90	\$ 113.54	\$ 117.76	\$ 130.37	\$ 152.59	\$ 185.09	\$ 185.09				
Under/(Over) Collection	388,528	1,111,294	1,179,628	1,543,852	1,276,543	587,887	(484,216)	(953,756)	(714,767)	787,346	1,210,506	2,164,099	2,164,099	\$ 0.01202		4.92	9.83
10%Cap	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071	3,844,071				
RDM Recoveries/(Refunds)	388,528	1,111,294	1,179,628	1,543,852	1,276,543	587,887	(484,216)	(953,756)	(714,767)	787,346	1,210,506	2,164,099	2,164,099	\$ 0.01202		4.92	9.83
Weather Normalization Adjustment	2,601,843	5,755,316	-328,466	972,599	-376,412	1,433,552				336,633	257,718	-1,507,542	-1,875,461				
Rate (Less CCRC)	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349	0.21349				
Revenue Adjustment	555,467	1,228,702	(70,124)	207,640	(80,360)	306,049				71,868	55,020	(321,845)	(400,392)				
Total Adjusted Revenues	7,641,688	6,840,199	5,014,242	2,775,911	1,562,945	1,320,841	1,162,064	595,038	725,032	1,190,275	3,929,478	5,482,088	38,239,801				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 36.38	\$ 69.07	\$ 93.03	\$ 106.25	\$ 113.65	\$ 119.94	\$ 125.47	\$ 128.37	\$ 131.78	\$ 137.42	\$ 156.06	\$ 182.06	\$ 182.06				
Under/(Over) Collection	(165,020)	(663,024)	(519,203)	(358,987)	(545,904)	(1,539,309)	(2,612,272)	(3,081,526)	(2,913,090)	(1,464,588)	(720,490)	629,292	629,292	\$ 0.00349		1.43	2.86
10%Cap	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)	(3,844,071)				
RDM Recoveries/(Refunds)	(165,020)	(663,024)	(519,203)	(358,987)	(545,904)	(1,539,309)	(2,612,272)	(3,081,526)	(2,913,090)	(1,464,588)	(720,490)	629,292	629,292	\$ 0.00349		1.43	2.86
Small C&I																	
Total Sales	2,127,623	1,227,643	1,051,877	283,285	1,016,825	-744,197	218,862	160,378	110,772	178,889	1,213,752	1,339,197	8,184,906				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Total Small C&I	410,589	236,911	202,991	54,668	196,227	(143,615)	42,236	30,950	21,377	34,522	234,230	258,438	1,579,523				
Small C&I Customers	8,677	8,629	8,665	8,630	8,620	8,652	8,616	8,548	8,588	8,602	8,645	8,714	103,586				
Average Monthly Customers	8,677	8,653	8,657	8,650	8,644	8,646	8,641	8,630	8,625	8,623	8,625	8,632	8,632		474	948	1,422
Distribution Revenues per Avg. Monthly Customers	\$ 47.32	\$ 74.83	\$ 98.24	\$ 104.64	\$ 127.42	\$ 110.78	\$ 115.73	\$ 119.46	\$ 122.01	\$ 126.04	\$ 153.17	\$ 182.98	\$ 182.98				
Forecasted Rev per Avg Monthly Customer	\$ 39.67	\$ 71.55	\$ 96.58	\$ 111.10	\$ 117.84	\$ 119.44	\$ 119.88	\$ 120.62	\$ 124.98	\$ 137.59	\$ 159.79	\$ 195.94	\$ 195.94				
Under/(Over) Collection	(90,400)	(38,750)	(19,488)	75,530	(111,990)	101,331	48,576	13,573	34,737	135,008	77,302	151,347	151,347	\$ 0.01276		6.05	12.10
10%Cap	(228,814)	(228,814)	(228,814)	228,814	(228,814)	228,814	228,814	228,814	228,814	228,814	228,814	228,814	228,814				
RDM Recoveries/(Refunds)	(90,400)	(38,750)	(19,488)	75,530	(111,990)	101,331	48,576	13,573	34,737	135,008	77,302	151,347	151,347	\$ 0.01276		6.05	12.10
Weather Normalization Adjustment	170,287	270,299	-14,536	19,205	-61,576					8,048	7,166	-94,786	-91,949				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Revenue Adjustment	32,862	52,162	(2,805)	3,706	(11,883)					1,553	1,383	(18,292)	(17,744)				
Total Adjusted Revenues	443,451	289,073	200,186	58,375	184,344	(143,615)	42,236	30,950	22,930	35,905	215,938	240,694	1,620,465				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 51.11	\$ 84.66	\$ 107.74	\$ 114.58	\$ 135.98	\$ 119.34	\$ 124.30	\$ 128.04	\$ 130.77	\$ 134.97	\$ 159.97	\$ 187.73	\$ 187.73				
Under/(Over) Collection	(135,186)	(154,882)	(131,018)	(40,688)	(212,057)	1,170	(51,736)	(86,821)	(67,720)	30,625	(2,102)	95,876	95,876	\$ 0.00809		3.83	7.67
10%Cap	(228,814)	(228,814)	(228,814)	(228,814)	(228,814)	228,814	(228,814)	(228,814)	(228,814)	228,814	(228,814)	228,814	228,814				
RDM Recoveries/(Refunds)	(135,186)	(154,882)	(131,018)	(40,688)	(212,057)	1,170	(51,736)	(86,821)	(67,720)	30,625	(2,102)	95,876	95,876	\$ 0.00809		3.83	7.67
Large C&I																	
Total Sales	21,068,592	11,281,718	13,083,109	7,038,590	4,629,637	3,292,472	4,473,793	1,675,924	2,640,782	3,612,007	11,509,623	15,554,901	99,881,148				
Rate (Less CCRC)	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118				
Total Large C&I	2,977,287	1,592,753	1,847,073	993,708	653,612	464,831	631,610	236,607	372,826	509,943	1,624,929	2,196,041	14,101,220				
Large C&I Customers	14,374	14,312	14,344	14,245	14,228	14,239	14,190	14,024	14,165	14,280	14,201	14,263	170,865				
Average Monthly Customers	14,374	14,343	14,343	14,319	14,301	14,290	14,276	14,245	14,236	14,240	14,237	14,239	14,239		3,507	7,015	10,522
Distribution Revenues per Avg. Monthly Customers	\$ 207.13	\$ 318.63	\$ 447.40	\$ 517.55	\$ 563.91	\$ 596.87	\$ 641.70	\$ 659.70	\$ 686.31	\$ 721.93	\$ 836.21	\$ 990.32	\$ 990.32				
Forecasted Rev per Avg Monthly Customer	\$ 208.86	\$ 401.86	\$ 566.86	\$ 674.47	\$ 740.22	\$ 772.19	\$ 792.94	\$ 811.13	\$ 844.04	\$ 916.43	\$ 1,039.28	\$ 1,218.79	\$ 1,218.82				
Under/(Over) Collection	19,456	933,175	1,331,382	1,749,030	1,962,507	1,951,136	1,682,545	1,683,750	1,752,223	2,158,950	2,252,046	2,533,504	2,533,504	\$ 0.02647		92.82	185.64
10%Cap	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512				
RDM Recoveries/(Refunds)	19,456	933,175	1,331,382	1,749,030	1,962,507	1,951,136	1,682,545	1,683,750	1,752,223	2,158,950	2,252,046	2,533,504	2,533,504	\$ 0.01412		49.52	99.03
Weather Normalization Adjustment	1,549,859	2,119,284	-159,201	444,136	-139,969	438,291	0	0	62,375	85,480	-761,511	-957,455	2,681,289				
Rate (Less CCRC)	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118	0.14118				
Revenue Adjustment	218,809	299,201	(22,476)	62,703	(19,761)	61,878				8,806	12,068	(107,510)	(135,173)				
Total Adjusted Revenues	3,196,097	1,891,953	1,824,597	1,056,411	633,851	526,709	631,610	236,607	381,632	522,011	1,517,418	2,060,867	14,479,765				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 222.35	\$ 354.74	\$ 481.95	\$ 556.54	\$ 601.56	\$ 638.88	\$ 675.70	\$ 701.85	\$ 729.10	\$ 765.55	\$ 872.30	\$ 1,016.91	\$ 1,016.91				
Under/(Over) Collection	(151,709)	528,309	946,322	1,314,448	1,543,424	1,483,607	1,214,739	1,215,084	1,276,868	1,674,768	1,851,808	2,238,647	2,238,647	\$ 0.02339		82.02	164.04
10%Cap	(1,351,512)	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512	1,351,512				
RDM Recoveries/(Refunds)	(151,709)	528,309	946,322	1,314,448	1,543,424	1,483,607	1,214,739	1,215,084	1,276,868	1,674,768	1,851,808	2,238,647	2,238,647	\$ 0.01412		49.52	99.03

	January	February	March	April	May	June	July	August	September	October	November	December	Total			
Small Volume Interruptible & Joint																
Total Small Volume	3,648,845	1,178,511	3,223,510	1,295,152	851,913	338,370	422,904	377,861	545,236	703,943	3,747,337	4,900,590	21,234,172			
Rate (Less CCRC)	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973			
Total Small Volume Revenues	254,434	82,178	224,775	90,311	59,404	23,595	29,489	26,348	38,019	49,086	261,302	341,718	1,480,659			
Small Volume Int & Joint Customers	406	339	457	392	429	402	384	386	397	382	404	375	4,753		Therms	
Average Monthly Customers	406	373	401	399	405	404	401	399	399	397	398	396	396	26,811	53,622	80,432
Distribution Revenues per Avg. Monthly Customers	\$ 626.68	\$ 902.44	\$ 1,399.97	\$ 1,633.33	\$ 1,755.81	\$ 1,818.56	\$ 1,905.70	\$ 1,981.29	\$ 2,076.57	\$ 2,210.68	\$ 2,861.66	\$ 3,739.04	\$ 3,739.04			
Forecasted Rev per Avg Monthly Customer	\$ 480.99	\$ 912.15	\$ 1,318.33	\$ 1,662.91	\$ 1,971.74	\$ 2,244.66	\$ 2,457.09	\$ 2,658.36	\$ 2,892.83	\$ 3,137.34	\$ 3,410.06	\$ 3,735.92	\$ 3,732.32			
Under/(Over) Collection	(64,395)	4,321	(36,248)	13,104	95,009	185,780	240,406	295,880	355,889	404,024	239,102	(1,360)	\$ (0.00006)	\$ (1.56)	\$ (3.12)	\$ (4.68)
10%Cap	(162,886)	162,886	(162,886)	162,886	162,886	162,886	162,886	162,886	162,886	162,886	162,886	(162,886)	\$ (0.00006)	\$ (1.56)	\$ (3.12)	\$ (4.68)
RDM Recoveries/(Refunds)	(64,395)	4,321	(36,248)	13,104	95,009	162,886	162,886	162,886	162,886	162,886	162,886	(1,360)	\$ (0.00006)	\$ (1.56)	\$ (3.12)	\$ (4.68)
Large Volume Interruptible & Joint																
Total Large Volume	1,341,526	169,512	1,990,752	753,624	819,663	1,090,871	2,271,082	483,572	921,051	1,259,425	2,827,480	3,713,622	17,632,180			
Rate (Less CCRC)	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562			
Total Large Volume Revenues	34,370	4,343	51,003	19,308	21,000	27,692	58,185	12,389	23,597	32,266	72,440	95,143	451,736			
Large Volume Int & Joint Customers	83	71	85	80	76	81	81	74	87	98	83	89	988		Therms	
Average Monthly Customers	83	77	80	80	79	79	80	79	80	82	82	82	82	107,513	215,027	322,540
Distribution Revenues per Avg. Monthly Customers	\$ 414.10	\$ 502.76	\$ 1,121.45	\$ 1,362.80	\$ 1,645.87	\$ 1,996.40	\$ 2,698.76	\$ 2,889.74	\$ 3,148.59	\$ 3,465.29	\$ 4,348.70	\$ 5,508.98	\$ 5,508.98			
Forecasted Rev per Avg Monthly Customer	\$ 451.08	\$ 861.48	\$ 1,308.89	\$ 1,699.73	\$ 2,093.05	\$ 2,572.47	\$ 3,035.19	\$ 3,453.26	\$ 3,877.04	\$ 4,276.54	\$ 4,750.70	\$ 5,297.41	\$ 5,297.41			
Under/(Over) Collection	2,810	26,904	13,871	24,933	33,539	42,629	24,896	42,264	54,634	60,844	30,150	(15,868)	\$ (0.00102)	\$ (110.01)	\$ (220.02)	\$ (330.03)
10%Cap	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	39,731	(39,731)	\$ (0.00102)	\$ (110.01)	\$ (220.02)	\$ (330.03)
RDM Recoveries/(Refunds)	2,810	26,904	13,871	24,933	33,539	39,731	24,896	39,731	39,731	39,731	30,150	(15,868)	\$ (0.00102)	\$ (110.01)	\$ (220.02)	\$ (330.03)
Small Volume Transport																
Total Small Volume Transport	1,409,328	1,214,762	924,793	1,027,016	421,428	493,498	275,902	438,032	513,671	560,731	899,632	1,315,729	9,494,522			
Rate (Less CCRC)	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973	0.06973			
Total Small Volume Transport Revenues	98,272	84,705	64,486	71,614	29,386	34,412	19,239	30,544	35,818	39,100	62,731	91,746	662,053			
Small Volume Transport Customers	82	88	88	88	88	96	79	88	88	88	90	104	1,067		Therms	
Average Monthly Customers	82	85	86	87	87	88	87	87	87	87	88	89	89	53,340	106,680	160,020
Distribution Revenues per Avg. Monthly Customers	\$ 1,198.44	\$ 2,152.68	\$ 2,877.48	\$ 3,667.56	\$ 4,005.33	\$ 4,350.85	\$ 4,622.00	\$ 4,973.08	\$ 5,384.78	\$ 5,834.21	\$ 6,480.76	\$ 7,438.80	\$ 7,438.80			
Forecasted Rev per Avg Monthly Customer	\$ 1,007.39	\$ 2,058.85	\$ 3,004.04	\$ 3,799.65	\$ 4,448.58	\$ 4,885.09	\$ 5,293.32	\$ 5,709.27	\$ 6,154.75	\$ 6,545.15	\$ 7,089.52	\$ 7,695.36	\$ 7,729.26			
Under/(Over) Collection	(10,699)	(5,254)	7,087	7,397	24,822	29,917	37,594	41,227	43,118	40,524	34,699	14,624	\$ 0.00232	\$ 124.00	\$ 248.01	\$ 372.01
10%Cap	(43,864)	(43,864)	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864	43,864	\$ 0.00232	\$ 124.00	\$ 248.01	\$ 372.01
RDM Recoveries/(Refunds)	(10,699)	(5,254)	7,087	7,397	24,822	29,917	37,594	41,227	43,118	40,524	34,699	14,624	\$ 0.00232	\$ 124.00	\$ 248.01	\$ 372.01
Large Volume Transport																
Total Non-Flex Large Volume Transport	3,820,344	6,448,903	7,656,114	7,034,260	5,813,347	10,733,081	-254,650	9,546,909	7,716,181	6,811,573	7,510,900	7,103,373	79,740,335			
Non-Flex Rate (Less CCRC)	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562	0.02562			
Non-Flex Revenues	97,877	165,221	196,150	180,218	148,938	274,982	(6,524)	244,592	197,689	169,389	192,429	181,988	2,042,947			
Transport LVJ-ML Flex Customer A																
FLEX Rate (Less CCRC)	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450	0.00450			
FLEX Revenues	2,818	3,027	1,344	2,079	1,157	2,908	1,995	2,574	1,079	1,747	1,747	1,819	24,005			
Transport LVI-TP Flex Customer B																
FLEX Rate (Less CCRC)	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500			
FLEX Revenues	(5,080)	7,974	5,536	5,178	4,550	10,419	(4,831)	10,085	(4,964)	-	-	-	28,868			
Transport LVI-TP Flex Customer C																
FLEX Rate (Less CCRC)	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700			
FLEX Revenues	(7,930)	12,035	9,443	5,639	9,050	16,794	(8,086)	16,826	(8,281)	-	-	-	45,490			
Transport LVI-TP Flex Customer D																
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500			
FLEX Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-			
Transport LVJ-TP Flex Customer E																
FLEX Rate (Less CCRC)	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500			
FLEX Revenues	8,875	207	9,939	9,416	8,057	7,686	7,203	6,407	9,069	9,270	9,812	7,900	93,842			
Transport LVI-TP Flex Customer F																
FLEX Rate (Less CCRC)	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637	0.00637			
FLEX Revenues	2,776	3,397	2,477	2,339	2,227	2,180	2,391	1,707	565	1,206	394	2,922	24,581			
LVI-1 TP Transport Flex Customer G																
FLEX Rate (Less CCRC)	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552	0.00552			
FLEX Revenues	1,043	1,116	703	717	206	406	333	214	63	217	603	681	6,302			
Total Large Volume Transport Revenues	100,379	192,978	225,590	205,585	174,186	315,376	(7,519)	282,405	195,219	181,538	204,984	195,312	2,266,034			
Large Volume Transport Customers	77	95	96	95	95	111	79	97	95	98	91	104	1,133		Therms	
Average Monthly Customers	77	86	89	91	92	95	93	93	93	94	94	94	94	577,678	1,155,356	1,733,034
Distribution Revenues per Avg. Monthly Customers	\$ 1,303.62	\$ 3,411.13	\$ 5,830.87	\$ 7,961.90	\$ 9,768.68	\$ 12,779.94	\$ 12,973.93	\$ 16,010.55	\$ 18,109.68	\$ 19,848.28	\$ 22,028.96	\$ 24,106.75	\$ 24,106.75			

2018 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential																	
Total Sales	48,077,920	33,221,825	26,018,717	20,053,931	4,218,977	729,044	2,417,140	2,442,079	4,231,658	11,822,861	19,050,590	27,952,853	200,237,595				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Total Revenue	10,448,774	7,220,099	5,654,648	4,398,321	916,910	158,443	525,317	530,737	919,666	2,569,462	4,140,265	6,074,994	43,517,637				
Customers	212,165	212,164	212,080	212,183	212,345	212,708	212,368	212,498	212,600	212,890	213,764	210,925	2,548,690				
Average Monthly Customers	212,165	212,165	212,136	212,148	212,187	212,274	212,288	212,314	212,346	212,400	212,524	212,391	212,391				
Distribution Revenues per Avg. Monthly Customers	\$ 49.26	\$ 83.28	\$ 109.95	\$ 130.48	\$ 134.78	\$ 135.47	\$ 137.94	\$ 140.42	\$ 144.73	\$ 156.79	\$ 176.18	\$ 204.89	\$ 204.89		471	Therms 943	1,414
Forecasted Rev per Avg Monthly Customer	\$ 35.29	\$ 65.19	\$ 89.77	\$ 104.42	\$ 111.79	\$ 114.38	\$ 115.93	\$ 117.80	\$ 122.83	\$ 136.00	\$ 157.71	\$ 189.90	\$ 189.90				
Under/(Over) Collection	(2,986,574)	(3,846,784)	(4,269,341)	(5,489,174)	(4,842,798)	(4,444,591)	(4,638,718)	(4,765,469)	(4,611,571)	(4,376,253)	(3,884,980)	(3,152,862)	(24,226,574)	\$ (0.01716)	\$ (8.09)	\$ (16.17)	\$ (24.26)
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)				
RDM Recoveries/(Refunds)	(2,986,574)	(3,846,784)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,884,980)	(3,152,862)	(24,226,574)	\$ (0.01716)	\$ (8.09)	\$ (16.17)	\$ (24.26)
Weather Normalization Adjustment																	
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Revenue Adjustment	(943)	(504,510)	(43,775)	(1,439,085)	353,496	(1,689)	4,097	5,009	4,101	(388,151)	(764,915)	553,174	(2,223,190)				
Total Adjusted Revenues	10,447,831	6,715,589	5,610,873	2,919,235	1,270,406	156,754	529,414	535,746	923,767	2,181,311	3,375,350	6,628,168	41,294,446				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 49.24	\$ 80.90	\$ 107.36	\$ 121.11	\$ 127.08	\$ 127.76	\$ 130.25	\$ 132.76	\$ 137.09	\$ 147.32	\$ 163.12	\$ 194.43	\$ 194.43				
Under/(Over) Collection	(2,984,435)	(3,340,684)	(3,721,393)	(3,515,515)	(3,220,808)	(2,819,755)	(3,018,012)	(3,151,698)	(3,002,785)	(2,382,837)	(1,137,939)	(952,799)	(24,226,574)	\$ (0.00518)	\$ (2.44)	\$ (4.89)	\$ (7.33)
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)				
RDM Recoveries/(Refunds)	(2,984,435)	(3,340,684)	(3,721,393)	(3,515,515)	(3,220,808)	(2,819,755)	(3,018,012)	(3,151,698)	(3,002,785)	(2,382,837)	(1,137,939)	(952,799)	(24,226,574)	\$ (0.00518)	\$ (2.44)	\$ (4.89)	\$ (7.33)
Firm Class 1																	
Total Sales	3,616,917	1,054,677	1,054,920	804,330	329,624	-81,621	43,039	72,168	93,432	447,507	1,236,931	1,129,346	9,801,270				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Total Revenue	697,993	203,532	203,578	155,220	63,611	(15,751)	8,306	13,927	18,031	86,360	238,703	217,941	1,891,449				
Customers	8,806	9,474	10,249	10,208	10,301	10,258	10,266	10,247	10,252	10,211	10,213	10,138	120,623				
Average Monthly Customers	8,806	9,474	9,510	9,884	9,808	9,883	9,937	9,976	10,007	10,027	10,044	10,052	10,052				
Distribution Revenues per Avg. Monthly Customers	\$ 79.26	\$ 98.64	\$ 116.20	\$ 130.14	\$ 134.99	\$ 132.37	\$ 132.48	\$ 133.36	\$ 134.75	\$ 143.09	\$ 166.62	\$ 188.17	\$ 188.17		488	Therms 975	1,463
Forecasted Rev per Avg Monthly Customer	\$ 39.32	\$ 73.14	\$ 98.82	\$ 113.50	\$ 119.93	\$ 121.44	\$ 121.82	\$ 122.58	\$ 126.68	\$ 138.93	\$ 159.64	\$ 192.82	\$ 192.82				
Under/(Over) Collection	(367,408)	(234,167)	(158,836)	(150,243)	(136,203)	(99,070)	(96,782)	(97,969)	(73,364)	(37,831)	(63,455)	42,301	(24,226,574)	\$ 0.00465	\$ 2.27	\$ 4.54	\$ 6.81
10%Cap	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	175,412	(24,226,574)				
RDM Recoveries/(Refunds)	(175,412)	(175,412)	(158,836)	(150,243)	(136,203)	(99,070)	(96,782)	(97,969)	(73,364)	(37,831)	(63,455)	42,301	(24,226,574)	\$ 0.00465	\$ 2.27	\$ 4.54	\$ 6.81
Weather Normalization Adjustment																	
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Revenue Adjustment	(12,806)	(25,799)	(15,942)	(56,232)	8,039	0	(619)	(617)	142	(12,165)	(48,126)	17,151	(146,974)				
Total Adjusted Revenues	685,187	177,733	187,636	98,987	71,650	(15,751)	7,686	13,310	18,173	74,195	190,577	235,092	1,744,476				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 77.81	\$ 94.41	\$ 110.47	\$ 118.71	\$ 124.51	\$ 121.97	\$ 122.08	\$ 122.94	\$ 124.37	\$ 131.53	\$ 150.28	\$ 173.55	\$ 173.55				
Under/(Over) Collection	(354,070)	(195,322)	(106,469)	(47,041)	(41,422)	(4,804)	(2,361)	(3,272)	21,000	67,296	85,092	175,299	(24,226,574)	\$ 0.01929	\$ 9.40	\$ 18.80	\$ 28.21
10%Cap	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	175,412	175,412	175,412	175,412	(24,226,574)				
RDM Recoveries/(Refunds)	(175,412)	(175,412)	(106,469)	(47,041)	(41,422)	(4,804)	(2,361)	(3,272)	21,000	67,296	85,092	175,299	(24,226,574)	\$ 0.01929	\$ 9.40	\$ 18.80	\$ 28.21
Firm Class 2																	
Total Sales	25,462,108	17,171,366	13,682,907	10,469,064	2,787,701	1,355,657	2,432,526	2,371,847	2,680,889	7,074,582	11,161,891	12,393,494	109,043,833				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Total Revenue	3,540,251	2,387,507	1,902,471	1,455,619	387,602	188,491	338,218	329,754	372,751	983,650	1,551,949	1,723,191	15,161,454				
Customers	14,246	13,522	12,703	12,724	12,722	12,758	12,691	12,655	12,693	12,704	12,781	12,527	154,725				
Average Monthly Customers	14,246	13,884	13,490	13,299	13,163	13,112	13,052	13,003	12,968	12,942	12,927	12,894	12,894				
Distribution Revenues per Avg. Monthly Customers	\$ 248.50	\$ 426.95	\$ 580.45	\$ 698.24	\$ 733.78	\$ 752.13	\$ 781.50	\$ 809.81	\$ 840.74	\$ 918.43	\$ 1,039.55	\$ 1,175.85	\$ 1,175.85		4,228	Therms 8,457	12,685
Forecasted Rev per Avg Monthly Customer	\$ 161.41	\$ 301.40	\$ 419.18	\$ 489.41	\$ 534.45	\$ 558.76	\$ 578.34	\$ 598.59	\$ 630.63	\$ 695.63	\$ 797.36	\$ 945.65	\$ 945.65				
Under/(Over) Collection	(1,163,567)	(1,666,927)	(2,125,700)	(2,765,118)	(2,628,764)	(2,543,782)	(2,668,100)	(2,769,305)	(2,747,819)	(2,908,431)	(3,154,283)	(2,993,060)	(24,226,574)	\$ (0.03385)	\$ (143.12)	\$ (286.24)	\$ (429.36)
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)				
RDM Recoveries/(Refunds)	(1,163,567)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	\$ (0.01390)	\$ (58.79)	\$ (117.59)	\$ (176.38)
Weather Normalization Adjustment																	
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Revenue Adjustment	(65,761)	(212,113)	(69,660)	(527,961)	163,407	(1,808)	703	6,295	(6,124)	(158,464)	(308,683)	143,764	(1,036,404)				
Total Adjusted Revenues	3,474,491	2,175,394	1,832,811	927,657	551,009	186,683	338,922	336,049	366,626	825,186	1,243,267	1,866,955	14,125,050				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 243.88	\$ 406.93	\$ 554.68	\$ 632.40	\$ 679.77	\$ 697.68	\$ 726.86	\$ 755.44	\$ 785.75	\$ 851.09	\$ 948.26	\$ 1,095.47	\$ 1,095.47				
Under/(Over) Collection	(1,101,842)	(1,401,122)	(1,786,026)	(1,893,331)	(1,916,480)	(1,827,493)	(1,950,513)	(2,056,460)	(2,028,659)	(2,029,375)	(1,965,322)	(1,947,960)	(24,226,574)	\$ (0.02203)	\$ (93.15)	\$ (186.29)	\$ (279.44)
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)				
RDM Recoveries/(Refunds)	(1,101,842)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	\$ (0.01390)	\$ (58.79)	\$ (117.59)	\$ (176.38)

Firm Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	1,141,115	769,555	613,216	469,184	124,934	60,755	109,017	106,288	120,147	317,056	500,233	555,429	4,886,929				
Rate (Less CCRC)	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500				
Total Revenue	108,406	73,108	58,255	44,572	11,869	5,772	10,357	10,097	11,414	30,120	47,522	52,766	464,258				
Customers	26	25	23	23	23	23	23	23	23	23	23	23	262				
Average Monthly Customers	26	25	25	24	24	24	24	24	24	24	24	23	23	106,238	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 4,180.40	\$ 7,260.55	\$ 9,590.77	\$ 11,847.57	\$ 12,342.10	\$ 12,582.59	\$ 13,014.11	\$ 13,434.83	\$ 13,910.42	\$ 15,165.43	\$ 17,145.52	\$ 20,185.14	\$ 20,185.14	212,475	318,713		
Forecasted Rev per Avg Monthly Customer	\$ 2,715.40	\$ 5,105.63	\$ 7,049.55	\$ 8,268.02	\$ 8,992.75	\$ 9,378.32	\$ 9,690.67	\$ 10,013.28	\$ 10,522.61	\$ 11,585.93	\$ 13,249.73	\$ 15,687.30	\$ 15,687.30				
Under/(Over) Collection	(35,628)	(51,718)	(80,989)	(85,909)	(80,384)	(76,902)	(79,763)	(82,117)	(81,307)	(83,908)	(93,499)	(107,948)	(8,681.18)	\$ (0.02724)	\$ (2,893.73)	\$ (5,787.46)	\$ (8,681.18)
10%Cap	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)					
RDM Recoveries/(Refunds)	(35,628)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)		\$ (0.00950)	\$ (1,009.26)	\$ (2,018.51)	\$ (3,027.77)
Agricultural Grain Dryer Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	34,999	29,627	29,142	18,309	12,788	5,983	7,075	9,047	10,655	14,534	32,173	23,141	227,473				
Rate (Less CCRC)	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000				
Total Revenue	3,500	2,963	2,914	1,831	1,279	598	708	905	1,066	1,453	3,217	2,314	22,747				
Customers	33	32	33	32	31	32	32	31	32	31	33	29	381				
Average Monthly Customers	33	33	33	33	32	32	32	32	32	32	32	32	32	3,554	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 104.60	\$ 195.84	\$ 284.15	\$ 339.63	\$ 390.20	\$ 408.90	\$ 431.01	\$ 459.28	\$ 492.58	\$ 538.00	\$ 638.54	\$ 710.85	\$ 710.85	7,109	10,663		
Forecasted Rev per Avg Monthly Customer	\$ 112.16	\$ 214.21	\$ 308.71	\$ 363.36	\$ 412.60	\$ 443.60	\$ 472.00	\$ 497.00	\$ 528.10	\$ 572.87	\$ 639.15	\$ 735.65	\$ 735.65				
Under/(Over) Collection	236	569	761	736	694	1,076	1,271	1,169	1,101	1,081	19	769	35.95	\$ 0.00337	\$ 11.98	\$ 23.96	\$ 35.95
10%Cap	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281					
RDM Recoveries/(Refunds)	236	569	761	736	694	1,076	1,271	1,169	1,101	1,081	19	769		\$ 0.00337	\$ 11.98	\$ 23.96	\$ 35.95
Agricultural Grain Dryer Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	240,823	212,937	219,932	149,062	115,574	88,999	92,636	107,870	132,529	124,858	256,847	158,753	1,900,820				
Rate (Less CCRC)	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197				
Total Revenue	12,516	11,066	11,430	7,747	6,006	4,625	4,814	5,606	6,888	6,489	13,348	8,250	98,786				
Customers	45	43	44	43	41	43	43	42	43	42	43	36	507				
Average Monthly Customers	45	44	44	44	43	43	43	43	43	43	43	42	42	22,629	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 279.50	\$ 535.95	\$ 795.72	\$ 971.78	\$ 1,134.07	\$ 1,241.63	\$ 1,353.59	\$ 1,483.97	\$ 1,644.14	\$ 1,795.04	\$ 2,105.47	\$ 2,352.04	\$ 2,352.04	45,258	67,886		
Forecasted Rev per Avg Monthly Customer	\$ 343.58	\$ 657.57	\$ 943.67	\$ 1,149.93	\$ 1,322.42	\$ 1,462.97	\$ 1,599.37	\$ 1,730.54	\$ 1,880.61	\$ 2,085.75	\$ 2,317.06	\$ 2,630.32	\$ 2,630.32				
Under/(Over) Collection	2,583	4,865	5,918	7,126	7,534	8,854	9,831	9,863	9,459	11,628	8,464	11,131	373.26	\$ 0.00550	\$ 124.42	\$ 248.84	\$ 373.26
10%Cap	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521					
RDM Recoveries/(Refunds)	2,583	4,865	5,918	7,126	7,534	8,854	9,831	9,863	9,459	10,521	8,464	10,521		\$ 0.00520	\$ 117.60	\$ 235.20	\$ 352.81
Agricultural Grain Dryer Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	141,457	129,660	141,387	109,995	90,651	102,561	100,666	109,557	138,318	96,937	175,114	86,935	1,423,239				
Rate (Less CCRC)	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907				
Total Revenue	4,112	3,769	4,110	3,198	2,635	2,981	2,926	3,185	4,021	2,818	5,091	2,527	41,374				
Customers	1	1	1	1	1	1	1	1	1	1	1	1	14				
Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1	1	1	711,619	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 3,298.91	\$ 7,881.38	\$ 11,991.52	\$ 15,189.08	\$ 17,824.30	\$ 20,805.76	\$ 23,732.12	\$ 26,916.93	\$ 30,937.83	\$ 33,755.78	\$ 38,846.34	\$ 41,373.54	\$ 41,373.54	1,423,239	2,134,858		
Forecasted Rev per Avg Monthly Customer	\$ 5,156.40	\$ 9,523.72	\$ 13,504.91	\$ 17,398.67	\$ 20,312.70	\$ 23,362.17	\$ 26,441.77	\$ 29,589.52	\$ 33,023.91	\$ 37,619.62	\$ 41,656.12	\$ 46,630.72	\$ 46,630.72				
Under/(Over) Collection	1,810	1,642	1,513	2,210	2,488	2,556	2,710	2,673	2,086	3,864	2,810	5,257	6,996.72	\$ 0.00328	\$ 2,332.24	\$ 4,664.48	\$ 6,996.72
10%Cap	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663					
RDM Recoveries/(Refunds)	1,810	1,642	1,513	2,210	2,488	2,556	2,710	2,673	2,086	3,864	2,810	4,663		\$ 0.00291	\$ 2,068.68	\$ 4,137.35	\$ 6,206.03
Power Generation Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	15,096	13,670	14,770	11,486	9,307	10,482	10,318	11,222	14,159	10,064	18,136	9,189	147,898				
Rate (Less CCRC)	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000				
Total Revenue	1,057	957	1,034	804	652	734	722	786	991	704	1,270	643	10,353				
Customers	7	7	7	7	7	7	7	7	7	7	7	7	84				
Average Monthly Customers	7	7	7	7	7	7	7	7	7	7	7	7	7	10,564	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 150.96	\$ 287.66	\$ 435.36	\$ 550.21	\$ 643.29	\$ 748.10	\$ 851.28	\$ 963.50	\$ 1,105.09	\$ 1,205.73	\$ 1,387.09	\$ 1,478.98	\$ 1,478.98	21,128	31,692		
Forecasted Rev per Avg Monthly Customer	\$ 176.02	\$ 333.64	\$ 473.12	\$ 609.53	\$ 711.61	\$ 818.44	\$ 926.33	\$ 1,036.61	\$ 1,156.92	\$ 1,317.92	\$ 1,459.34	\$ 1,633.61	\$ 1,633.61				
Under/(Over) Collection	175	322	264	415	478	492	525	512	363	785	506	1,082	209.99	\$ 0.00663	\$ 70.00	\$ 139.99	\$ 209.99
10%Cap	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144					
RDM Recoveries/(Refunds)	175	322	264	415	478	492	525	512	363	785	506	1,082		\$ 0.00663	\$ 70.00	\$ 139.99	\$ 209.99

Power Generation Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	2,528,258	1,688,060	2,412,472	4,719,878	9,872,797	4,497,884	4,837,308	7,235,252	7,344,509	4,601,844	6,198,639	3,088,252	59,005,153					
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448					
Total Revenue	11,327	7,563	10,808	21,145	44,230	20,151	21,671	32,414	32,903	20,616	27,770	13,746	264,343					
Customers	2	2	2	4	12	4	5	5	5	5	5	5	56					
Average Monthly Customers	2	2	2	3	4	4	4	5	5	5	5	5	5					
Distribution Revenues per Avg. Monthly Customers	\$ 5,663.30	\$ 9,444.55	\$ 14,848.49	\$ 16,947.34	\$ 23,768.04	\$ 28,805.67	\$ 34,223.46	\$ 33,861.55	\$ 40,442.23	\$ 44,565.48	\$ 50,119.46	\$ 52,868.62	\$ 52,868.62	5,900,515	Therms	11,801,031	17,701,546	
Forecasted Rev per Avg Monthly Customer	\$ 3,660.62	\$ 9,696.42	\$ 15,869.12	\$ 23,599.99	\$ 32,897.30	\$ 38,380.01	\$ 48,150.16	\$ 58,010.13	\$ 72,719.79	\$ 79,124.16	\$ 85,416.96	\$ 90,105.61	\$ 90,105.61					
Under/(Over) Collection	(4,005)	504	2,041	13,305	18,259	19,149	27,853	48,297	64,555	69,117	70,595	74,474						
10%Cap	(18,021)	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021		\$ 0.00185	\$	10,924.23	\$ 21,848.45	\$ 32,772.68
RDM Recoveries/(Refunds)	(4,005)	504	2,041	13,305	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021		\$ 0.00045	\$	2,643.43	\$ 5,286.86	\$ 7,930.29
Annual Revenue Surcharge/(Credit)																		
Interruptible Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	2,495,191	2,153,558	2,138,424	1,286,395	935,675	343,832	427,879	586,390	677,684	1,022,286	2,382,390	1,717,491	16,167,194					
Rate (Less CCRC)	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500					
Total Revenue	187,139	161,517	160,382	96,480	70,176	25,787	32,091	43,979	50,826	76,671	178,679	128,812	1,212,540					
Customers	382	369	380	378	357	372	367	368	362	363	386	374	4,458					
Average Monthly Customers	382	376	377	377	373	373	372	372	371	370	371	372	372					
Distribution Revenues per Avg. Monthly Customers	\$ 489.89	\$ 927.28	\$ 1,350.23	\$ 1,606.15	\$ 1,811.51	\$ 1,880.64	\$ 1,971.97	\$ 2,090.19	\$ 2,232.82	\$ 2,446.08	\$ 2,921.10	\$ 3,259.51	\$ 3,259.51	21,730	Therms	43,460	65,190	
Forecasted Rev per Avg Monthly Customer	\$ 514.81	\$ 979.04	\$ 1,417.86	\$ 1,657.64	\$ 1,887.18	\$ 2,044.32	\$ 2,168.15	\$ 2,266.79	\$ 2,399.70	\$ 2,580.93	\$ 2,886.01	\$ 3,329.63	\$ 3,329.63					
Under/(Over) Collection	9,345	19,410	25,361	19,257	28,225	60,234	71,998	64,812	61,078	49,355	(12,808)	25,594		\$ 0.00158	\$	34.32	\$ 68.64	\$ 102.97
10%Cap	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532						
RDM Recoveries/(Refunds)	9,345	19,410	25,361	19,257	28,225	60,234	71,998	64,812	61,078	49,355	(12,808)	25,594		\$ 0.00158	\$	34.32	\$ 68.64	\$ 102.97
Annual Revenue Surcharge/(Credit)																		
Interruptible Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	7,280,811	6,561,208	6,977,903	5,111,011	4,107,339	4,045,228	4,046,573	4,505,604	5,635,678	4,410,453	8,418,350	4,629,491	65,729,650					
Rate (Less CCRC)	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500					
Total Revenue	473,253	426,479	453,564	332,216	266,977	262,940	263,027	292,864	366,319	286,679	547,193	300,917	4,272,427					
Customers	189	179	185	178	172	182	180	174	185	177	181	140	2,121					
Average Monthly Customers	189	184	184	183	181	181	181	180	180	180	180	177	177					
Distribution Revenues per Avg. Monthly Customers	\$ 2,499.95	\$ 4,889.84	\$ 7,354.86	\$ 9,210.44	\$ 10,787.23	\$ 12,239.93	\$ 13,693.12	\$ 15,396.22	\$ 17,431.32	\$ 19,023.99	\$ 22,063.95	\$ 24,138.01	\$ 24,138.01	185,677	Therms	371,354	557,031	
Forecasted Rev per Avg Monthly Customer	\$ 3,349.81	\$ 6,388.37	\$ 9,164.08	\$ 11,515.15	\$ 13,354.81	\$ 15,011.20	\$ 16,640.38	\$ 18,474.50	\$ 20,271.92	\$ 22,845.85	\$ 25,329.96	\$ 28,514.63	\$ 28,514.63					
Under/(Over) Collection	140,114	245,759	294,903	375,668	418,516	454,488	486,298	504,838	468,699	630,607	538,892	722,142		\$ 0.00998	\$	1,852.43	\$ 3,704.87	\$ 5,557.30
10%Cap	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491						
RDM Recoveries/(Refunds)	140,114	245,759	294,903	375,668	418,516	454,488	470,491	470,491	468,699	470,491	470,491	470,491		\$ 0.00650	\$	1,206.90	\$ 2,413.80	\$ 3,620.70
Annual Revenue Surcharge/(Credit)																		
Interruptible Class 4	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	2,104,388	1,915,354	2,074,584	1,564,672	1,279,133	1,387,703	1,369,580	1,500,590	1,889,313	1,685,608	3,048,984	1,475,611	21,295,520					
Rate (Less CCRC)	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870					
Total Revenue	39,352	35,817	38,795	29,259	23,920	25,950	25,611	28,061	35,330	31,521	57,016	27,594	398,226					
Customers	19	18	18	17	16	17	17	16	18	18	18	13	204					
Average Monthly Customers	19	18	18	18	18	18	17	17	17	17	17	17	17					
Distribution Revenues per Avg. Monthly Customers	\$ 2,074.18	\$ 4,176.07	\$ 6,331.33	\$ 7,956.85	\$ 9,285.73	\$ 10,727.40	\$ 12,864.96	\$ 14,515.61	\$ 16,593.85	\$ 18,448.02	\$ 21,801.90	\$ 23,425.07	\$ 23,425.07	626,339	Therms	1,252,678	1,879,016	
Forecasted Rev per Avg Monthly Customer	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24					
Under/(Over) Collection	12,567	19,256	40,224	52,217	56,413	58,925	51,340	52,205	54,431	64,549	44,930	63,826		\$ 0.00258	\$	1,617.93	\$ 3,235.85	\$ 4,853.78
10%Cap	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205						
RDM Recoveries/(Refunds)	12,567	19,256	40,224	46,205	46,205	46,205	46,205	46,205	46,205	46,205	44,930	46,205		\$ 0.00187	\$	1,171.25	\$ 2,342.51	\$ 3,513.76
Annual Revenue Surcharge/(Credit)																		
Interruptible Class 5	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	32,214,670	23,972,541	26,951,738	24,096,049	11,792,018	22,143,616	19,881,775	22,888,173	24,835,673	17,975,879	23,890,291	17,848,344	268,490,767					
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448					
Total Revenue	144,322	107,397	120,744	107,950	52,828	99,203	89,070	102,539	111,264	80,532	107,029	79,961	1,202,839					
Customers	24	24	24	22	14	22	22	22	22	22	22	22	262					
Average Monthly Customers	24	24	24	24	22	22	22	22	22	22	22	22	22					
Distribution Revenues per Avg. Monthly Customers	\$ 6,013.40	\$ 10,488.28	\$ 15,519.27	\$ 20,017.20	\$ 24,238.23	\$ 28,747.47	\$ 32,796.13	\$ 37,456.99	\$ 42,514.44	\$ 46,174.98	\$ 51,039.91	\$ 54,674.48	\$ 54,674.48	6,102,063	Therms	12,204,126	18,306,189	
Forecasted Rev per Avg Monthly Customer	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42					
Under/(Over) Collection	(5,495)	9,403	13,300	21,278	19,395	14,661	17,080	7,973	(123)	37,263	51,161	101,353		\$ 0.00035	\$	2,124.46	\$ 4,248.92	\$ 6,373.38
10%Cap	(130,419)	130,419	130,419	130,419	130,419	130,419	130,419	130,419	(130,419)	130,419	130,419	130,419						
RDM Recoveries/(Refunds)	(5,495)	9,403	13,300	21,278	19,395	14,661	17,080	7,973	(123)	37,263	51,161	101,353		\$ 0.00035	\$	2,124.46	\$ 4,248.92	\$ 6,373.38

2019 ACTUAL DISTRIBUTION REVENUES LESS CCRC

Residential	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Total Sales	40,435,709	35,522,965	28,938,326	14,682,697	7,784,953	6,023,004	5,142,434	2,425,782	3,261,644	12,347,468	22,218,753	26,584,551	207,368,286				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Total Revenue	8,787,893	7,720,206	6,289,166	3,190,991	1,691,904	1,308,979	1,117,605	527,195	708,853	2,683,475	4,828,802	6,212,280	45,067,350				
Customers	219,262	214,408	214,566	214,557	215,431	215,032	214,944	212,578	212,866	213,688	215,334	219,881	2,582,547				
Average Monthly Customers	219,262	216,835	216,079	215,698	215,645	215,543	215,457	215,097	214,849	214,733	214,788	215,212	215,212		482	964	1,445
Distribution Revenues per Avg. Monthly Customers	\$ 40.08	\$ 76.13	\$ 105.50	\$ 120.48	\$ 128.36	\$ 134.49	\$ 139.73	\$ 142.42	\$ 145.88	\$ 158.46	\$ 180.90	\$ 209.41	\$ 209.41				
Forecasted Rev per Avg Monthly Customer	\$ 35.29	\$ 65.19	\$ 89.77	\$ 104.42	\$ 111.79	\$ 114.38	\$ 115.93	\$ 117.80	\$ 122.83	\$ 136.00	\$ 157.71	\$ 189.90	\$ 189.90				
Under/(Over) Collection	(1,024,763)	(2,326,358)	(3,327,886)	(3,382,814)	(3,490,437)	(4,238,062)	(5,015,969)	(5,186,819)	(4,853,731)	(4,727,785)	(4,877,785)	(4,103,558)		\$ (0.02233)		Annual Revenue Surcharge/(Credit) (10.76) \$ (21.51) \$ (32.27)	
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)					
RDM Recoveries/(Refunds)	(1,024,763)	(2,326,358)	(3,327,886)	(3,382,814)	(3,490,437)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)		\$ (0.02173)	(10.47) \$ (20.94) \$ (31.41)		
Weather Normalization Adjustment	-2,623,480	-4,534,790	-3,528,610	-659,230	-1,455,420	311,160	0	0	398,280	-1,775,860	-3,057,700	867,900	(16,057,750)				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Revenue Adjustment	(570,161)	(985,546)	(766,873)	(143,270)	(316,306)	67,624	-	-	86,558	(385,948)	(664,530)	188,621	(3,489,831)				
Total Adjusted Revenues	8,217,732	6,734,660	5,522,294	3,047,720	1,375,597	1,376,604	1,117,605	527,195	795,411	2,297,528	4,164,272	6,400,901	41,577,519				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 37.48	\$ 68.96	\$ 94.76	\$ 109.05	\$ 115.46	\$ 121.90	\$ 127.14	\$ 129.80	\$ 133.65	\$ 144.42	\$ 163.77	\$ 193.19	\$ 193.19				
Under/(Over) Collection	(468,524)	(801,679)	(1,055,699)	(975,245)	(773,078)	(1,584,795)	(2,362,564)	(2,528,100)	(2,278,411)	(1,772,393)	(1,274,660)	(691,989)		\$ (0.00377)	(1.81) \$ (3.63) \$ (5.44)		
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)					
RDM Recoveries/(Refunds)	(468,524)	(801,679)	(1,055,699)	(975,245)	(773,078)	(1,584,795)	(2,362,564)	(2,528,100)	(2,278,411)	(1,772,393)	(1,274,660)	(691,989)		\$ (0.00377)	(1.81) \$ (3.63) \$ (5.44)		
Firm Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	2,178,199	2,327,909	773,044	552,799	482,345	143,179	-118,290	210,291	183,223	735,256	679,991	1,335,627	9,484,573				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Total Revenue	420,542	449,240	149,182	106,679	93,083	27,631	(22,828)	40,582	35,358	141,890	131,225	257,749	1,830,333				
Customers	10,315	10,317	9,377	9,359	9,301	9,264	9,229	9,219	9,234	9,340	9,473	9,507	113,935				
Average Monthly Customers	10,315	10,316	10,003	9,842	9,734	9,656	9,595	9,548	9,513	9,496	9,493	9,495	9,495		499	999	1,498
Distribution Revenues per Avg. Monthly Customers	\$ 40.77	\$ 84.31	\$ 101.87	\$ 114.37	\$ 125.20	\$ 129.08	\$ 127.54	\$ 132.40	\$ 136.60	\$ 151.79	\$ 165.66	\$ 192.77	\$ 192.77				
Forecasted Rev per Avg Monthly Customer	\$ 39.32	\$ 73.14	\$ 98.82	\$ 113.50	\$ 119.93	\$ 121.44	\$ 121.82	\$ 122.58	\$ 126.68	\$ 138.93	\$ 159.64	\$ 192.82	\$ 192.82				
Under/(Over) Collection	(13,339)	(102,574)	(27,874)	(7,855)	(47,662)	(69,249)	(51,750)	(89,244)	(90,183)	(116,949)	(54,728)	455		\$ 0.00005	0.02	0.05	0.07
10%Cap	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	(175,412)	175,412					
RDM Recoveries/(Refunds)	(13,339)	(102,574)	(27,874)	(7,855)	(47,662)	(69,249)	(51,750)	(89,244)	(90,183)	(116,949)	(54,728)	455		\$ 0.00005	0.02	0.05	0.07
Weather Normalization Adjustment	-146,701	-310,114	-95,721	-26,762	-116,426	7,710	0	0	57,390	-121,919	-96,583	42,534	(806,593)				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Revenue Adjustment	(28,310)	(59,846)	(18,472)	(5,164)	(22,468)	1,488	(0)	0	11,075	(23,528)	(18,639)	8,208	(155,656)				
Total Adjusted Revenues	392,231	389,394	130,710	101,515	70,615	29,119	(22,828)	40,582	46,433	118,362	112,586	265,957	1,674,677				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 38.03	\$ 75.77	\$ 91.21	\$ 103.01	\$ 111.41	\$ 115.33	\$ 118.49	\$ 123.81	\$ 136.49	\$ 148.40	\$ 148.40	\$ 176.37	\$ 176.37				
Under/(Over) Collection	11,867	(24,151)	69,548	94,714	77,055	55,381	73,903	37,170	26,091	22,189	102,183	149,646		\$ 0.01646	8.22	16.45	24.67
10%Cap	175,412	(175,412)	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412					
RDM Recoveries/(Refunds)	11,867	(24,151)	69,548	94,714	77,055	55,381	73,903	37,170	26,091	22,189	102,183	149,646		\$ 0.01646	8.22	16.45	24.67
Firm Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	22,423,678	24,773,468	13,356,968	8,645,463	4,347,669	1,970,131	2,418,621	1,841,282	2,445,812	8,708,417	11,240,261	15,343,255	117,515,023				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Total Revenue	3,117,788	3,444,503	1,857,153	1,202,065	604,500	273,927	336,285	256,012	340,066	1,210,818	1,562,846	2,133,326	16,339,289				
Customers	12,809	12,823	13,766	13,752	13,709	13,670	13,628	13,585	13,589	13,625	13,687	13,710	162,342				
Average Monthly Customers	12,809	12,816	13,132	13,287	13,371	13,421	13,451	13,468	13,480	13,495	13,512	13,528	13,528		4,343	8,687	13,030
Distribution Revenues per Avg. Monthly Customers	\$ 243.41	\$ 512.04	\$ 641.14	\$ 724.13	\$ 784.79	\$ 782.35	\$ 805.61	\$ 823.60	\$ 848.09	\$ 936.87	\$ 1,051.36	\$ 1,207.81	\$ 1,207.81				
Forecasted Rev per Avg Monthly Customer	\$ 161.41	\$ 301.40	\$ 419.18	\$ 489.41	\$ 534.45	\$ 558.76	\$ 578.34	\$ 598.59	\$ 630.63	\$ 695.63	\$ 797.36	\$ 945.65	\$ 945.65				
Under/(Over) Collection	(1,095,562)	(2,796,667)	(2,925,655)	(3,107,928)	(3,037,724)	(2,941,326)	(2,984,737)	(2,950,106)	(2,843,942)	(3,149,147)	(3,308,096)	(3,408,604)		\$ (0.03855)	(167.42) \$ (334.84) \$ (502.26)		
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)					
RDM Recoveries/(Refunds)	(1,095,562)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)		\$ (0.01390)	(60.39) \$ (120.78) \$ (181.17)		
Weather Normalization Adjustment	-1,443,903	-3,213,362	-1,523,211	-352,871	-551,275	0	0	0	53,515	-1,178,445	-1,432,662	448,632	(9,193,582)				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Revenue Adjustment	(200,760)	(446,786)	(211,787)	(49,063)	(76,649)	0	0	0	7,441	(163,851)	(199,197)	62,378	(1,278,276)				
Total Adjusted Revenues	2,917,028	2,997,717	1,645,365	1,153,002	527,851	273,927	336,285	256,012	347,506	1,046,967	1,363,648	2,195,704	15,061,013				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 227.74	\$ 461.51	\$ 575.70	\$ 656.76	\$ 691.12	\$ 708.96	\$ 732.37	\$ 750.46	\$ 775.57	\$ 852.29	\$ 952.14	\$ 1,113.32	\$ 1,113.32				
Under/(Over) Collection	(886,203)	(2,125,780)	(2,063,090)	(2,202,640)	(2,066,164)	(1,975,881)	(2,022,876)	(1,991,168)	(1,895,525)	(2,045,040)	(2,015,855)	(2,180,045)		\$ (0.02465)	(107.08) \$ (214.15) \$ (321.23)		
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)					
RDM Recoveries/(Refunds)	(886,203)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)		\$ (0.01390)	(60.39) \$ (120.78) \$ (181.17)		

Firm Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	1,004,944	1,110,252	598,608	387,457	194,846	88,294	108,393	82,519	109,612	390,278	503,746	687,626	5,266,575				
Rate (Less CCRC)	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500					
Total Revenue	95,470	105,474	56,868	36,808	18,510	8,388	10,297	7,839	10,413	37,076	47,856	65,324	500,325				
Customers	23	23	25	25	25	25	25	25	25	25	25	25	295			Therms	
Average Monthly Customers	23	23	24	24	24	24	24	25	25	25	25	25	25			105,332	
Distribution Revenues per Avg. Monthly Customers	\$ 4,094.78	\$ 8,736.68	\$ 10,742.14	\$ 12,275.83	\$ 13,047.09	\$ 13,396.59	\$ 13,825.64	\$ 13,586.19	\$ 14,002.72	\$ 15,485.77	\$ 17,400.01	\$ 20,012.99	\$ 20,012.99			210,663	
Forecasted Rev per Avg Monthly Customer	\$ 2,715.40	\$ 5,105.63	\$ 7,049.55	\$ 8,268.02	\$ 8,992.75	\$ 9,378.32	\$ 9,690.67	\$ 10,013.28	\$ 10,522.61	\$ 11,585.93	\$ 13,249.73	\$ 15,687.30	\$ 15,687.30			315,995	
Under/(Over) Collection	(33,545)	(87,145)	(88,622)	(96,187)	(97,304)	(96,438)	(99,239)	(85,750)	(83,523)	(93,596)	(99,607)	(103,817)		\$ (0.02620)	\$ (2,759.24)	\$ (5,518.48)	\$ (8,277.71)
10%Cap	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)					
RDM Recoveries/(Refunds)	(33,545)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)		\$ (0.00950)	\$ (1,000.65)	\$ (2,001.30)	\$ (3,001.95)
Agricultural Grain Dryer Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	19,367	15,471	11,454	9,004	9,328	2,958	2,336	2,947	2,997	10,247	19,040	30,054	135,203				
Rate (Less CCRC)	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000					
Total Revenue	1,937	1,547	1,145	900	933	296	234	295	300	1,025	1,904	3,005	13,520				
Customers	29	29	29	29	29	29	30	32	31	31	31	31	361			Therms	
Average Monthly Customers	29	29	29	29	29	29	29	30	30	30	30	30	30			2,253	
Distribution Revenues per Avg. Monthly Customers	\$ 66.38	\$ 120.13	\$ 159.63	\$ 190.68	\$ 222.84	\$ 233.04	\$ 241.10	\$ 242.88	\$ 252.87	\$ 287.03	\$ 350.50	\$ 450.68	\$ 450.68			4,507	
Forecasted Rev per Avg Monthly Customer	\$ 112.16	\$ 214.21	\$ 308.71	\$ 363.36	\$ 412.60	\$ 443.60	\$ 472.00	\$ 497.00	\$ 528.10	\$ 572.87	\$ 639.15	\$ 735.65	\$ 735.65			6,760	
Under/(Over) Collection	1,428	2,916	4,621	5,353	5,883	6,527	7,158	7,878	8,532	8,861	8,948	8,834		\$ 0.03874	\$ 87.29	\$ 174.58	\$ 261.87
10%Cap	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281					
RDM Recoveries/(Refunds)	1,428	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281		\$ 0.01000	\$ 22.53	\$ 45.07	\$ 67.60
Agricultural Grain Dryer Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	395,812	291,201	233,937	197,306	222,167	73,129	42,714	80,666	78,266	250,927	422,795	663,336	2,952,257				
Rate (Less CCRC)	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197					
Total Revenue	20,570	15,134	12,158	10,254	11,546	3,801	2,220	4,192	4,067	13,041	21,973	34,474	153,429				
Customers	39	40	39	39	39	40	41	43	41	41	40	40	482			Therms	
Average Monthly Customers	39	39	39	39	39	39	40	40	40	40	40	40	40			36,903	
Distribution Revenues per Avg. Monthly Customers	\$ 523.93	\$ 915.49	\$ 1,227.23	\$ 1,490.15	\$ 1,786.20	\$ 1,883.65	\$ 1,892.05	\$ 1,996.86	\$ 2,098.55	\$ 2,424.56	\$ 2,973.88	\$ 3,835.72	\$ 3,835.72			73,806	
Forecasted Rev per Avg Monthly Customer	\$ 343.58	\$ 657.57	\$ 943.67	\$ 1,149.93	\$ 1,322.42	\$ 1,462.97	\$ 1,599.37	\$ 1,730.54	\$ 1,880.61	\$ 2,085.75	\$ 2,317.06	\$ 2,630.32	\$ 2,630.32			110,710	
Under/(Over) Collection	(7,270)	(10,317)	(11,342)	(13,609)	(18,551)	(16,827)	(11,707)	(10,653)	(8,718)	(13,552)	(26,273)	(48,216)		\$ (0.02382)	\$ (878.90)	\$ (1,757.80)	\$ (2,636.70)
10%Cap	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)					
RDM Recoveries/(Refunds)	(7,270)	(10,317)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(8,718)	(10,521)	(10,521)	(10,521)		\$ (0.00520)	\$ (191.79)	\$ (383.57)	\$ (575.36)
Agricultural Grain Dryer Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	208,365	170,084	164,978	163,593	146,845	126,332	147,329	164,673	149,429	168,422	164,279	195,292	1,969,621				
Rate (Less CCRC)	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907					
Total Revenue	6,057	4,944	4,796	4,756	4,269	3,672	4,283	4,787	4,344	4,896	4,776	5,677	57,257				
Customers	2	3	3	3	3	3	3	3	2	2	2	2	28			Therms	
Average Monthly Customers	2	3	3	3	3	3	3	3	3	3	2	2	2			492,405	
Distribution Revenues per Avg. Monthly Customers	\$ 2,571.32	\$ 3,667.17	\$ 5,265.81	\$ 6,851.03	\$ 8,273.95	\$ 9,498.11	\$ 10,925.73	\$ 12,521.41	\$ 13,969.38	\$ 23,402.08	\$ 25,789.88	\$ 28,628.45	\$ 28,628.45			984,811	
Forecasted Rev per Avg Monthly Customer	\$ 5,156.40	\$ 9,523.72	\$ 13,504.91	\$ 17,398.67	\$ 20,312.70	\$ 23,362.17	\$ 26,441.77	\$ 29,589.52	\$ 33,023.91	\$ 37,619.62	\$ 41,656.12	\$ 46,630.72	\$ 46,630.72			1,477,216	
Under/(Over) Collection	2,519	5,857	8,239	10,548	12,039	13,864	15,516	17,068	19,055	14,218	15,866	18,002		\$ 0.01122	\$ 5,526.15	\$ 11,052.31	\$ 16,578.46
10%Cap	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663					
RDM Recoveries/(Refunds)	2,519	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663	4,663		\$ 0.00291	\$ 1,431.42	\$ 2,862.84	\$ 4,294.27
Power Generation Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	54,545	40,256	31,986	26,972	30,466	9,713	4,903	10,766	10,496	35,197	58,082	91,026	404,406				
Rate (Less CCRC)	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000					
Total Revenue	3,818	2,818	2,239	1,888	2,133	690	343	754	735	2,464	4,066	6,372	28,308				
Customers	7	7	7	7	7	7	7	7	7	7	7	7	83			Therms	
Average Monthly Customers	7	7	7	7	7	7	7	7	7	7	7	7	7			28,886	
Distribution Revenues per Avg. Monthly Customers	\$ 569.72	\$ 948.01	\$ 1,267.87	\$ 1,537.59	\$ 1,842.24	\$ 1,939.37	\$ 1,988.40	\$ 2,096.06	\$ 2,201.02	\$ 2,552.99	\$ 3,133.80	\$ 4,044.06	\$ 4,044.06			57,772	
Forecasted Rev per Avg Monthly Customer	\$ 176.02	\$ 333.64	\$ 473.12	\$ 609.53	\$ 711.61	\$ 818.44	\$ 926.33	\$ 1,036.61	\$ 1,156.92	\$ 1,317.92	\$ 1,459.34	\$ 1,633.61	\$ 1,633.61			86,658	
Under/(Over) Collection	(2,756)	(4,301)	(5,563)	(6,496)	(7,914)	(7,847)	(7,434)	(7,416)	(7,309)	(6,845)	(11,721)	(16,873)		\$ (0.10329)	\$ (2,983.58)	\$ (5,967.15)	\$ (8,950.73)
10%Cap	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)					
RDM Recoveries/(Refunds)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)	(1,144)		\$ (0.00700)	\$ (202.20)	\$ (404.41)	\$ (606.61)

Power Generation Class 2													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	5,225,195	4,265,205	4,137,160	4,102,435	3,682,429	3,168,031	3,694,589	4,129,509	3,747,251	4,223,525	4,119,640	4,897,356	49,392,325
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Total Revenue	23,409	19,108	18,534	18,379	16,497	14,193	16,552	18,500	16,788	18,921	18,456	21,940	221,278
Customers	5	5	5	5	5	5	5	5	3	3	3	3	56
Average Monthly Customers	5	5	5	5	5	5	5	5	5	5	5	5	5
Distribution Revenues per Avg. Monthly Customers	\$ 4,968.62	\$ 8,503.40	\$ 12,210.29	\$ 15,886.08	\$ 19,185.53	\$ 22,024.09	\$ 25,334.44	\$ 29,034.48	\$ 32,392.02	\$ 36,176.30	\$ 39,867.49	\$ 44,255.52	\$ 44,255.52
Forecasted Rev per Avg Monthly Customer	\$ 3,660.62	\$ 9,696.42	\$ 15,869.12	\$ 23,599.99	\$ 32,897.30	\$ 38,380.01	\$ 48,150.16	\$ 58,010.13	\$ 72,719.79	\$ 79,124.16	\$ 85,416.96	\$ 90,105.61	\$ 90,105.61
Under/(Over) Collection	(2,616)	2,386	7,318	15,428	27,424	32,712	45,631	57,951	80,656	85,896	91,099	91,700	\$ 0.00228
10%Cap	(18,021)	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	\$ 11,259.68
RDM Recoveries/(Refunds)	(2,616)	2,386	7,318	15,428	18,021	18,021	18,021	18,021	18,021	18,021	18,021	18,021	\$ 2,212.78
													\$ 4,425.55
													\$ 6,638.33
													\$ 8,177
													\$ 16,354
													\$ 24,532
													\$ 0.04737
													\$ 387.36
													\$ 774.73
													\$ 1,162.09
													\$ 0.00750
													\$ 61.33
													\$ 122.66
													\$ 183.99
													\$ 155,893
													\$ 311,785
													\$ 467,678
													\$ 0.01880
													\$ 2,931.24
													\$ 5,862.48
													\$ 8,793.72
													\$ 0.00650
													\$ 1,013.30
													\$ 2,026.60
													\$ 3,039.90
													\$ 455,865
													\$ 911,731
													\$ 1,367,596
													\$ 0.00697
													\$ 3,177.26
													\$ 6,354.53
													\$ 9,531.79
													\$ 0.00187
													\$ 852.47
													\$ 1,704.94
													\$ 2,557.41
													\$ 9,406,657
													\$ 18,813,315
													\$ 28,219,972
													\$ 0.00189
													\$ 17,773.52
													\$ 35,547.04
													\$ 53,320.57
													\$ 0.00045
													\$ 4,214.18
													\$ 8,428.36
													\$ 12,642.55

2020 ACTUAL DISTRIBUTION REVENUES LESS CCRC

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Residential																	
Total Sales	38,651,932	31,395,493	19,735,199	16,218,241	8,102,044	3,124,864	3,687,010	4,242,649	3,737,998	13,435,692	17,235,022	30,980,656	190,546,800				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Total Revenue	8,400,224	6,823,182	4,289,051	3,524,710	1,760,817	679,127	801,298	922,055	812,379	2,919,979	3,745,687	6,733,026	41,411,536				
Customers	221,165	215,069	212,046	216,603	217,516	217,327	219,260	221,007	217,993	218,605	220,107	221,232	2,617,930				
Average Monthly Customers	221,165	215,069	212,046	216,603	217,516	217,327	219,260	221,007	217,993	218,605	220,107	221,232	2,617,930				
Distribution Revenues per Avg. Monthly Customers	\$ 37.98	\$ 69.79	\$ 90.30	\$ 106.54	\$ 114.55	\$ 117.61	\$ 121.10	\$ 125.06	\$ 128.76	\$ 142.12	\$ 159.16	\$ 189.82	\$ 189.82		437	873	1,310
Forecasted Rev per Avg Monthly Customer	\$ 35.29	\$ 65.19	\$ 89.77	\$ 104.42	\$ 117.79	\$ 114.38	\$ 115.93	\$ 117.80	\$ 122.83	\$ 136.00	\$ 157.71	\$ 189.90	\$ 189.90				
Under/(Over) Collection	(575,493)	(978,176)	(112,128)	(446,548)	(581,388)	(680,703)	(1,089,603)	(1,529,501)	(1,248,704)	(1,288,248)	(304,993)	16,826	\$ 0.00009	\$ 0.04	\$ 0.08	\$ 0.12	
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	3,994,174		\$ 0.00009	\$ 0.04	\$ 0.08	\$ 0.12
RDM Recoveries/(Refunds)	(575,493)	(978,176)	(112,128)	(446,548)	(581,388)	(680,703)	(1,089,603)	(1,529,501)	(1,248,704)	(1,288,248)	(304,993)	16,826					
Weather Normalization Adjustment	2,659,128	570,447	1,936,801	-1,742,261	-355,344	-4	0	-224,628	-2,482,942	1,358,868	2,194,654	3,914,720					
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Revenue Adjustment	577,908	123,975	420,925	(378,646)	(77,227)	(1)	0	(48,818)	(539,618)	295,323	476,964	850,786					
Total Adjusted Revenues	8,978,133	6,947,158	4,709,976	3,146,065	1,683,590	679,126	801,298	922,055	763,561	2,380,361	4,041,010	7,209,990	42,262,322				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 40.59	\$ 73.01	\$ 95.49	\$ 109.99	\$ 117.63	\$ 120.69	\$ 124.17	\$ 128.13	\$ 131.60	\$ 142.48	\$ 160.88	\$ 193.72	\$ 193.72				
Under/(Over) Collection	(1,133,871)	(1,662,900)	(1,210,140)	(1,173,243)	(1,230,184)	(1,329,795)	(1,736,621)	(2,176,273)	(1,846,734)	(1,384,027)	(666,778)	(803,464)	\$ (0.00437)	\$ (1.91)	\$ (3.82)	\$ (5.73)	
10%Cap	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)	(3,994,174)		\$ (0.00437)	\$ (1.91)	\$ (3.82)	\$ (5.73)
RDM Recoveries/(Refunds)	(1,133,871)	(1,662,900)	(1,210,140)	(1,173,243)	(1,230,184)	(1,329,795)	(1,736,621)	(2,176,273)	(1,846,734)	(1,384,027)	(666,778)	(803,464)					
Firm Class 1																	
Total Sales	1,680,920	1,575,243	999,813	610,363	331,603	18,219	85,312	142,714	150,802	426,354	839,222	1,337,807	8,198,371				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Total Revenue	324,384	303,990	192,944	117,788	63,993	3,516	16,463	27,541	29,102	82,278	161,953	258,170	1,582,122				
Customers	9,541	9,552	9,542	9,525	9,520	9,493	9,487	9,450	9,423	9,645	9,734	9,780	114,692				
Average Monthly Customers	9,541	9,552	9,542	9,525	9,520	9,493	9,487	9,450	9,423	9,645	9,734	9,780	114,692				
Distribution Revenues per Avg. Monthly Customers	\$ 34.00	\$ 65.82	\$ 86.05	\$ 98.44	\$ 105.19	\$ 105.64	\$ 107.43	\$ 110.43	\$ 113.61	\$ 122.08	\$ 138.82	\$ 165.53	\$ 165.53		429	858	1,287
Forecasted Rev per Avg Monthly Customer	\$ 39.32	\$ 73.14	\$ 98.82	\$ 113.50	\$ 119.93	\$ 121.44	\$ 121.82	\$ 122.58	\$ 126.68	\$ 138.93	\$ 159.64	\$ 192.82	\$ 192.82				
Under/(Over) Collection	48,939	67,220	116,705	135,977	133,309	143,211	130,647	110,419	118,819	153,234	189,275	248,257	\$ 0.02731	\$ 11.71	\$ 23.43	\$ 35.14	
10%Cap	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412		\$ 0.01930	\$ 8.28	\$ 16.55	\$ 24.83
RDM Recoveries/(Refunds)	48,939	67,220	116,705	135,977	133,309	143,211	130,647	110,419	118,819	153,234	189,275	248,257					
Weather Normalization Adjustment	121,564	30,464	109,668	-73,455	-19,473	0	0	0	0	-89,556	74,796	101,080	255,089				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Revenue Adjustment	23,460	5,879	21,164	(14,175)	(3,758)	-	-	-	-	(17,282)	14,434	19,506	49,227				
Total Adjusted Revenues	347,843	309,869	214,108	103,613	60,235	3,516	16,463	27,541	29,102	64,995	176,387	277,676	1,631,349				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 36.46	\$ 68.89	\$ 91.34	\$ 102.25	\$ 108.61	\$ 109.05	\$ 110.85	\$ 113.85	\$ 117.03	\$ 123.69	\$ 141.94	\$ 170.68	\$ 170.68				
Under/(Over) Collection	26,309	39,028	68,360	101,576	102,378	112,303	99,597	79,338	87,728	138,593	160,911	201,408	\$ 0.02216	\$ 9.50	\$ 19.01	\$ 28.51	
10%Cap	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412		\$ 0.01930	\$ 8.28	\$ 16.55	\$ 24.83
RDM Recoveries/(Refunds)	26,309	39,028	68,360	101,576	102,378	112,303	99,597	79,338	87,728	138,593	160,911	201,408					
Firm Class 2																	
Total Sales	20,229,834	16,132,350	11,287,633	8,797,452	4,107,734	1,308,196	1,961,778	3,282,174	1,623,762	6,329,754	11,960,051	15,106,368	102,127,085				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Total Revenue	2,812,756	2,243,042	1,569,433	1,223,198	571,139	181,892	272,766	456,353	225,768	880,089	1,662,925	2,100,389	14,199,750				
Customers	13,715	13,717	13,704	13,693	13,683	13,669	13,664	13,624	13,615	13,465	13,507	13,542	163,598				
Average Monthly Customers	13,715	13,717	13,704	13,693	13,683	13,669	13,664	13,624	13,615	13,465	13,507	13,542	163,598				
Distribution Revenues per Avg. Monthly Customers	\$ 205.09	\$ 368.61	\$ 483.17	\$ 572.59	\$ 614.48	\$ 627.98	\$ 648.13	\$ 681.86	\$ 698.77	\$ 764.29	\$ 886.98	\$ 1,041.57	\$ 1,041.57		3,746	7,491	11,237
Forecasted Rev per Avg Monthly Customer	\$ 161.41	\$ 301.40	\$ 419.18	\$ 489.41	\$ 534.45	\$ 558.76	\$ 578.34	\$ 598.59	\$ 630.63	\$ 695.63	\$ 797.36	\$ 945.65	\$ 945.65				
Under/(Over) Collection	(583,587)	(892,347)	(843,452)	(1,101,386)	(1,055,436)	(910,589)	(916,552)	(1,091,753)	(891,135)	(896,288)	(1,167,211)	(1,247,152)	\$ (0.01410)	\$ (52.82)	\$ (105.65)	\$ (158.47)	
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)		\$ (0.01390)	\$ (52.08)	\$ (104.16)	\$ (156.24)
RDM Recoveries/(Refunds)	(583,587)	(892,347)	(843,452)	(1,101,386)	(1,055,436)	(910,589)	(916,552)	(1,091,753)	(891,135)	(896,288)	(1,167,211)	(1,229,534)					
Weather Normalization Adjustment	1,458,868	304,402	1,113,506	-961,256	-130,276	0	0	0	0	-1,055,707	1,006,145	1,099,568	2,835,251				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Revenue Adjustment	202,841	42,324	154,822	(133,653)	(18,114)	-	-	-	-	(146,785)	139,894	152,884	394,213				
Total Adjusted Revenues	3,015,597	2,285,366	1,724,254	1,089,545	553,026	181,892	272,766	456,353	225,768	733,303	1,802,820	2,253,273	14,593,963				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 219.88	\$ 386.48	\$ 512.34	\$ 632.59	\$ 646.10	\$ 666.26	\$ 700.00	\$ 716.92	\$ 771.72	\$ 904.68	\$ 1,070.49	\$ 1,070.49	\$ 1,070.49				
Under/(Over) Collection	(781,189)	(1,129,607)	(1,227,942)	(1,358,659)	(1,294,270)	(1,148,958)	(1,154,653)	(1,329,587)	(1,128,501)	(993,279)	(1,397,736)	(1,623,170)	\$ (0.01836)	\$ (68.75)	\$ (137.50)	\$ (206.25)	
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)		\$ (0.01390)	\$ (52.08)	\$ (104.16)	\$ (156.24)
RDM Recoveries/(Refunds)	(781,189)	(1,129,607)	(1,227,942)	(1,358,659)	(1,294,270)	(1,148,958)	(1,154,653)	(1,329,587)	(1,128,501)	(993,279)	(1,397,736)	(1,623,170)					

Firm Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	3,129,061	2,560,336	2,387,431	1,225,621	1,323,767	430,473	788,089	785,333	836,966	1,268,368	2,013,189	2,416,144	19,164,779				
Rate (Less CCRC)	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500					
Total Revenue	297,261	243,232	226,806	116,434	125,758	40,895	74,868	74,607	79,512	120,496	191,253	229,534	1,820,654				
Customers	112	113	113	113	114	114	114	115	115	103	101	104	1,331				
Average Monthly Customers	112	113	113	113	114	113	113	114	114	113	112	111	111		86,328	Therms	
Distribution Revenues per Avg. Monthly Customers	\$ 2,654.11	\$ 4,783.12	\$ 6,790.25	\$ 7,820.64	\$ 8,933.54	\$ 9,295.45	\$ 9,958.00	\$ 10,525.09	\$ 11,222.57	\$ 12,388.21	\$ 14,206.43	\$ 16,402.29	\$ 16,402.29			172,656	258,984
Forecasted Rev per Avg Monthly Customer	\$ 2,715.40	\$ 5,105.63	\$ 7,049.55	\$ 8,268.02	\$ 8,992.75	\$ 9,378.32	\$ 9,690.67	\$ 10,013.28	\$ 10,522.61	\$ 11,585.93	\$ 13,249.73	\$ 15,687.30	\$ 15,687.30				
Under/(Over) Collection	1,491	7,740	6,223	10,737	1,421	1,989	(6,416)	(12,283)	(16,799)	(19,255)	(22,961)	(17,160)		\$ (0.00433)	\$ (373.79)	\$ (747.58)	\$ (1,121.37)
10%Cap	37,650	37,650	37,650	37,650	37,650	37,650	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)					
RDM Recoveries/(Refunds)	1,491	7,740	6,223	10,737	1,421	1,989	(6,416)	(12,283)	(16,799)	(19,255)	(22,961)	(17,160)		\$ (0.00433)	\$ (373.79)	\$ (747.58)	\$ (1,121.37)
Firm Class 4	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	362,497	311,432	422,729	111,201	310,188	101,842	201,712	154,236	230,420	212,849	270,419	298,032	2,987,558				
Rate (Less CCRC)	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063					
Total Revenue	7,478	6,425	8,721	2,294	6,399	2,101	4,161	3,182	4,754	4,391	5,579	6,148	61,633				
Customers	2	2	2	2	2	2	2	2	2	2	2	2	24				
Average Monthly Customers	2	2	2	2	2	2	2	2	2	2	2	2	2		746,889	Therms	
Distribution Revenues per Avg. Monthly Customers	\$ 3,739.16	\$ 6,951.58	\$ 11,312.03	\$ 12,459.07	\$ 15,658.66	\$ 16,709.16	\$ 18,789.81	\$ 20,380.76	\$ 22,757.55	\$ 24,953.09	\$ 27,742.46	\$ 30,816.66	\$ 30,816.66			1,493,778.83	2,240,668
Forecasted Rev per Avg Monthly Customer	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24				
Under/(Over) Collection	(15,597)	(27,927)	(44,448)	(24,321)	(51,926)	(42,765)	(49,383)	(47,502)	(50,352)	(46,037)	(56,059)	(61,831)		\$ (0.01560)	\$ (11,652.68)	\$ (23,305.36)	\$ (34,958.04)
10%Cap	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)					
RDM Recoveries/(Refunds)	(15,597)	(27,927)	(44,448)	(24,321)	(46,205)	(42,765)	(46,205)	(46,205)	(46,205)	(46,037)	(46,205)	(46,205)		\$ (0.01166)	\$ (8,707.86)	\$ (17,415.73)	\$ (26,123.59)
Firm Class 5	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	6,403,072	5,501,073	7,466,997	1,964,237	5,479,093	1,798,909	3,562,996	2,724,399	4,070,096	3,759,718	4,776,629	5,264,370	52,771,589				
Rate (Less CCRC)	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533					
Total Revenue	34,128	29,321	39,799	10,469	29,204	9,588	18,991	14,521	21,694	20,039	25,459	28,059	281,273				
Customers	4	4	4	4	4	4	4	4	4	4	4	4	48				
Average Monthly Customers	4	4	4	4	4	4	4	4	4	4	4	4	4		6,596,449	Therms	
Distribution Revenues per Avg. Monthly Customers	\$ 8,532.09	\$ 15,862.27	\$ 25,812.05	\$ 28,429.39	\$ 35,730.28	\$ 38,127.33	\$ 42,875.02	\$ 46,505.28	\$ 51,928.69	\$ 56,938.51	\$ 63,303.37	\$ 70,318.14	\$ 70,318.14			13,192,897	19,789,346
Forecasted Rev per Avg Monthly Customer	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42				
Under/(Over) Collection	(58,388)	(108,825)	(213,142)	(163,790)	(233,431)	(191,695)	(204,655)	(191,090)	(207,237)	(199,535)	(218,635)	(242,808)		\$ (0.06127)	\$ (404,144.89)	\$ (808,289.78)	\$ (1,212,434.67)
10%Cap	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)					
RDM Recoveries/(Refunds)	(58,388)	(108,825)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)		\$ (0.03291)	\$ (217,077.92)	\$ (434,155.84)	\$ (651,233.76)
Agricultural Grain Dryer Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	4,296	6,289	4,283	2,429	351	0	468	2	2,902	9,331	7,242	8,072	45,666				
Rate (Less CCRC)	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000					
Total Revenue	430	629	428	243	35	-	47	0	290	933	724	807	4,567				
Customers	68	71	73	73	73	73	73	73	73	78	76	67	871				
Average Monthly Customers	68	70	71	71	72	72	72	72	72	73	73	73	73		313	Therms	
Distribution Revenues per Avg. Monthly Customers	\$ 6.32	\$ 15.12	\$ 20.94	\$ 24.36	\$ 24.51	\$ 24.51	\$ 25.16	\$ 25.17	\$ 29.20	\$ 41.58	\$ 51.50	\$ 62.56	\$ 62.56			626	938
Forecasted Rev per Avg Monthly Customer	\$ 112.16	\$ 214.21	\$ 308.71	\$ 363.36	\$ 412.60	\$ 443.60	\$ 472.00	\$ 497.00	\$ 528.10	\$ 572.87	\$ 639.15	\$ 735.65	\$ 735.65				
Under/(Over) Collection	3,301	6,172	8,921	10,509	12,031	12,992	13,852	14,627	15,466	16,470	18,217	20,866		\$ 0.09150	\$ 28.62	\$ 57.24	\$ 85.85
10%Cap	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281					
RDM Recoveries/(Refunds)	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281		\$ 0.01000	\$ 3.13	\$ 6.26	\$ 9.38
Agricultural Grain Dryer Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total				
Total Sales	1,454,431	543,812	461,616	318,501	125,371	143,869	59,817	90,027	319,856	727,311	719,504	801,568	5,765,684				
Rate (Less CCRC)	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197					
Total Revenue	75,587	28,262	23,990	16,553	6,516	7,477	3,109	4,679	16,623	37,798	37,393	41,658	299,643				
Customers	89	90	94	93	93	93	93	93	94	95	97	96	1,120				
Average Monthly Customers	89	90	91	92	92	92	92	92	92	93	93	93	93		30,998	Therms	
Distribution Revenues per Avg. Monthly Customers	\$ 849.29	\$ 1,153.87	\$ 1,404.82	\$ 1,669.47	\$ 1,640.29	\$ 1,721.56	\$ 1,755.35	\$ 1,806.21	\$ 1,986.89	\$ 2,371.96	\$ 2,774.03	\$ 3,221.96	\$ 3,221.96			61,997	92,995
Forecasted Rev per Avg Monthly Customer	\$ 343.58	\$ 657.57	\$ 943.67	\$ 1,149.93	\$ 1,322.42	\$ 1,462.97	\$ 1,599.37	\$ 1,730.54	\$ 1,880.61	\$ 2,085.75	\$ 2,317.06	\$ 2,630.32	\$ 2,630.32				
Under/(Over) Collection	(20,387)	(19,852)	(18,446)	(16,782)	(12,715)	(10,344)	(6,239)	(3,027)	(4,251)	(11,448)	(18,279)	(23,666)		\$ (0.01169)	\$ (362.36)	\$ (724.72)	\$ (1,087.08)
10%Cap	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)					
RDM Recoveries/(Refunds)	(10,521)	(10,521)	(10,521)	(10,521)	(10,521)	(10,344)	(6,239)	(3,027)	(4,251)	(10,521)	(10,521)	(10,521)		\$ (0.00520)	\$ (161.10)	\$ (322.20)	\$ (483.29)

Agricultural Grain Dryer Class 3

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales													0
Rate (Less CCRC)	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	
Total Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-

Customers

Average Monthly Customers	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Thems	#DIV/0!	#DIV/0!
Distribution Revenues per Avg. Monthly Customers	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Forecasted Rev per Avg Monthly Customer	\$ 5,156.40	\$ 9,523.72	\$ 13,504.91	\$ 17,398.67	\$ 20,312.70	\$ 23,362.17	\$ 26,441.77	\$ 29,589.52	\$ 33,023.91	\$ 37,619.62	\$ 41,656.12	\$ 46,630.72	\$ 46,630.72						
Under/(Over) Collection	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
10%Cap	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RDM Recoveries/(Refunds)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)

Power Generation Class 1

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	29,974	11,207	9,513	6,564	2,584	2,965	1,233	1,855	6,592	14,989	14,828	16,520	118,825
Rate (Less CCRC)	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000
Total Revenue	2,098	785	666	459	181	208	86	130	461	1,049	1,038	1,156	8,318

Customers

Average Monthly Customers	10	10	10	10	10	10	10	10	11	11	11	11	124
Distribution Revenues per Avg. Monthly Customers	\$ 209.82	\$ 288.27	\$ 354.87	\$ 400.81	\$ 418.90	\$ 439.66	\$ 448.29	\$ 461.27	\$ 507.42	\$ 612.34	\$ 716.14	\$ 831.78	\$ 831.78
Forecasted Rev per Avg Monthly Customer	\$ 176.02	\$ 333.64	\$ 473.12	\$ 609.53	\$ 711.61	\$ 818.44	\$ 926.33	\$ 1,036.61	\$ 1,156.92	\$ 1,317.92	\$ 1,459.34	\$ 1,633.61	\$ 1,633.61
Under/(Over) Collection	(237)	318	828	1,461	2,049	2,651	3,346	4,027	4,547	4,939	5,202	5,613	\$ 0.03436
10%Cap	(1,144)	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	\$ 204.13
RDM Recoveries/(Refunds)	(237)	318	828	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	\$ 408.26
													\$ 612.39
													\$ 0.00700
													\$ 41.59
													\$ 83.18
													\$ 124.77

Thems
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Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)

Power Generation Class 2

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	7,744,181	6,653,260	9,030,942	2,375,641	6,626,677	2,175,687	4,309,257	3,295,019	4,922,568	4,547,183	5,777,082	6,366,980	63,824,478
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Total Revenue	34,694	29,807	40,459	10,643	29,688	9,747	19,305	14,762	22,053	20,371	25,881	28,524	285,934

Customers

Average Monthly Customers	3	3	3	3	3	3	3	3	3	3	3	3	36
Distribution Revenues per Avg. Monthly Customers	\$ 11,564.64	\$ 21,500.18	\$ 34,986.39	\$ 38,534.01	\$ 48,429.85	\$ 51,678.87	\$ 58,114.03	\$ 63,034.59	\$ 70,385.63	\$ 77,176.09	\$ 85,803.20	\$ 95,311.22	\$ 95,311.22
Forecasted Rev per Avg Monthly Customer	\$ 3,660.62	\$ 9,696.42	\$ 15,869.12	\$ 23,599.99	\$ 32,897.30	\$ 38,380.01	\$ 48,150.16	\$ 58,010.13	\$ 72,719.79	\$ 79,124.16	\$ 85,416.96	\$ 90,105.61	\$ 90,105.61
Under/(Over) Collection	(15,808)	(23,608)	(38,235)	(29,868)	(31,065)	(26,598)	(19,528)	(10,049)	4,668	3,896	(772)	(10,411)	\$ (0.00026)
10%Cap	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	18,021	18,021	(18,021)	(18,021)	\$ (2,753.18)
RDM Recoveries/(Refunds)	(15,808)	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	(18,021)	(10,049)	4,668	3,896	(772)	(10,411)	\$ (5,506.35)
													\$ (8,259.53)
													\$ (0.00026)
													\$ (2,753.18)
													\$ (5,506.35)
													\$ (8,259.53)

Thems
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Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)

Interruptible Class 2

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	312,396	328,869	347,390	121,689	189,921	58,699	129,099	90,425	202,566	341,892	327,012	362,496	2,812,455
Rate (Less CCRC)	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500
Total Revenue	23,430	24,665	26,054	9,127	14,244	4,402	9,682	6,782	15,192	25,642	24,526	27,187	210,934

Customers

Average Monthly Customers	276	275	273	272	273	273	272	269	268	265	255	259	3,230
Distribution Revenues per Avg. Monthly Customers	\$ 84.89	\$ 174.26	\$ 269.63	\$ 303.93	\$ 355.91	\$ 371.98	\$ 408.81	\$ 433.65	\$ 491.10	\$ 585.37	\$ 680.54	\$ 784.14	\$ 784.14
Forecasted Rev per Avg Monthly Customer	\$ 514.81	\$ 979.04	\$ 1,417.86	\$ 1,657.64	\$ 1,887.18	\$ 2,044.32	\$ 2,168.15	\$ 2,266.79	\$ 2,399.70	\$ 2,580.93	\$ 2,886.01	\$ 3,329.63	\$ 3,329.63
Under/(Over) Collection	161,220	301,793	430,586	506,288	571,164	615,421	645,678	672,762	698,548	730,375	804,997	929,104	\$ 0.05734
10%Cap	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	\$ 299.74
RDM Recoveries/(Refunds)	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	121,532	\$ 599.47
													\$ 899.21
													\$ 0.00750
													\$ 39.21
													\$ 78.41
													\$ 117.62

Thems
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Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)

Interruptible Class 3

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	7,247,560	4,286,773	5,058,630	1,872,383	3,125,464	1,308,468	1,972,781	1,630,197	2,944,915	3,907,342	4,402,007	4,875,123	42,631,643
Rate (Less CCRC)	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500
Total Revenue	471,091	278,640	328,811	121,705	203,155	85,050	128,231	105,963	191,419	253,977	286,130	316,883	2,771,057

Customers

Average Monthly Customers	136	134	133	134	134	134	134	133	133	135	132	134	1,606
Distribution Revenues per Avg. Monthly Customers	\$ 3,463.91	\$ 5,553.57	\$ 8,048.83	\$ 8,957.07	\$ 10,473.15	\$ 11,107.86	\$ 12,064.80	\$ 12,855.57	\$ 14,284.08	\$ 16,179.43	\$ 18,314.73	\$ 20,679.53	\$ 20,679.53
Forecasted Rev per Avg Monthly Customer	\$ 3,349.81	\$ 6,388.37	\$ 9,164.08	\$ 11,515.15	\$ 13,354.81	\$ 15,011.20	\$ 16,640.38	\$ 18,474.50	\$ 20,271.92	\$ 22,845.85	\$ 25,329.96	\$ 28,514.63	\$ 28,514.63
Under/(Over) Collection	(18,811)	136,907	181,786	416,967	469,711	640,148	754,971	921,505	987,994	1,099,959	1,157,513	1,292,792	\$ 0.01786
10%Cap	(470,491)	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	470,491	\$ 2,841.11
RDM Recoveries/(Refunds)	(18,811)	136,907	181,786	416,967	469,711	640,148	754,971	921,505	987,994	1,099,959	1,157,513	1,292,792	\$ 5,682.21
													\$ 8,523.32
													\$ 0.00650
													\$ 1,033.98
													\$ 2,067.95
													\$ 3,101.93

Thems
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Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)
Annual Revenue Surcharge/(Credit)

Interruptible Class 4

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	2,572,186	1,675,517	2,064,925	692,397	1,353,658	522,198	863,832	694,050	1,177,211	1,414,399	1,642,107	1,816,291	16,488,770
Rate (Less CCRC)	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870
Total Revenue	48,100	31,332	38,614	12,948	25,313	9,765	16,154	12,979	22,014	26,449	30,707	33,965	308,340
Customers	14	14	14	13	13	13	13	13	13	12	11	12	155
Average Monthly Customers	14	14	14	14	14	14	13	13	13	13	13	13	13
Distribution Revenues per Avg. Monthly Customers	\$ 3,435.71	\$ 5,673.72	\$ 8,431.87	\$ 9,356.71	\$ 11,164.81	\$ 11,862.32	\$ 14,017.39	\$ 15,015.76	\$ 16,709.13	\$ 18,743.69	\$ 21,105.80	\$ 23,718.46	\$ 23,718.46
Forecasted Rev per Avg Monthly Customer	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24
Under/(Over) Collection	(10,464)	(6,204)	4,515	28,419	24,469	39,631	31,748	43,703	52,471	59,522	56,764	58,839	\$ 0.00238 \$ 1,510.17 \$ 3,020.35 \$ 4,530.52
10%Cap	(46,205)	(46,205)	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	
RDM Recoveries/(Refunds)	(10,464)	(6,204)	4,515	28,419	24,469	39,631	31,748	43,703	46,205	46,205	46,205	46,205	\$ 0.00187 \$ 1,185.92 \$ 2,371.85 \$ 3,557.77

Therms 634,183 1,268,367 1,902,550

Annual Revenue Surcharge/(Credit)

Interruptible Class 5

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	36,947,414	31,742,642	43,086,539	11,334,163	31,615,811	10,380,181	20,559,425	15,720,503	23,485,527	21,694,566	27,562,405	30,376,800	304,505,977
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Total Revenue	165,524	142,207	193,028	50,777	141,639	46,503	92,106	70,428	105,215	97,192	123,480	136,088	1,364,187
Customers	18	18	18	18	18	18	18	18	17	17	17	17	212
Average Monthly Customers	18	18	18	18	18	18	18	18	18	18	18	18	18
Distribution Revenues per Avg. Monthly Customers	\$ 9,195.80	\$ 17,096.19	\$ 27,819.95	\$ 30,640.90	\$ 38,509.72	\$ 41,093.24	\$ 46,210.25	\$ 50,122.91	\$ 55,968.19	\$ 61,367.73	\$ 68,227.71	\$ 75,788.15	\$ 75,788.15
Forecasted Rev per Avg Monthly Customer	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42
Under/(Over) Collection	(72,326)	(135,971)	(257,315)	(212,443)	(294,578)	(256,945)	(278,031)	(270,678)	(296,106)	(296,978)	(326,971)	(363,148)	\$ (0.00125) \$ (10,551.49) \$ (21,102.98) \$ (31,654.47)
10%Cap	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	
RDM Recoveries/(Refunds)	(72,326)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	\$ (0.00045) \$ (3,789.41) \$ (7,578.82) \$ (11,368.22)

Therms 8,458,499 16,916,999 25,375,498

Annual Revenue Surcharge/(Credit)

2021 ACTUAL DISTRIBUTION REVENUES LESS CCRC

Residential	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
	32,230,950	36,388,830	18,669,010	15,521,020	6,402,110	3,124,080	3,060,160	2,871,600	3,405,330	7,513,010	16,278,350	31,769,760	177,234,210				
Total Sales	32,230,950	36,388,830	18,669,010	15,521,020	6,402,110	3,124,080	3,060,160	2,871,600	3,405,330	7,513,010	16,278,350	31,769,760	177,234,210				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Total Revenue	7,004,752	7,908,384	4,057,336	3,373,183	1,391,371	678,956	665,065	624,085	740,080	1,632,802	3,537,774	6,904,522	38,518,311				
Customers	219,864	220,111	220,215	220,205	220,423	220,441	220,536	220,693	220,389	220,719	221,515	222,019	2,647,220			Therms	
Average Monthly Customers	219,864	219,988	220,063	220,121	220,182	220,225	220,269	220,322	220,330	220,369	220,473	220,602	220,602		402	803	1,205
Distribution Revenues per Avg. Monthly Customers	\$ 31.86	\$ 67.79	\$ 86.20	\$ 101.51	\$ 107.80	\$ 110.86	\$ 113.86	\$ 116.66	\$ 120.02	\$ 127.40	\$ 143.39	\$ 174.61	\$ 174.61				
Forecasted Rev per Avg Monthly Customer	\$ 35.29	\$ 65.19	\$ 89.77	\$ 104.42	\$ 117.79	\$ 114.38	\$ 115.93	\$ 117.80	\$ 122.83	\$ 136.00	\$ 157.71	\$ 189.90	\$ 189.90				
Under/(Over) Collection	733,807	(552,882)	755,280	612,951	840,486	741,819	436,263	240,170	591,713	1,810,283	3,012,069	3,215,961		\$ 0.01750	\$ 7.03	\$ 14.06	\$ 21.09
10%Cap	3,994,174	(3,994,174)	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174		\$ 0.01750	\$ 7.03	\$ 14.06	\$ 21.09
RDM Recoveries/(Refunds)	733,807	(552,882)	755,280	612,951	840,486	741,819	436,263	240,170	591,713	1,810,283	3,012,069	3,215,961					
Weather Normalization Adjustment	3,650,821	-4,606,294	3,141,170	212,234	-63,195	624,810	2	-1	287,857	1,802,668	391,530	1,456,401	6,898,003				
Rate (Less CCRC)	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733	0.21733				
Revenue Adjustment	793,433	(1,001,086)	682,670	46,125	(13,734)	135,790	0	(0)	62,560	391,774	85,091	316,520	1,499,143				
Total Adjusted Revenues	7,798,185	6,907,298	4,740,006	3,419,308	1,377,636	814,746	665,065	624,085	802,640	2,024,576	3,622,865	7,221,042	40,017,454				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 35.47	\$ 66.85	\$ 88.36	\$ 103.87	\$ 110.10	\$ 113.78	\$ 116.78	\$ 119.58	\$ 123.22	\$ 132.38	\$ 148.75	\$ 181.40	\$ 181.40				
Under/(Over) Collection	(38,509)	(352,994)	298,304	115,850	355,995	126,446	(179,142)	(375,002)	(82,124)	762,003	1,884,646	1,787,814		\$ 0.00973	\$ 3.91	\$ 7.82	\$ 11.72
10%Cap	(3,994,174)	(3,994,174)	3,994,174	3,994,174	3,994,174	3,994,174	3,994,174	(3,994,174)	(3,994,174)	3,994,174	3,994,174	3,994,174		\$ 0.00973	\$ 3.91	\$ 7.82	\$ 11.72
RDM Recoveries/(Refunds)	(38,509)	(352,994)	298,304	115,850	355,995	126,446	(179,142)	(375,002)	(82,124)	762,003	1,884,646	1,787,814					

Firm Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Total Sales	1,480,563	1,862,288	920,777	576,322	248,060	42,224	110,301	173,677	51,271	295,403	745,586	1,246,335	7,752,606				
Total Sales	1,480,563	1,862,288	920,777	576,322	248,060	42,224	110,301	173,677	51,271	295,403	745,586	1,246,335	7,752,606				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Total Revenue	285,719	359,384	177,692	111,219	47,871	8,148	21,286	33,516	9,894	57,007	143,883	240,518	1,496,136				
Customers	9,805	9,840	9,839	9,837	9,808	9,783	9,758	9,756	9,749	9,762	10,090	10,147	118,174			Therms	
Average Monthly Customers	9,805	9,823	9,828	9,830	9,826	9,819	9,810	9,803	9,797	9,794	9,821	9,848	9,848		394	787	1,181
Distribution Revenues per Avg. Monthly Customers	\$ 29.14	\$ 65.67	\$ 83.72	\$ 95.02	\$ 99.93	\$ 100.83	\$ 103.09	\$ 106.58	\$ 107.66	\$ 113.51	\$ 127.85	\$ 151.92	\$ 151.92				
Forecasted Rev per Avg Monthly Customer	\$ 39.32	\$ 73.14	\$ 98.82	\$ 113.50	\$ 119.93	\$ 121.44	\$ 121.82	\$ 122.58	\$ 126.68	\$ 138.93	\$ 159.64	\$ 192.82	\$ 192.82				
Under/(Over) Collection	93,646	68,597	137,999	166,856	180,880	186,809	170,050	145,408	172,911	231,169	289,003	372,067		\$ 0.04093	\$ 16.11	\$ 32.22	\$ 48.34
10%Cap	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412		\$ 0.01930	\$ 7.60	\$ 15.19	\$ 22.79
RDM Recoveries/(Refunds)	93,646	68,597	137,999	166,856	180,880	186,809	170,050	145,408	172,911	231,169	289,003	372,067					
Weather Normalization Adjustment	165,024	-299,885	61,042	8,883	-3,160	36,458	0	0	55,249	100,851	21,747	68,304	214,515				
Rate (Less CCRC)	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298	0.19298				
Revenue Adjustment	31,846	(57,872)	11,780	1,714	(610)	7,036	-	-	10,662	19,462	4,197	13,181	41,397				
Total Adjusted Revenues	317,565	301,513	189,471	112,933	47,261	15,184	21,286	33,516	20,556	76,469	148,080	253,699	1,537,534				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 32.39	\$ 63.02	\$ 82.27	\$ 93.74	\$ 98.59	\$ 100.21	\$ 102.47	\$ 105.96	\$ 108.12	\$ 115.96	\$ 130.72	\$ 156.13	\$ 156.13				
Under/(Over) Collection	63,749	92,932	151,250	178,413	192,999	192,429	175,679	151,043	168,729	208,889	262,912	333,769		\$ 0.03672	\$ 14.45	\$ 28.91	\$ 43.36
10%Cap	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412	175,412		\$ 0.01930	\$ 7.60	\$ 15.19	\$ 22.79
RDM Recoveries/(Refunds)	63,749	92,932	151,250	178,413	192,999	192,429	175,679	151,043	168,729	208,889	262,912	333,769					

Firm Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total	Surcharge Rate	Low Customer Usage	Average Customer Usage	High Customer Usage
Total Sales	15,248,192	21,004,531	7,863,152	7,232,951	3,557,544	2,115,330	2,856,777	2,485,465	3,336,784	4,903,343	9,365,372	15,708,660	95,678,101				
Total Sales	15,248,192	21,004,531	7,863,152	7,232,951	3,557,544	2,115,330	2,856,777	2,485,465	3,336,784	4,903,343	9,365,372	15,708,660	95,678,101				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Total Revenue	2,120,109	2,920,470	1,093,293	1,005,669	494,641	294,116	397,206	345,579	463,946	681,761	1,302,161	2,184,132	13,303,083				
Customers	13,551	13,560	13,554	13,543	13,525	13,510	13,478	13,474	13,469	13,491	13,325	13,362	161,842			Therms	
Average Monthly Customers	13,551	13,556	13,555	13,552	13,547	13,541	13,532	13,524	13,518	13,516	13,498	13,487	13,487		3,547	7,094	10,641
Distribution Revenues per Avg. Monthly Customers	\$ 156.45	\$ 371.83	\$ 452.52	\$ 526.83	\$ 563.53	\$ 585.50	\$ 615.25	\$ 641.16	\$ 675.77	\$ 726.31	\$ 823.75	\$ 986.36	\$ 986.36				
Forecasted Rev per Avg Monthly Customer	\$ 161.41	\$ 301.40	\$ 419.18	\$ 489.41	\$ 534.45	\$ 558.76	\$ 578.34	\$ 598.59	\$ 630.63	\$ 695.63	\$ 797.36	\$ 945.65	\$ 945.65				
Under/(Over) Collection	66,268	(935,099)	(439,455)	(495,478)	(383,507)	(351,765)	(484,739)	(558,135)	(590,341)	(400,497)	(343,703)	(529,311)		\$ (0.00599)	\$ (21.23)	\$ (42.46)	\$ (63.69)
10%Cap	1,229,534	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)	(1,229,534)					
RDM Recoveries/(Refunds)	66,268	(935,099)	(439,455)	(495,478)	(383,507)	(351,765)	(484,739)	(558,135)	(590,341)	(400,497)	(343,703)	(529,311)					
Weather Normalization Adjustment	1,835,269	-3,335,087	678,856	98,794	-35,142	405,462	0	0	614,440	1,121,589	241,857	759,629	2,385,666				
Rate (Less CCRC)	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904	0.13904				
Revenue Adjustment	255,176	(463,710)	94,388	13,736	(4,886)	56,375	-	-	85,432	155,946	33,628	105,619	331,703				
Total Adjusted Revenues	2,375,284	2,456,760	1,187,681	1,019,406	489,755	350,491	397,206	345,579	549,378	837,707	1,335,789	2,289,751	13,634,786				
Distribution Revs per Avg. Monthly Customer Adjusted	\$ 175.28	\$ 356.45	\$ 444.10	\$ 519.42	\$ 555.76	\$ 581.89	\$ 611.63	\$ 637.55	\$ 678.47	\$ 740.55	\$ 840.50	\$ 1,010.96	\$ 1,010.96				
Under/(Over) Collection	(185,310)	(730,899)	(328,471)	(397,362)	(281,036)	(304,275)	(437,198)	(510,805)	(625,652)	(586,386)	(561,855)	(849,161)		\$ (0.00960)	\$ (34.06)	\$ (68.12)	\$ (102.18)
10%Cap	(1,229,534)	(1,229,534)	(1,229,534)														

Firm Class 3	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	2,567,223	2,928,988	1,699,196	1,529,749	1,195,461	642,964	1,291,851	911,379	1,196,094	1,123,694	1,961,217	2,490,600	19,538,416					
Rate (Less CCRC)	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500	0.09500						
Total Revenue	243,886	278,254	161,424	145,326	113,569	61,082	122,726	86,581	113,629	106,751	186,316	236,607	1,856,149					
Customers	105	106	107	106	106	106	107	107	110	111	102	102	1,275					
Average Monthly Customers	105	106	106	106	106	106	106	106	107	107	107	106	106		92,162	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 2,322.73	\$ 4,925.85	\$ 6,448.71	\$ 7,819.72	\$ 8,891.12	\$ 9,467.36	\$ 10,625.15	\$ 11,441.95	\$ 12,396.97	\$ 13,394.64	\$ 15,135.91	\$ 17,510.84	\$ 17,510.84			184,325	276,487	
Forecasted Rev per Avg Monthly Customer	\$ 2,715.40	\$ 5,105.63	\$ 7,049.55	\$ 8,268.02	\$ 8,992.75	\$ 9,378.32	\$ 9,690.67	\$ 10,013.28	\$ 10,522.61	\$ 11,585.93	\$ 13,249.73	\$ 15,687.30	\$ 15,687.30					
Under/(Over) Collection	9,549	4,315	14,420	10,759	2,439	(2,137)	(22,428)	(34,288)	(44,985)	(43,409)	(45,268)	(43,765)		\$ (0.01104)	\$	Annual Revenue Surcharge/(Credit)	(3,053.27)	
10%Cap	37,650	37,650	37,650	37,650	37,650	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)	(37,650)						
RDM Recoveries/(Refunds)	9,549	4,315	14,420	10,759	2,439	(2,137)	(22,428)	(34,288)	(37,650)	(37,650)	(37,650)	(37,650)		\$ (0.00950)	\$	(875.54)	(1,751.08)	(2,626.63)

Firm Class 4	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	311,176	247,687	272,291	240,558	250,318	128,622	299,886	197,579	257,075	188,895	305,660	274,647	2,974,396					
Rate (Less CCRC)	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063	0.02063						
Total Revenue	6,420	5,110	5,617	4,963	5,164	2,653	6,187	4,076	5,303	3,897	6,306	5,666	61,362					
Customers	2	2	2	2	2	2	2	2	2	2	2	2	24					
Average Monthly Customers	2	2	2	2	2	2	2	2	2	2	2	2	2		743,599	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 3,209.78	\$ 5,764.67	\$ 8,573.36	\$ 11,054.72	\$ 13,636.75	\$ 14,963.49	\$ 18,056.82	\$ 20,094.84	\$ 22,746.58	\$ 24,695.02	\$ 27,847.91	\$ 30,680.89	\$ 30,680.89			1,487,197.77	2,230,797	
Forecasted Rev per Avg Monthly Customer	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24					
Under/(Over) Collection	(6,643)	(7,750)	2,109	(447)	(17,554)	(13,088)	(36,922)	(42,642)	(50,166)	(41,650)	(57,852)	(59,523)		\$ (0.01502)	\$	Annual Revenue Surcharge/(Credit)	(33,504.83)	
10%Cap	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)	(46,205)						
RDM Recoveries/(Refunds)	(6,643)	(7,750)	2,109	(447)	(17,554)	(13,088)	(36,922)	(42,642)	(46,205)	(41,650)	(46,205)	(46,205)		\$ (0.01166)	\$	(8,669.50)	(17,339.00)	(26,008.50)

Firm Class 5	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	5,550,144	4,417,756	4,856,599	4,290,606	4,464,687	2,294,105	5,348,779	3,524,027	4,585,203	3,369,129	5,451,762	4,898,610	53,051,407					
Rate (Less CCRC)	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533	0.00533						
Total Revenue	29,582	23,547	25,886	22,869	23,797	12,228	28,509	18,783	24,439	17,957	29,058	26,110	282,764					
Customers	4	4	4	4	4	4	4	4	4	4	3	3	46					
Average Monthly Customers	4	4	4	4	4	4	4	4	4	4	4	4	4		6,631,426	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 7,395.57	\$ 13,282.23	\$ 19,753.64	\$ 25,470.88	\$ 31,420.07	\$ 34,476.97	\$ 41,604.22	\$ 46,299.98	\$ 52,409.76	\$ 56,899.13	\$ 64,163.60	\$ 70,691.00	\$ 70,691.00			13,262,852	19,894,277	
Forecasted Rev per Avg Monthly Customer	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42					
Under/(Over) Collection	(34,521)	(52,064)	(79,856)	(98,703)	(138,606)	(111,388)	(176,698)	(186,573)	(217,820)	(198,869)	(237,560)	(251,011)		\$ (0.06334)	\$	Annual Revenue Surcharge/(Credit)	(1,260,041.10)	
10%Cap	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)						
RDM Recoveries/(Refunds)	(34,521)	(52,064)	(79,856)	(98,703)	(130,419)	(111,388)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)		\$ (0.03291)	\$	(218,228.96)	(436,457.92)	(654,686.88)

Agricultural Grain Dryer Class 1	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	15,081	18,324	11,327	8,029	7,638	4,824	3,958	4,014	5,257	9,194	15,101	16,390	119,136					
Rate (Less CCRC)	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000						
Total Revenue	1,508	1,832	1,133	803	764	482	396	401	526	919	1,510	1,639	11,914					
Customers	67	65	66	66	66	65	65	65	67	79	95	91	857					
Average Monthly Customers	67	66	66	66	66	66	66	66	66	67	70	71	71		839	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 22.51	\$ 50.61	\$ 67.78	\$ 79.94	\$ 91.51	\$ 98.82	\$ 104.82	\$ 110.90	\$ 118.86	\$ 130.81	\$ 146.78	\$ 167.80	\$ 167.80			1,678	2,517	
Forecasted Rev per Avg Monthly Customer	\$ 112.16	\$ 214.21	\$ 308.71	\$ 363.36	\$ 412.60	\$ 443.60	\$ 472.00	\$ 497.00	\$ 528.10	\$ 572.87	\$ 639.15	\$ 735.65	\$ 735.65					
Under/(Over) Collection	2,796	5,072	7,469	8,786	9,954	10,688	11,383	11,969	12,686	13,704	15,263	17,603		\$ 0.07719	\$	Annual Revenue Surcharge/(Credit)	194.28	
10%Cap	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281						
RDM Recoveries/(Refunds)	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281	2,281		\$ 0.01000	\$	8.39	16.78	25.17

Agricultural Grain Dryer Class 2	January	February	March	April	May	June	July	August	September	October	November	December	Total					
Total Sales	568,771	626,104	410,265	266,841	216,291	116,578	115,300	89,971	148,216	483,960	632,925	637,482	4,312,705					
Rate (Less CCRC)	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197	0.05197						
Total Revenue	29,559	32,539	21,321	13,868	11,241	6,059	5,992	4,676	7,703	25,151	32,893	33,130	224,131					
Customers	97	97	96	97	97	97	97	96	99	96	76	74	1,119					
Average Monthly Customers	97	97	97	97	97	97	97	97	97	97	95	93	93		23,187	Therms		
Distribution Revenues per Avg. Monthly Customers	\$ 304.73	\$ 640.18	\$ 859.99	\$ 1,002.96	\$ 1,184.84	\$ 1,181.30	\$ 1,243.07	\$ 1,291.28	\$ 1,370.69	\$ 1,629.98	\$ 2,010.54	\$ 2,410.01	\$ 2,410.01			46,373	69,560	
Forecasted Rev per Avg Monthly Customer	\$ 343.58	\$ 657.57	\$ 943.67	\$ 1,149.93	\$ 1,322.42	\$ 1,462.97	\$ 1,599.37	\$ 1,730.54	\$ 1,880.61	\$ 2,085.75	\$ 2,317.06	\$ 2,630.32	\$ 2,630.32					
Under/(Over) Collection	1,566	696	3,347	5,879	8,143	11,267	14,252	17,570	20,397	18,231	12,261	8,812		\$ 0.00435	\$	Annual Revenue Surcharge/(Credit)	302.79	
10%Cap	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521	10,521						
RDM Recoveries/(Refunds)	1,566	696	3,347	5,879	8,143	10,521	10,521	10,521	10,521	10,521	10,521	8,812		\$ 0.00435	\$	100.93	201.86	302.79

Agricultural Grain Dryer Class 3

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales													0
Rate (Less CCRC)	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	0.02907	
Total Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-

Customers	Thems		
Average Monthly Customers		#DIV/0!	#DIV/0!
Distribution Revenues per Avg. Monthly Customers		#DIV/0!	#DIV/0!
Forecasted Rev per Avg Monthly Customer		\$ 5,156.40	\$ 46,630.72
Under/(Over) Collection		#DIV/0!	#DIV/0!
10%Cap		#DIV/0!	#DIV/0!
RDM Recoveries/(Refunds)		#DIV/0!	#DIV/0!
			Annual Revenue Surcharge(Credit)
			#DIV/0!
			#DIV/0!
			#DIV/0!

Power Generation Class 1

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	23,429	25,791	16,900	10,992	8,910	4,802	4,749	3,706	6,105	19,936	26,072	26,260	177,651
Rate (Less CCRC)	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	
Total Revenue	1,640	1,805	1,183	769	624	336	332	259	427	1,395	1,825	1,838	12,436

Customers	Thems		
Average Monthly Customers		11	10
Distribution Revenues per Avg. Monthly Customers		\$ 149.09	\$ 1,243.56
Forecasted Rev per Avg Monthly Customer		\$ 176.02	\$ 1,633.61
Under/(Over) Collection		189	2,730
10%Cap		1,144	1,144
RDM Recoveries/(Refunds)		189	1,144
			Annual Revenue Surcharge(Credit)
		\$ 0.01671	\$ 445.38
		\$ 0.00700	\$ 186.53

Power Generation Class 2

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	7,360,156	5,858,473	6,440,432	5,689,857	5,920,710	3,042,258	7,093,122	4,673,282	6,080,529	4,467,869	7,229,690	6,496,143	70,352,523
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	
Total Revenue	32,973	26,246	28,853	25,491	26,525	13,629	31,777	20,936	27,241	20,016	32,389	29,103	315,179

Customers	Thems		
Average Monthly Customers		3	3
Distribution Revenues per Avg. Monthly Customers		\$ 10,991.17	\$ 105,059.77
Forecasted Rev per Avg Monthly Customer		\$ 3,660.62	\$ 90,105.61
Under/(Over) Collection		(14,661)	(29,908)
10%Cap		(18,021)	(18,021)
RDM Recoveries/(Refunds)		(14,661)	(18,021)
			Annual Revenue Surcharge(Credit)
		\$ (0.00074)	\$ (26,153.99)
		\$ (0.00045)	\$ (15,758.97)

Interruptible Class 2

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	377,528	374,227	308,543	249,507	251,269	139,094	240,451	174,828	227,875	229,628	374,191	369,138	3,316,279
Rate (Less CCRC)	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	0.07500	
Total Revenue	28,315	28,067	23,141	18,713	18,845	10,432	18,034	13,112	17,091	17,222	28,064	27,685	248,721

Customers	Thems		
Average Monthly Customers		260	248
Distribution Revenues per Avg. Monthly Customers		\$ 108.90	\$ 979.22
Forecasted Rev per Avg Monthly Customer		\$ 514.81	\$ 3,329.63
Under/(Over) Collection		152,216	857,900
10%Cap		121,532	121,532
RDM Recoveries/(Refunds)		121,532	121,532
			Annual Revenue Surcharge(Credit)
		\$ 0.05294	\$ 1,036.85
		\$ 0.00750	\$ 146.88

Interruptible Class 3

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	4,819,218	4,488,591	3,887,894	3,074,896	2,968,620	1,545,854	3,015,089	2,039,204	2,770,526	3,447,512	5,013,230	4,763,458	41,834,093
Rate (Less CCRC)	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	0.06500	
Total Revenue	313,249	291,758	252,713	199,868	192,960	100,481	195,981	132,548	180,084	224,088	325,860	309,625	2,719,216

Customers	Thems		
Average Monthly Customers		133	131
Distribution Revenues per Avg. Monthly Customers		\$ 2,355.26	\$ 20,757.37
Forecasted Rev per Avg Monthly Customer		\$ 3,349.81	\$ 28,514.63
Under/(Over) Collection		163,968	1,279,948
10%Cap		470,491	470,491
RDM Recoveries/(Refunds)		163,968	470,491
			Annual Revenue Surcharge(Credit)
		\$ 0.01768	\$ 8,470.41
		\$ 0.00650	\$ 3,113.61

Interruptible Class 4													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	1,802,481	1,564,078	1,512,011	1,264,466	1,269,977	656,615	1,414,153	942,160	1,249,112	1,197,647	1,825,916	1,691,966	16,390,583
Rate (Less CCRC)	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870	0.01870
Total Revenue	33,706	29,248	28,275	23,646	23,749	12,279	26,445	17,618	23,358	22,396	34,145	31,640	306,504
Customers	12	12	12	12	12	12	12	12	12	12	12	12	144
Average Monthly Customers	12	12	12	12	12	12	12	12	12	12	12	12	12
Distribution Revenues per Avg. Monthly Customers	\$ 2,808.87	\$ 5,246.22	\$ 7,602.44	\$ 9,572.90	\$ 11,551.95	\$ 12,575.17	\$ 14,778.89	\$ 16,247.09	\$ 18,193.62	\$ 20,059.96	\$ 22,905.35	\$ 25,541.99	\$ 25,541.99
Forecasted Rev per Avg Monthly Customer	\$ 2,817.09	\$ 5,308.80	\$ 8,697.43	\$ 11,028.41	\$ 12,604.17	\$ 14,193.58	\$ 15,884.94	\$ 17,586.51	\$ 19,795.66	\$ 22,245.01	\$ 24,444.85	\$ 27,179.55	\$ 27,052.24
Under/(Over) Collection	139	1,064	18,615	24,744	17,888	27,513	18,803	22,770	27,235	37,146	26,172	27,839	\$ 0.00113 \$ 769.45
10%Cap	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	46,205	\$ 1,538.90
RDM Recoveries/(Refunds)	139	1,064	18,615	24,744	17,888	27,513	18,803	22,770	27,235	37,146	26,172	27,839	\$ 0.00113 \$ 769.45
Therms 682,941 1,365,882 2,048,823													
Annual Revenue Surcharge/(Credit) 769.45 \$ 1,538.90 \$ 2,308.35													
Annual Revenue Surcharge/(Credit) 769.45 \$ 1,538.90 \$ 2,308.35													
Interruptible Class 5													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Sales	36,395,093	28,969,453	31,847,169	28,135,667	29,277,207	15,043,604	35,074,645	23,108,821	30,067,491	22,093,080	35,749,958	32,122,656	347,884,845
Rate (Less CCRC)	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448	0.00448
Total Revenue	163,050	129,783	142,675	126,048	131,162	67,395	157,134	103,528	134,702	98,977	160,160	143,909	1,558,524
Customers	17	17	17	17	17	17	17	17	17	17	17	17	204
Average Monthly Customers	17	17	17	17	17	17	17	17	17	17	17	17	17
Distribution Revenues per Avg. Monthly Customers	\$ 9,591.18	\$ 17,225.48	\$ 25,618.15	\$ 33,032.72	\$ 40,748.13	\$ 44,712.56	\$ 53,955.76	\$ 60,045.61	\$ 67,969.28	\$ 73,791.46	\$ 83,212.62	\$ 91,677.89	\$ 91,677.89
Forecasted Rev per Avg Monthly Customer	\$ 5,751.71	\$ 10,915.68	\$ 16,123.80	\$ 20,984.38	\$ 25,119.80	\$ 29,413.90	\$ 33,572.50	\$ 37,819.38	\$ 42,508.84	\$ 47,868.73	\$ 53,365.41	\$ 59,281.42	\$ 59,281.42
Under/(Over) Collection	(80,629)	(138,816)	(208,876)	(265,063)	(343,823)	(336,571)	(448,432)	(488,977)	(560,130)	(570,300)	(656,639)	(712,722)	\$ (0.00245) \$ (25,050.35)
10%Cap	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	\$ (50,100.69)
RDM Recoveries/(Refunds)	(80,629)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	(130,419)	\$ (0.00045) \$ (4,583.89)
Therms 10,231,907 20,463,814 30,695,722													
Annual Revenue Surcharge/(Credit) (25,050.35) \$ (50,100.69) \$ (75,151.04)													
Annual Revenue Surcharge/(Credit) (4,583.89) \$ (9,167.79) \$ (13,751.68)													

		2013	2014	2015	2016
Residential	Base Rate	\$ 0.18241	\$ 0.19358	\$ 0.19358	\$ 0.21349
	Decoupling Rate	\$ (0.01248)	\$ (0.01936)	\$ 0.01936	\$ 0.02135
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 8.50	\$ 9.50	\$ 9.50	\$ 9.50
	Actual Average Use	947	1,041	770	772
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 277.16 \$ (11.81)	\$ 320.87 \$ (20.15)	\$ 296.73 \$ 14.90	\$ 316.54 \$ 16.47
GS Small C&I	Base Rate	\$ 0.17014	\$ 0.15668	\$ 0.15668	\$ 0.19298
	Decoupling Rate	\$ 0.00014	\$ (0.01567)	\$ 0.00559	\$ 0.01930
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 14.50	\$ 18.00	\$ 18.00	\$ 18.00
	Actual Average Use	1,134	1,361	935	791
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 384.24 \$ 0.16	\$ 441.24 \$ (21.32)	\$ 390.54 \$ 5.23	\$ 405.79 \$ 15.26
GS Large C&I	Base Rate	\$ 0.15355	\$ 0.14131	\$ 0.14131	\$ 0.14118
	Decoupling Rate	\$ (0.01536)	\$ (0.01413)	\$ 0.01413	\$ 0.01412
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 35.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	9,277	10,173	6,843	6,324
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 1,842.43 \$ (142.45)	\$ 2,082.88 \$ (143.76)	\$ 1,771.16 \$ 96.70	\$ 1,697.16 \$ 89.29
Small Volume Int. Sales	Base Rate	\$ 0.09134	\$ 0.06042	\$ 0.06042	\$ 0.06973
	Decoupling Rate	\$ (0.00913)	\$ (0.00604)	\$ 0.00604	\$ 0.00723
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 150.00	\$ 165.00	\$ 165.00	\$ 165.00
	Actual Average Use	57,001	66,517	46,040	45,976
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 7,348.27 \$ (520.65)	\$ 7,225.38 \$ (401.89)	\$ 6,166.97 \$ 278.17	\$ 6,790.47 \$ 332.45
Large Volume Int. Sales	Base Rate	\$ 0.02055	\$ 0.02105	\$ 0.02105	\$ 0.02562
	Decoupling Rate	\$ (0.00206)	\$ 0.00186	\$ 0.00211	\$ 0.00256
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 175.00	\$ 185.00	\$ 185.00	\$ 185.00
	Actual Average Use	268,264	176,443	165,851	168,674
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 11,120.39 \$ (551.28)	\$ 10,581.08 \$ 327.63	\$ 10,120.30 \$ 349.12	\$ 11,640.78 \$ 432.14
Small Volume Int. Transport	Base Rate	\$ 0.09134	\$ 0.06042	\$ 0.06042	\$ 0.06973
	Decoupling Rate	\$ 0.00913	\$ 0.00604	\$ 0.00604	\$ 0.00697
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 220.00	\$ 275.00	\$ 275.00	\$ 280.00
	Actual Average Use	129,950	123,244	101,682	98,033
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 17,662.76 \$ 1,186.97	\$ 14,508.04 \$ 744.64	\$ 12,547.17 \$ 614.36	\$ 13,591.98 \$ 683.58
Large Volume Int. Transport	Base Rate	\$ 0.02055	\$ 0.02105	\$ 0.02105	\$ 0.02562
	Decoupling Rate	\$ (0.00105)	\$ (0.00162)	\$ (0.00022)	\$ 0.00171
	CCRC	\$ 0.01513	\$ 0.02448	\$ 0.02448	\$ 0.02767
	Customer Charge	\$ 245.00	\$ 295.00	\$ 295.00	\$ 300.00
	Actual Average Use	1,409,134	1,453,773	1,260,978	1,351,553
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 51,735.59 \$ (1,482.31)	\$ 67,382.40 \$ (2,347.90)	\$ 60,681.20 \$ (271.12)	\$ 77,934.07 \$ 2,309.81
Super Large Volume - NNG	Base Rate	\$ 0.00420	\$ 0.00420	\$ 0.00420	\$ 0.00448
	Decoupling Rate	\$ (0.00051)	\$ (0.00049)	\$ 0.00019	\$ 0.00051
	CCRC				
	Customer Charge	\$ 370.00	\$ 460.00	\$ 460.00	\$ 470.00
	Actual Average Use	10,201,854	11,447,228	9,851,548	9,759,600
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 42,078.43 \$ (5,209.36)	\$ 47,962.90 \$ (5,635.46)	\$ 48,800.31 \$ 1,903.81	\$ 54,357.90 \$ 4,994.89
Super Large Volume - CON	Base Rate	\$ 0.00850	\$ 0.00850	\$ 0.00850	\$ 0.00873
	Decoupling Rate	\$ (0.00051)	\$ (0.00049)	\$ 0.00019	\$ 0.00051
	CCRC				
	Customer Charge	\$ 370.00	\$ 460.00	\$ 460.00	\$ 470.00
	Actual Average Use	10,201,854	11,447,228	9,851,548	9,759,600
	Total Revenue excluding Cost of Gas Decoupling Revenue	\$ 85,946.40 \$ (5,209.36)	\$ 97,185.98 \$ (5,635.46)	\$ 91,161.97 \$ 1,903.81	\$ 95,836.20 \$ 4,994.89

		2018	2019	2020	2021
Residential	Base Rate	\$ 0.21733	\$ 0.21733	\$ 0.21733	\$ 0.21733
	Decoupling Rate	\$ (0.01716)	\$ (0.02173)	\$ 0.00009	\$ 0.01750
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 9.50	\$ 9.50	\$ 9.50	\$ 9.50
	Actual Average Use	943	964	873	803
	Total Revenue excluding Cost of Gas	\$ 330.33	\$ 330.69	\$ 329.48	\$ 326.20
	Decoupling Revenue	\$ (16.17)	\$ (20.94)	\$ 0.08	\$ 14.06
Firm Class 1	Base Rate	\$ 0.19298	\$ 0.19298	\$ 0.19298	\$ 0.19298
	Decoupling Rate	\$ 0.00465	\$ 0.00005	\$ 0.01930	\$ 0.01930
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 18.00	\$ 18.00	\$ 18.00	\$ 18.00
	Actual Average Use	975	999	858	787
	Total Revenue excluding Cost of Gas	\$ 437.26	\$ 438.08	\$ 423.20	\$ 406.17
	Decoupling Revenue	\$ 4.54	\$ 0.05	\$ 16.55	\$ 15.19
Firm Class 2	Base Rate	\$ 0.13904	\$ 0.13904	\$ 0.13904	\$ 0.13904
	Decoupling Rate	\$ (0.01390)	\$ (0.01390)	\$ (0.01390)	\$ (0.00599)
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	8,457	8,687	7,491	7,094
	Total Revenue excluding Cost of Gas	\$ 1,845.97	\$ 1,881.47	\$ 1,696.83	\$ 1,691.69
	Decoupling Revenue	\$ (117.59)	\$ (120.78)	\$ (104.16)	\$ (42.46)
Firm Class 3	Base Rate	\$ 0.09500	\$ 0.09500	\$ 0.09500	\$ 0.09500
	Decoupling Rate	\$ (0.00950)	\$ (0.00950)	\$ (0.00433)	\$ (0.00950)
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 165.00	\$ 165.00	\$ 165.00	\$ 165.00
	Actual Average Use	212,475	210,663	172,656	184,325
	Total Revenue excluding Cost of Gas	\$ 26,370.03	\$ 26,162.01	\$ 22,691.80	\$ 23,138.63
	Decoupling Revenue	\$ (2,018.51)	\$ (2,001.30)	\$ (747.58)	\$ (1,751.08)
Firm Class 4	Base Rate			\$ 0.02063	\$ 0.02063
	Decoupling Rate			\$ (0.01166)	\$ (0.01166)
	CCRC			\$ 0.02929	\$ 0.02929
	Customer Charge			\$ 185.00	\$ 185.00
	Actual Average Use			1,493,779	1,487,198
	Total Revenue excluding Cost of Gas			\$ 59,373.71	\$ 59,121.91
	Decoupling Revenue			\$ (17,415.73)	\$ (17,339.00)
Firm Class 5	Base Rate			\$ 0.00533	\$ 0.00533
	Decoupling Rate			\$ (0.03291)	\$ (0.03291)
	CCRC			\$ 0.02929	\$ 0.02929
	Customer Charge			\$ 360.00	\$ 360.00
	Actual Average Use			13,192,897	13,262,852
	Total Revenue excluding Cost of Gas			\$ 26,902.27	\$ 27,022.01
	Decoupling Revenue			\$ (434,155.84)	\$ (436,457.92)
Ag Grain Dryer - Class 1	Base Rate	\$ 0.10000	\$ 0.10000	\$ 0.10000	\$ 0.10000
	Decoupling Rate	\$ 0.00337	\$ 0.01000	\$ 0.01000	\$ 0.01000
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	7,109	4,507	626	1,678
	Total Revenue excluding Cost of Gas	\$ 1,483.03	\$ 1,167.75	\$ 627.13	\$ 773.72
	Decoupling Revenue	\$ 23.96	\$ 45.07	\$ 6.26	\$ 16.78

	2018	2019	2020	2021	
Ag Grain Dryer - Class 2	Base Rate	\$ 0.05197	\$ 0.05197	\$ 0.05197	\$ 0.05197
	Decoupling Rate	\$ 0.00520	\$ (0.00520)	\$ (0.00520)	\$ 0.00435
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	45,258	73,806	61,997	46,373
	Total Revenue excluding Cost of Gas	\$ 4,452.84	\$ 6,153.94	\$ 5,255.65	\$ 4,510.14
	Decoupling Revenue	\$ 235.20	\$ (383.57)	\$ (322.20)	\$ 201.86
Ag Grain Dryer - Class 3	Base Rate	\$ 0.02907	\$ 0.02907		
	Decoupling Rate	\$ 0.00291	\$ 0.00291		
	CCRC	\$ 0.02929	\$ 0.02929		
	Customer Charge	\$ 165.00	\$ 165.00		
	Actual Average Use	1,423,239	984,811		
	Total Revenue excluding Cost of Gas	\$ 89,177.55	\$ 62,316.40		
	Decoupling Revenue	\$ 4,137.35	\$ 2,862.84		
Power Generation - Class 1	Base Rate	\$ 0.07000	\$ 0.07000	\$ 0.07000	\$ 0.07000
	Decoupling Rate	\$ 0.00663	\$ (0.00700)	\$ 0.00700	\$ 0.00700
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	21,128	57,772	11,883	17,765
	Total Revenue excluding Cost of Gas	\$ 2,777.82	\$ 5,871.80	\$ 1,802.99	\$ 2,428.26
	Decoupling Revenue	\$ 139.99	\$ (404.41)	\$ 83.18	\$ 124.36
Power Generation - Class 2	Base Rate	\$ 0.00448	\$ 0.00448	\$ 0.00448	\$ 0.00448
	Decoupling Rate	\$ 0.00045	\$ 0.00045	\$ (0.00026)	\$ (0.00045)
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 360.00	\$ 360.00	\$ 360.00	\$ 360.00
	Actual Average Use	11,801,031	9,878,465	21,274,826	23,450,841
	Total Revenue excluding Cost of Gas	\$ 408,127.66	\$ 342,341.32	\$ 717,264.53	\$ 785,748.92
	Decoupling Revenue	\$ 5,286.86	\$ 4,425.55	\$ (5,506.35)	\$ (10,505.98)
Interruptible Class 2	Base Rate	\$ 0.07500	\$ 0.07500	\$ 0.07500	\$ 0.07500
	Decoupling Rate	\$ 0.00158	\$ 0.00750	\$ 0.00750	\$ 0.00750
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
	Actual Average Use	43,460	16,354	10,455	13,056
	Total Revenue excluding Cost of Gas	\$ 5,141.11	\$ 2,368.25	\$ 1,708.79	\$ 1,999.55
	Decoupling Revenue	\$ 68.64	\$ 122.66	\$ 78.41	\$ 97.92
Interruptible Class 3	Base Rate	\$ 0.06500	\$ 0.06500	\$ 0.06500	\$ 0.06500
	Decoupling Rate	\$ 0.00650	\$ 0.00650	\$ 0.00650	\$ 0.00650
	CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
	Customer Charge	\$ 165.00	\$ 165.00	\$ 165.00	\$ 165.00
	Actual Average Use	371,354	311,785	318,147	319,344
	Total Revenue excluding Cost of Gas	\$ 39,408.77	\$ 33,404.82	\$ 34,046.00	\$ 34,166.70
	Decoupling Revenue	\$ 2,413.80	\$ 2,026.60	\$ 2,067.95	\$ 2,075.74

	2018	2019	2020	2021
Interruptible Class 4				
Base Rate	\$ 0.01870	\$ 0.01870	\$ 0.01870	\$ 0.01870
Decoupling Rate	\$ 0.00187	\$ 0.00187	\$ 0.00187	\$ 0.00113
CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
Customer Charge	\$ 185.00	\$ 185.00	\$ 185.00	\$ 185.00
Actual Average Use	1,252,678	911,731	1,268,367	1,365,882
Total Revenue excluding Cost of Gas	\$ 64,678.51	\$ 47,678.90	\$ 65,460.78	\$ 69,307.57
Decoupling Revenue	\$ 2,342.51	\$ 1,704.94	\$ 2,371.85	\$ 1,538.90
Interruptible Class 5				
Base Rate	\$ 0.00448	\$ 0.00448	\$ 0.00448	\$ 0.00448
Decoupling Rate	\$ 0.00035	\$ (0.00045)	\$ (0.00045)	\$ (0.00045)
CCRC	\$ 0.02929	\$ 0.02929	\$ 0.02929	\$ 0.02929
Customer Charge	\$ 360.00	\$ 360.00	\$ 360.00	\$ 360.00
Actual Average Use	12,204,126	18,813,315	16,916,999	20,463,814
Total Revenue excluding Cost of Gas	\$ 420,702.25	\$ 631,217.27	\$ 568,028.23	\$ 686,215.22
Decoupling Revenue	\$ 4,248.92	\$ (8,428.36)	\$ (7,578.82)	\$ (9,167.79)

MERC Customer Class	Rate Design	CCOSS (1)	Rate Design less CCOSS	Throughput Benefit at 100 therms	Currently Decoupled	Proposed Decoupled
NNG SALES						
GS-NNG Residential Sales	\$ 0.38878	\$ 0.12198	\$ 0.26680	\$ 26.68	Yes	Yes
GS-NNG Residential Farm-Tap Sales	\$ 0.38878	\$ 0.04320	\$ 0.34558	\$ 34.56	Yes	Yes
GS-NNG C&I FIRM Class 1	\$ 0.34491	\$ 0.12053	\$ 0.22438	\$ 22.44		
GS-NNG C&I Farm-Tap Class 1	\$ 0.34491	\$ 0.04307	\$ 0.30184	\$ 30.18		
GS-NNG C&I FIRM Class 2	\$ 0.25209	\$ 0.11926	\$ 0.13283	\$ 13.28		
GS-NNG C&I FIRM Class 3	\$ 0.16486	\$ 0.10593	\$ 0.05893	\$ 5.89		
GS-NNG C&I Farm-Tap Class 2	\$ 0.25209	\$ 0.04183	\$ 0.21026	\$ 21.03		
GS-NNG C&I Farm-Tap Class 3	\$ 0.16486	\$ 0.04163	\$ 0.12323	\$ 12.32		
NNG C&I INT Class 2	\$ 0.14947	\$ 0.08357	\$ 0.06590	\$ 6.59		
NNG C&I INT Class 3	\$ 0.11902	\$ 0.06709	\$ 0.05193	\$ 5.19		
NNG Agriculture Grain Dryer - Class 1	\$ 0.19554	\$ 0.16254	\$ 0.03300	\$ 3.30		
NNG Agriculture Grain Dryer - Class 2	\$ 0.11858	\$ 0.16663	\$ (0.04805)	\$ (4.81)		
NNG Electric Generation - Class 1	\$ 0.14146	\$ 0.10873	\$ 0.03273	\$ 3.27		
NNG C&I Firm/Interruptible Class 2	\$ 0.14947	\$ 0.08357	\$ 0.06590	\$ 6.59		
CONSOLIDATED SALES						
GS-CONSOLIDATED Residential Sales	\$ 0.38878	\$ 0.12198	\$ 0.26680	\$ 26.68	Yes	Yes
GS-CONSOLIDATED C&I FIRM Class 1	\$ 0.34491	\$ 0.12053	\$ 0.22438	\$ 22.44		
GS-CONSOLIDATED C&I FIRM Class 2	\$ 0.25209	\$ 0.11926	\$ 0.13283	\$ 13.28		
GS-CONSOLIDATED C&I FIRM Class 3	\$ 0.16486	\$ 0.10593	\$ 0.05893	\$ 5.89		
CONSOLIDATED C&I INT Class 2	\$ 0.14947	\$ 0.08357	\$ 0.06590	\$ 6.59		
CONSOLIDATED C&I INT Class 3	\$ 0.11902	\$ 0.06709	\$ 0.05193	\$ 5.19		
CONSOLIDATED C&I INT Class 4	\$ 0.05577	\$ 0.06509	\$ (0.00932)	\$ (0.93)		
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 0.19554	\$ 0.16254	\$ 0.03300	\$ 3.30		
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 0.11858	\$ 0.16663	\$ (0.04805)	\$ (4.81)		
CONSOLIDATED Electric Generation - Class 1	\$ 0.14146	\$ 0.10873	\$ 0.03273	\$ 3.27		
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 0.14947	\$ 0.08357	\$ 0.06590	\$ 6.59		

(1) Rate shown for CCOSS for Firm/Interruptible classes is the CCOSS justified Interruptible rate for the associated Customer Class.

MERC Customer Class	Rate Design	CCOSS (1)	Rate Design less CCOSS	Throughput Benefit at 100 therms	Currently Decoupled	Proposed Decoupled
NNG TRANSPORT						
Transport-NNG C&I FIRM Class 2	\$ 0.25209	\$ 0.10766	\$ 0.14443	\$ 14.44		
Transport-NNG C&I FIRM Class 3	\$ 0.16486	\$ 0.09433	\$ 0.07053	\$ 7.05		
Transport-NNG C&I FIRM Class 4	\$ 0.05748	\$ 0.09347	\$ (0.03599)	\$ (3.60)		
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 0.00810	\$ 0.06306	\$ (0.05496)	\$ (5.50)		
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 0.00810	\$ 0.00163	\$ 0.00647	\$ 0.65		
Transport-NNG C&I INT Class 2	\$ 0.14947	\$ 0.07197	\$ 0.07750	\$ 7.75		
Transport-NNG C&I INT Class 3	\$ 0.11902	\$ 0.05549	\$ 0.06353	\$ 6.35		
Transport-NNG C&I INT Class 4	\$ 0.05577	\$ 0.05349	\$ 0.00228	\$ 0.23		
Transport-NNG C&I INT Class 5	\$ 0.03497	\$ 0.00339	\$ 0.03158	\$ 3.16		
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 0.00568	\$ 0.00339	\$ 0.00229	\$ 0.23		
Transport-NNG Electric Generation INT Class 2	\$ 0.03497	\$ 0.05725	\$ (0.02228)	\$ (2.23)		
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 0.00568	\$ 0.05725	\$ (0.05157)	\$ (5.16)		
Transport-NNG C&I Firm/Interruptible Class 2	\$ 0.14947	\$ 0.07197	\$ 0.07750	\$ 7.75		
Transport-NNG C&I Firm/Interruptible Class 3	\$ 0.11902	\$ 0.05549	\$ 0.06353	\$ 6.35		
Transport-NNG C&I Firm/Interruptible Class 4	\$ 0.05577	\$ 0.05349	\$ 0.00228	\$ 0.23		
Transport-NNG C&I Firm/Interruptible Class 5	\$ 0.03497	\$ 0.00339	\$ 0.03158	\$ 3.16		
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 0.00568	\$ 0.00339	\$ 0.00229	\$ 0.23		
Transport for Resale	\$ 0.08327	\$ 0.03853	\$ 0.04473	\$ 4.47		
LVJ-NNG Flex Transport (Cust "A")	\$ 0.03500	\$ 0.05349	\$ (0.01850)	\$ (1.85)		
LVI-NNG Flex Transport (Cust "B")			\$ -	\$ -		
LVI-NNG Flex Transport (Cust "C")			\$ -	\$ -		
LVI-NNG Flex Transport (Cust "D")			\$ -	\$ -		
LVJ-NNG Flex Transport (Cust "E")			\$ -	\$ -		
LVJ-NNG Flex Transport (Cust "F")	\$ 0.03737	\$ 0.05349	\$ (0.01613)	\$ (1.61)		
LVJ-NNG Flex Transport (Cust "G")	\$ 0.03393	\$ 0.05349	\$ (0.01956)	\$ (1.96)		
CONSOLIDATED TRANSPORT						
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 0.25209	\$ 0.10766	\$ 0.14443	\$ 14.44		
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 0.22280	\$ 0.10766	\$ 0.11514	\$ 11.51		
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 0.16486	\$ 0.09433	\$ 0.07053	\$ 7.05		
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 0.05748	\$ 0.09347	\$ (0.03599)	\$ (3.60)		
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 0.00810	\$ 0.06306	\$ (0.05496)	\$ (5.50)		
Transport-CONSOLIDATED C&I INT Class 2	\$ 0.14947	\$ 0.07197	\$ 0.07750	\$ 7.75		
Transport-CONSOLIDATED C&I INT Class 3	\$ 0.11902	\$ 0.05549	\$ 0.06353	\$ 6.35		
Transport-CONSOLIDATED C&I INT Class 4	\$ 0.05577	\$ 0.05349	\$ 0.00228	\$ 0.23		
Transport-CONSOLIDATED C&I INT Class 5	\$ 0.03497	\$ 0.00339	\$ 0.03158	\$ 3.16		
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 0.11902	\$ 0.05549	\$ 0.06353	\$ 6.35		
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 0.00568	\$ 0.00339	\$ 0.00229	\$ 0.23		

(1) Rate shown for CCOSS for Firm/Interruptible classes is the CCOSS justified Interruptible rate for the associated Customer Class.

MINNESOTA ENERGY RESOURCES CORPORATION
RATES BY CUSTOMER CLASS
CURRENTLY AUTHORIZED MONTHLY FIXED CHARGES AND PER THERM DISTRIBUTION RATES

MERC Customer Class	Fixed Local Distribution Service (Monthly)	Enhanced Administration Service (Monthly)	Total Fixed Charge (Monthly)	Volumetric Local Distribution Interruptible Service (All Therms)	Volumetric Local Distribution Firm Service (All Therms)	CCRC (All Therms)	Total Per Therm Rate Interruptible (All Therms)	Total Per Therm Rate Firm (All Therms)
NNG SALES								
GS-NNG Residential Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-NNG Residential Farm-Tap Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-NNG C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-NNG C&I Farm-Tap Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-NNG C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-NNG C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
GS-NNG C&I Farm-Tap Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-NNG C&I Farm-Tap Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
NNG C&I INT Class 2	\$45.00		\$45.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
NNG C&I INT Class 3	\$165.00		\$165.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
NNG Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.10000		\$ 0.02953	\$ 0.12953	
NNG Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.05197		\$ 0.02953	\$ 0.08150	
NNG Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.07000		\$ 0.02953	\$ 0.09953	
NNG C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
CONSOLIDATED SALES								
GS-CONSOLIDATED Residential Sales	\$9.50		\$9.50		\$ 0.21733	\$ 0.02953		\$ 0.24686
GS-CONSOLIDATED C&I FIRM Class 1	\$18.00		\$18.00		\$ 0.19298	\$ 0.02953		\$ 0.22251
GS-CONSOLIDATED C&I FIRM Class 2	\$45.00		\$45.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
GS-CONSOLIDATED C&I FIRM Class 3	\$165.00		\$165.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
CONSOLIDATED C&I INT Class 2	\$45.00		\$45.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
CONSOLIDATED C&I INT Class 3	\$165.00		\$165.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
CONSOLIDATED C&I INT Class 4	\$185.00		\$185.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$45.00		\$45.00	\$ 0.10000		\$ 0.02953	\$ 0.12953	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$45.00		\$45.00	\$ 0.05197		\$ 0.02953	\$ 0.08150	
CONSOLIDATED Electric Generation - Class 1	\$45.00		\$45.00	\$ 0.07000		\$ 0.02953	\$ 0.09953	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$45.00		\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
NNG TRANSPORT								
Transport-NNG C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
Transport-NNG C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
Transport-NNG C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02063	\$ 0.02953		\$ 0.05016
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533	-		\$ 0.00533
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533	-		\$ 0.00533
Transport-NNG C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
Transport-NNG C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
Transport-NNG C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
Transport-NNG C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448		-	\$ 0.00448	
Transport-NNG Electric Generation INT Class 2	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448		-	\$ 0.00448	
Transport-NNG C&I Firm/Interruptible Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.10453	\$ 0.16857
Transport-NNG C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ 0.09453	\$ 0.12453
Transport-NNG C&I Firm/Interruptible Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.02953	\$ 0.04823	\$ 0.05016
Transport-NNG C&I Firm/Interruptible Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.02953	\$ 0.03401	\$ 0.03486
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533	-	\$ 0.00448	\$ 0.00533
Transport for Resale	\$185.00	\$150.00	\$335.00	\$ 0.04661		\$ 0.02953	\$ 0.07614	
LVJ-NNG Flex Transport (Cust "A")	\$185.00	\$150.00	\$335.00	\$ 0.00450	\$ 0.02063	\$ 0.02953	\$ 0.03403	\$ 0.05016
LVJ-NNG Flex Transport (Cust "B")								
LVJ-NNG Flex Transport (Cust "C")								
LVJ-NNG Flex Transport (Cust "D")								
LVJ-NNG Flex Transport (Cust "E")								
LVJ-NNG Flex Transport (Cust "F")	\$185.00	\$150.00	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.02953	\$ 0.03590	\$ 0.05016
LVJ-NNG Flex Transport (Cust "G")	\$185.00	\$150.00	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.02953	\$ 0.03319	\$ 0.05016
CONSOLIDATED TRANSPORT								
Transport-CONSOLIDATED C&I FIRM Class 2	\$45.00	\$150.00	\$195.00		\$ 0.13904	\$ 0.02953		\$ 0.16857
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$45.00	\$150.00	\$195.00		\$ 0.13904	-		\$ 0.13904
Transport-CONSOLIDATED C&I FIRM Class 3	\$165.00	\$150.00	\$315.00		\$ 0.09500	\$ 0.02953		\$ 0.12453
Transport-CONSOLIDATED C&I FIRM Class 4	\$185.00	\$150.00	\$335.00		\$ 0.02063	\$ 0.02953		\$ 0.05016
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00		\$ 0.00533	-		\$ 0.00533
Transport-CONSOLIDATED C&I INT Class 2	\$45.00	\$150.00	\$195.00	\$ 0.07500		\$ 0.02953	\$ 0.10453	
Transport-CONSOLIDATED C&I INT Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500		\$ 0.02953	\$ 0.09453	
Transport-CONSOLIDATED C&I INT Class 4	\$185.00	\$150.00	\$335.00	\$ 0.01870		\$ 0.02953	\$ 0.04823	
Transport-CONSOLIDATED C&I INT Class 5	\$360.00	\$150.00	\$510.00	\$ 0.00448		\$ 0.02953	\$ 0.03401	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$165.00	\$150.00	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ 0.09453	\$ 0.12453
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$360.00	\$150.00	\$510.00	\$ 0.00448	\$ 0.00533	-	\$ 0.00448	\$ 0.00533

MINNESOTA ENERGY RESOURCES CORPORATION
RATES BY CUSTOMER CLASS
PROPOSED MONTHLY FIXED CHARGES AND PER THERM DISTRIBUTION RATES - INTERIM RATES

MERC Customer Class	Fixed Local Distribution Service (Monthly)	Enhanced Administration Service (Monthly)	Total Fixed Charge (Monthly)	Volumetric Local Distribution Interruptible Service (All Therms)	Volumetric Local Distribution Firm Service (All Therms)	CCRC (All Therms)	Total Per Therm Rate Interruptible (All Therms)	Total Per Therm Rate Firm (All Therms)
NNG SALES								
GS-NNG Residential Sales	\$12.62		\$12.62		\$ 0.29859	\$ 0.02929		\$ 0.32788
GS-NNG Residential Farm-Tap Sales	\$12.62		\$12.62		\$ 0.29859	\$ 0.02929		\$ 0.32788
GS-NNG C&I FIRM Class 1	\$23.91		\$23.91		\$ 0.26625	\$ 0.02929		\$ 0.29554
GS-NNG C&I Farm-Tap Class 1	\$23.91		\$23.91		\$ 0.26625	\$ 0.02929		\$ 0.29554
GS-NNG C&I FIRM Class 2	\$59.77		\$59.77		\$ 0.19460	\$ 0.02929		\$ 0.22389
GS-NNG C&I FIRM Class 3	\$219.15		\$219.15		\$ 0.13611	\$ 0.02929		\$ 0.16540
GS-NNG C&I Farm-Tap Class 2	\$59.77		\$59.77		\$ 0.19460	\$ 0.02929		\$ 0.22389
GS-NNG C&I Farm-Tap Class 3	\$219.15		\$219.15		\$ 0.13611	\$ 0.02929		\$ 0.16540
NNG C&I INT Class 2	\$59.77		\$59.77	\$ 0.10955		\$ 0.02929	\$ 0.13884	
NNG C&I INT Class 3	\$219.15		\$219.15	\$ 0.09626		\$ 0.02929	\$ 0.12555	
NNG Agriculture Grain Dryer - Class 1	\$59.77		\$59.77	\$ 0.14275		\$ 0.02929	\$ 0.17204	
NNG Agriculture Grain Dryer - Class 2	\$59.77		\$59.77	\$ 0.07896		\$ 0.02929	\$ 0.10825	
NNG Electric Generation - Class 1	\$59.77		\$59.77	\$ 0.10291		\$ 0.02929	\$ 0.13220	
NNG C&I Firm/Interruptible Class 2	\$59.77		\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ 0.13884	\$ 0.22389
CONSOLIDATED SALES								
GS-CONSOLIDATED Residential Sales	\$12.62		\$12.62		\$ 0.29859	\$ 0.02929		\$ 0.32788
GS-CONSOLIDATED C&I FIRM Class 1	\$23.91		\$23.91		\$ 0.26625	\$ 0.02929		\$ 0.29554
GS-CONSOLIDATED C&I FIRM Class 2	\$59.77		\$59.77		\$ 0.19460	\$ 0.02929		\$ 0.22389
GS-CONSOLIDATED C&I FIRM Class 3	\$219.15		\$219.15		\$ 0.13611	\$ 0.02929		\$ 0.16540
CONSOLIDATED C&I INT Class 2	\$59.77		\$59.77	\$ 0.10955		\$ 0.02929	\$ 0.13884	
CONSOLIDATED C&I INT Class 3	\$219.15		\$219.15	\$ 0.09626		\$ 0.02929	\$ 0.12555	
CONSOLIDATED C&I INT Class 4	\$245.72		\$245.72	\$ 0.03477		\$ 0.02929	\$ 0.06406	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$59.77		\$59.77	\$ 0.14275		\$ 0.02929	\$ 0.17204	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$59.77		\$59.77	\$ 0.07896		\$ 0.02929	\$ 0.10825	
CONSOLIDATED Electric Generation - Class 1	\$59.77		\$59.77	\$ 0.10291		\$ 0.02929	\$ 0.13220	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$59.77		\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ 0.13884	\$ 0.22389
NNG TRANSPORT								
Transport-NNG C&I FIRM Class 2	\$59.77	\$199.23	\$259.00		\$ 0.19460	\$ 0.02929		\$ 0.22389
Transport-NNG C&I FIRM Class 3	\$219.15	\$199.23	\$418.38		\$ 0.13611	\$ 0.02929		\$ 0.16540
Transport-NNG C&I FIRM Class 4	\$245.72	\$199.23	\$444.95		\$ 0.03733	\$ 0.02929		\$ 0.06662
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$478.15	\$199.23	\$677.38		\$ 0.00533			\$ 0.00533
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$478.15	\$199.23	\$677.38		\$ 0.00533			\$ 0.00533
Transport-NNG C&I INT Class 2	\$59.77	\$199.23	\$259.00	\$ 0.10955		\$ 0.02929	\$ 0.13884	
Transport-NNG C&I INT Class 3	\$219.15	\$199.23	\$418.38	\$ 0.09626		\$ 0.02929	\$ 0.12555	
Transport-NNG C&I INT Class 4	\$245.72	\$199.23	\$444.95	\$ 0.03477		\$ 0.02929	\$ 0.06406	
Transport-NNG C&I INT Class 5	\$478.15	\$199.23	\$677.38	\$ 0.01588		\$ 0.02929	\$ 0.04517	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$478.15	\$199.23	\$677.38	\$ 0.00448			\$ 0.00448	
Transport-NNG Electric Generation INT Class 2	\$478.15	\$199.23	\$677.38	\$ 0.01588		\$ 0.02929	\$ 0.04517	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$478.15	\$199.23	\$677.38	\$ 0.00448			\$ 0.00448	
Transport-NNG C&I Firm/Interruptible Class 2	\$59.77	\$199.23	\$259.00	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ 0.13884	\$ 0.22389
Transport-NNG C&I Firm/Interruptible Class 3	\$219.15	\$199.23	\$418.38	\$ 0.09626	\$ 0.13611	\$ 0.02929	\$ 0.12555	\$ 0.16540
Transport-NNG C&I Firm/Interruptible Class 4	\$245.72	\$199.23	\$444.95	\$ 0.03477	\$ 0.03733	\$ 0.02929	\$ 0.06406	\$ 0.06662
Transport-NNG C&I Firm/Interruptible Class 5	\$478.15	\$199.23	\$677.38	\$ 0.01588	\$ 0.01701	\$ 0.02929	\$ 0.04517	\$ 0.04630
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$478.15	\$199.23	\$677.38	\$ 0.00448	\$ 0.00533		\$ 0.00448	\$ 0.00533
Transport for Resale	\$245.72	\$199.23	\$444.95	\$ 0.07184		\$ 0.02929	\$ 0.10113	
LVJ-NNG Flex Transport (Cust "A")	\$245.72	\$199.23	\$444.95	\$ 0.00474	\$ 0.02087	\$ 0.02929	\$ 0.03403	\$ 0.05016
LVI-NNG Flex Transport (Cust "B")								
LVI-NNG Flex Transport (Cust "C")								
LVI-NNG Flex Transport (Cust "D")								
LVJ-NNG Flex Transport (Cust "E")								
LVJ-NNG Flex Transport (Cust "F")	\$245.72	\$199.23	\$444.95	\$ 0.00661	\$ 0.02087	\$ 0.02929	\$ 0.03590	\$ 0.05016
LVJ-NNG Flex Transport (Cust "G")	\$245.72	\$199.23	\$444.95	\$ 0.00390	\$ 0.02087	\$ 0.02929	\$ 0.03319	\$ 0.05016
CONSOLIDATED TRANSPORT								
Transport-CONSOLIDATED C&I FIRM Class 2	\$59.77	\$199.23	\$259.00		\$ 0.19460	\$ 0.02929		\$ 0.22389
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$59.77	\$199.23	\$259.00		\$ 0.18467			\$ 0.18467
Transport-CONSOLIDATED C&I FIRM Class 3	\$219.15	\$199.23	\$418.38		\$ 0.13611	\$ 0.02929		\$ 0.16540
Transport-CONSOLIDATED C&I FIRM Class 4	\$245.72	\$199.23	\$444.95		\$ 0.03733	\$ 0.02929		\$ 0.06662
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$478.15	\$199.23	\$677.38		\$ 0.00533			\$ 0.00533
Transport-CONSOLIDATED C&I INT Class 2	\$59.77	\$199.23	\$259.00	\$ 0.10955		\$ 0.02929	\$ 0.13884	
Transport-CONSOLIDATED C&I INT Class 3	\$219.15	\$199.23	\$418.38	\$ 0.09626		\$ 0.02929	\$ 0.12555	
Transport-CONSOLIDATED C&I INT Class 4	\$245.72	\$199.23	\$444.95	\$ 0.03477		\$ 0.02929	\$ 0.06406	
Transport-CONSOLIDATED C&I INT Class 5	\$478.15	\$199.23	\$677.38	\$ 0.01588		\$ 0.02929	\$ 0.04517	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$219.15	\$199.23	\$418.38	\$ 0.09626	\$ 0.13611	\$ 0.02929	\$ 0.12555	\$ 0.16540
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$478.15	\$199.23	\$677.38	\$ 0.00448	\$ 0.00533		\$ 0.00448	\$ 0.00533

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED **INTERIM** RATES (INCLUDING GAS COSTS)

MERC Customer Class	Units			Current Rates					Current Revenues					Total
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	
NNG SALES														
GS-NNG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	\$ 0.21733	\$ 0.02953	\$ 0.91381	\$ 21,578,737	\$ -	\$ 34,884,870	\$ 4,740,028	\$ 146,687,665	\$ 207,891,300
GS-NNG Residential Farm-Tap Sales	14,880	0	1,889,366	\$9.50	\$ -	\$ 0.21733	\$ 0.02953	\$ 0.91381	\$ 141,360	\$ -	\$ 410,616	\$ 55,793	\$ 1,726,521	\$ 2,334,290
GS-NNG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	\$ 0.19298	\$ 0.02953	\$ 0.91381	\$ 1,628,974	\$ -	\$ 1,265,495	\$ 193,647	\$ 5,992,444	\$ 9,080,561
GS-NNG C&I Farm-Tap Class 1	1,368	0	153,504	\$18.00	\$ -	\$ 0.19298	\$ 0.02953	\$ 0.91381	\$ 24,624	\$ -	\$ 29,623	\$ 4,533	\$ 140,273	\$ 199,053
GS-NNG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	\$ 0.13904	\$ 0.02953	\$ 0.91381	\$ 5,468,346	\$ -	\$ 10,544,475	\$ 2,239,487	\$ 69,301,255	\$ 87,553,564
GS-NNG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	\$ 0.09500	\$ 0.02953	\$ 0.91381	\$ 101,963	\$ -	\$ 724,419	\$ 225,180	\$ 6,988,229	\$ 8,019,792
GS-NNG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	\$ 0.13904	\$ 0.02953	\$ 0.91381	\$ 113,940	\$ -	\$ 336,379	\$ 71,442	\$ 2,210,779	\$ 2,732,540
GS-NNG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	\$ 0.09500	\$ 0.02953	\$ 0.91381	\$ 3,960	\$ -	\$ 71,054	\$ 22,087	\$ 683,471	\$ 780,571
NNG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953	\$ 0.80777	\$ 83,322	\$ 521,892	\$ -	\$ 205,486	\$ 5,620,919	\$ 6,431,619
NNG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953	\$ 0.80777	\$ 86,633	\$ 697,640	\$ -	\$ 316,943	\$ 8,669,731	\$ 9,770,948
NNG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953	\$ 0.80777	\$ 41,040	\$ 71,749	\$ -	\$ 21,188	\$ 579,568	\$ 713,545
NNG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953	\$ 0.80777	\$ 34,560	\$ 152,955	\$ -	\$ 86,911	\$ 2,377,385	\$ 2,651,811
NNG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953	\$ 0.80777	\$ 4,860	\$ 7,192	\$ -	\$ 3,034	\$ 82,995	\$ 98,081
NNG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.80777	\$ 540	\$ 2,067	\$ 8,069	\$ 2,528	\$ 69,143	\$ 82,347
CONSOLIDATED SALES														
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	\$ 0.21733	\$ 0.02953	\$ 0.69850	\$ 3,715,594	\$ -	\$ 6,088,505	\$ 827,284	\$ 19,558,103	\$ 30,189,485
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	\$ 0.19298	\$ 0.02953	\$ 0.69850	\$ 497,588	\$ -	\$ 391,262	\$ 59,871	\$ 1,416,190	\$ 2,364,911
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,282,824	\$45.00	\$ -	\$ 0.13904	\$ 0.02953	\$ 0.69850	\$ 1,725,321	\$ -	\$ 2,956,383	\$ 627,891	\$ 14,852,083	\$ 20,161,678
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	\$ 0.09500	\$ 0.02953	\$ 0.69850	\$ 26,707	\$ -	\$ 151,335	\$ 47,041	\$ 1,112,706	\$ 1,337,791
CONSOLIDATED C&I INT Class 2	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953	\$ 0.62380	\$ 21,791	\$ 123,439	\$ -	\$ 48,602	\$ 1,026,687	\$ 1,220,519
CONSOLIDATED C&I INT Class 3	89	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953	\$ 0.62380	\$ 14,694	\$ 91,165	\$ -	\$ 41,417	\$ 874,901	\$ 1,022,176
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.02953	\$ 0.62380	\$ 4,440	\$ 45,664	\$ -	\$ 72,111	\$ 1,523,285	\$ 1,645,500
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953	\$ 0.62380	\$ 4,860	\$ 5,300	\$ -	\$ 1,565	\$ 33,064	\$ 44,790
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953	\$ 0.62380	\$ 3,780	\$ 10,465	\$ -	\$ 5,946	\$ 125,606	\$ 145,797
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953	\$ 0.62380	\$ 540	\$ 955	\$ -	\$ 403	\$ 8,511	\$ 10,409
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ 0.62380	\$ 2,160	\$ 8,110	\$ 18,407	\$ 7,103	\$ 150,037	\$ 185,817
NNG TRANSPORT														
Transport-NNG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	\$ 0.13904	\$ 0.02953	\$ -	\$ 74,633	\$ -	\$ 241,644	\$ 51,321	\$ -	\$ 367,598
Transport-NNG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	\$ 0.09500	\$ 0.02953	\$ -	\$ 86,463	\$ -	\$ 522,119	\$ 162,297	\$ -	\$ 770,878
Transport-NNG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	\$ 0.02063	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 25,507	\$ 36,510	\$ -	\$ 65,902
Transport-NNG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	\$ 0.00533	\$ -	\$ -	\$ 6,120	\$ -	\$ 36,775	\$ -	\$ -	\$ 42,895
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	\$ 0.00533	\$ -	\$ -	\$ 6,120	\$ -	\$ 329,990	\$ -	\$ -	\$ 336,110
Transport-NNG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953	\$ -	\$ 47,494	\$ 107,580	\$ -	\$ 42,358	\$ -	\$ 197,431
Transport-NNG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953	\$ -	\$ 141,872	\$ 1,241,041	\$ -	\$ 563,814	\$ -	\$ 1,946,727
Transport-NNG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953	\$ -	\$ 27,197	\$ 227,014	\$ -	\$ 358,488	\$ -	\$ 612,700
Transport-NNG C&I INT Class 5	48	9,030,592	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$ -	\$ 24,480	\$ 40,457	\$ -	\$ 266,673	\$ -	\$ 331,610
Transport-NNG C&I INT Class 5 - CIP Exempt	72	251,552,507	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$ -	\$ 36,720	\$ 1,126,955	\$ -	\$ -	\$ -	\$ 1,163,675
Transport-NNG Electric Generation INT Class 2	12	1,307,632	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$ -	\$ 6,120	\$ 5,858	\$ -	\$ 38,614	\$ -	\$ 50,593
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$ -	\$ 6,120	\$ 11,228	\$ -	\$ -	\$ -	\$ 17,348
Transport-NNG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.02953	\$ -	\$ 13,570	\$ 22,694	\$ 13,160	\$ 11,730	\$ -	\$ 61,154
Transport-NNG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ -	\$ 65,456	\$ 450,586	\$ 175,300	\$ 259,195	\$ -	\$ 950,538
Transport-NNG C&I Firm/Interruptible Class 4	23	1,172,636	3,323,294	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.02953	\$ -	\$ 7,771	\$ 21,932	\$ 68,590	\$ 132,771	\$ -	\$ 231,033
Transport-NNG C&I Firm/Interruptible Class 5	12	4,082,242	182,482	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.02953	\$ -	\$ 6,120	\$ 18,288	\$ 973	\$ 125,937	\$ -	\$ 151,318
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	\$ 0.00533	\$ -	\$ -	\$ 30,600	\$ 149,361	\$ 134,851	\$ -	\$ -	\$ 314,812
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.02953	\$ -	\$ 3,885	\$ 15,334	\$ -	\$ 9,715	\$ -	\$ 28,935
LVI-NNG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	\$ 0.02063	\$ 0.02953	\$ -	\$ 4,020	\$ 6,192	\$ 68,694	\$ 138,960	\$ -	\$ 217,865
LVI-NNG Flex Transport (Cust "B")														
LVI-NNG Flex Transport (Cust "C")														
LVI-NNG Flex Transport (Cust "D")														
LVI-NNG Flex Transport (Cust "E")														
LVI-NNG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.02953	\$ -	\$ 8,460	\$ 7,454	\$ 56,784	\$ 115,839	\$ -	\$ 188,538
LVI-NNG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.02953	\$ -	\$ 4,020	\$ 1,414	\$ 17,815	\$ 36,911	\$ -	\$ 60,161
CONSOLIDATED TRANSPORT														
Transport-CONSOLIDATED C&I FIRM Class 2	396	0	1,506,042	\$195.00	\$ -	\$ 0.13904	\$ 0.02953	\$ -	\$ 77,271	\$ -	\$ 209,400	\$ 44,473	\$ -	\$ 331,145
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	12	0	60,185	\$195.00	\$ -	\$ 0.13904	\$ -	\$ -	\$ 2,340	\$ -	\$ 8,368	\$ -	\$ -	\$ 10,708
Transport-CONSOLIDATED C&I FIRM Class 3	195	0	4,619,969	\$315.00	\$ -	\$ 0.09500	\$ 0.02953	\$ -	\$ 61,498	\$ -	\$ 438,897	\$ 136,428	\$ -	\$ 636,823
Transport-CONSOLIDATED C&I FIRM Class 4	12	0	1,440,128	\$335.00	\$ -	\$ 0.02063	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 29,710	\$ 42,527	\$ -	\$ 76,122
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	24	0	47,101,307	\$510.00	\$ -	\$ 0.00533	\$ -	\$ -	\$ 12,240	\$ -	\$ 251,050	\$ -	\$ -	\$ 263,290
Transport-CONSOLIDATED C&I INT Class 2	81	495,330	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953	\$ -	\$ 15,831	\$ 37,150	\$ -	\$ 14,627	\$ -	\$ 67,608
Transport-CONSOLIDATED C&I INT Class 3	162	4,313,439	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953	\$ -	\$ 51,147	\$ 280,374	\$ -	\$ 127,376	\$ -	\$ 458,896
Transport-CONSOLIDATED C&I INT Class 4	12	1,505,000	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953	\$ -	\$ 3,885	\$ 28,144	\$ -	\$ 44,443	\$ -	\$ 76,471
Transport-CONSOLIDATED C&I INT Class 5	12	4,743,731	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953	\$ -	\$ 6,120	\$ 21,252	\$ -	\$ 140,082	\$ -	\$ 167,454
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	23	387,512	82,701	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953	\$ -	\$ 7,307	\$ 25,188	\$ 7,857	\$ 13,885	\$ -	\$ 54,237
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	12	6,688,246	5,332,289	\$510.00	\$ 0.00448	\$ 0.00533	\$ -	\$ -	\$ 6,120	\$ 29,963	\$ 28,421	\$ -	\$ -	\$ 64,504
									\$ 36,189,103	\$ 5,614,054	\$ 60,546,765	\$ 12,842,498	\$ 291,791,556	\$ 406,983,976

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED "INTERIM" RATES (INCLUDING GAS COSTS)

Table with columns: MERC Customer Class, Proposed Rates (Fixed Monthly, Interruptible Distribution Charge less (CCRC), Firm Distribution Charge less (CCRC), Cost of Gas), Proposed Revenues (Fixed Monthly, Interruptible Distribution Charge less (CCRC), Firm Distribution Charge less (CCRC), Cost of Gas, Total), and Percentage Increase/(Decrease) of Revenues (Fixed Monthly, Interruptible Distribution Charge less (CCRC), Firm Distribution Charge less (CCRC), Cost of Gas, Total). Rows include categories like NNG SALES, CONSOLIDATED SALES, NNG TRANSPORT, and CONSOLIDATED TRANSPORT.

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED **INTERIM RATES (INCLUDING GAS COSTS)**

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	\$ 207,891,300	\$ 227,978,421	\$ 20,087,121	9.66%
GS-NNG Residential Farm-Tap Sales	\$ 2,334,290	\$ 2,533,761	\$ 199,471	8.55%
GS-NNG C&I FIRM Class 1	\$ 9,080,561	\$ 10,094,095	\$ 1,013,534	11.16%
GS-NNG C&I Farm-Tap Class 1	\$ 199,053	\$ 218,345	\$ 19,292	9.69%
GS-NNG C&I FIRM Class 2	\$ 87,553,564	\$ 93,543,617	\$ 5,990,053	6.84%
GS-NNG C&I FIRM Class 3	\$ 8,019,792	\$ 8,364,909	\$ 345,117	4.30%
GS-NNG C&I Farm-Tap Class 2	\$ 2,732,540	\$ 2,903,771	\$ 171,231	6.27%
GS-NNG C&I Farm-Tap Class 3	\$ 780,571	\$ 812,439	\$ 31,868	4.08%
NNG C&I INT Class 2	\$ 6,431,619	\$ 6,697,714	\$ 266,095	4.14%
NNG C&I INT Class 3	\$ 9,770,948	\$ 10,132,316	\$ 361,368	3.70%
NNG Agriculture Grain Dryer - Class 1	\$ 713,545	\$ 757,515	\$ 43,970	6.16%
NNG Agriculture Grain Dryer - Class 2	\$ 2,651,811	\$ 2,741,883	\$ 90,072	3.40%
NNG Electric Generation - Class 1	\$ 98,081	\$ 103,033	\$ 4,952	5.05%
NNG C&I Firm/Interruptible Class 2	\$ 82,347	\$ 86,681	\$ 4,333	5.26%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	\$ 30,189,485	\$ 33,678,720	\$ 3,489,235	11.56%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 2,364,911	\$ 2,676,286	\$ 311,375	13.17%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 20,161,678	\$ 21,904,188	\$ 1,742,510	8.64%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 1,337,791	\$ 1,411,662	\$ 73,871	5.52%
CONSOLIDATED C&I INT Class 2	\$ 1,220,519	\$ 1,284,141	\$ 63,621	5.21%
CONSOLIDATED C&I INT Class 3	\$ 1,022,176	\$ 1,070,505	\$ 48,329	4.73%
CONSOLIDATED C&I INT Class 4	\$ 1,645,500	\$ 1,685,613	\$ 40,113	2.44%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 44,790	\$ 48,638	\$ 3,848	8.59%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 145,797	\$ 152,424	\$ 6,627	4.55%
CONSOLIDATED Electric Generation - Class 1	\$ 10,409	\$ 11,032	\$ 623	5.98%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 185,817	\$ 197,560	\$ 11,743	6.32%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	\$ 367,598	\$ 488,235	\$ 120,637	32.82%
Transport-NNG C&I FIRM Class 3	\$ 770,878	\$ 1,023,876	\$ 252,998	32.82%
Transport-NNG C&I FIRM Class 4	\$ 65,902	\$ 87,528	\$ 21,626	32.82%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 42,895	\$ 44,903	\$ 2,009	4.68%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 336,110	\$ 338,119	\$ 2,009	0.60%
Transport-NNG C&I INT Class 2	\$ 197,431	\$ 262,232	\$ 64,801	32.82%
Transport-NNG C&I INT Class 3	\$ 1,946,727	\$ 2,585,552	\$ 638,825	32.82%
Transport-NNG C&I INT Class 4	\$ 612,700	\$ 813,799	\$ 201,099	32.82%
Transport-NNG C&I INT Class 5	\$ 331,610	\$ 440,426	\$ 108,816	32.81%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,163,675	\$ 1,175,727	\$ 12,052	1.04%
Transport-NNG Electric Generation INT Class 2	\$ 50,593	\$ 67,194	\$ 16,602	32.81%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 17,348	\$ 19,357	\$ 2,009	11.58%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 61,154	\$ 81,225	\$ 20,071	32.82%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 950,538	\$ 1,262,470	\$ 311,932	32.82%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 231,033	\$ 306,851	\$ 75,818	32.82%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 151,318	\$ 200,972	\$ 49,654	32.81%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 314,812	\$ 324,855	\$ 10,043	3.19%
Transport for Resale	\$ 28,935	\$ 38,431	\$ 9,497	32.82%
LVJ-NNG Flex Transport (Cust "A")	\$ 217,865	\$ 219,185	\$ 1,319	0.61%
LVI-NNG Flex Transport (Cust "B")				
LVI-NNG Flex Transport (Cust "C")				
LVI-NNG Flex Transport (Cust "D")				
LVJ-NNG Flex Transport (Cust "E")				
LVJ-NNG Flex Transport (Cust "F")	\$ 188,538	\$ 196,096	\$ 7,558	4.01%
LVJ-NNG Flex Transport (Cust "G")	\$ 60,161	\$ 61,480	\$ 1,319	2.19%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 331,145	\$ 439,819	\$ 108,675	32.82%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 10,708	\$ 14,222	\$ 3,514	32.82%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 636,823	\$ 845,825	\$ 209,002	32.82%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 76,122	\$ 101,102	\$ 24,980	32.82%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 263,290	\$ 267,307	\$ 4,017	1.53%
Transport-CONSOLIDATED C&I INT Class 2	\$ 67,608	\$ 89,799	\$ 22,191	32.82%
Transport-CONSOLIDATED C&I INT Class 3	\$ 458,896	\$ 609,486	\$ 150,589	32.82%
Transport-CONSOLIDATED C&I INT Class 4	\$ 76,471	\$ 101,571	\$ 25,099	32.82%
Transport-CONSOLIDATED C&I INT Class 5	\$ 167,454	\$ 222,403	\$ 54,949	32.81%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 54,237	\$ 72,036	\$ 17,799	32.82%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 64,504	\$ 66,513	\$ 2,009	3.11%
Total NNG Sales Customers	\$ 338,340,024	\$ 366,968,500	\$ 28,628,476	8.46%
Total Consolidated Sales Customers	\$ 58,328,873	\$ 64,120,768	\$ 5,791,895	9.93%
TOTAL SALES CUSTOMERS	\$ 396,668,897	\$ 431,089,268	\$ 34,420,371	8.68%
Total NNG Transport Customers	\$ 8,107,819	\$ 10,038,513	\$ 1,930,693	23.81%
Total Consolidated Transport Customers	\$ 2,207,259	\$ 2,830,082	\$ 622,823	28.22%
TOTAL TRANSPORT CUSTOMERS	\$ 10,315,079	\$ 12,868,595	\$ 2,553,516	24.76%
Total NNG Customers	\$ 346,447,843	\$ 377,007,013	\$ 30,559,170	8.82%
Total Consolidated Customers	\$ 60,536,132	\$ 66,950,849	\$ 6,414,717	10.60%
TOTAL	\$ 406,983,976	\$ 443,957,863	\$ 36,973,887	9.08%

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED "INTERIM" RATES (EXCLUDING GAS COSTS)

MERC Customer Class	Units			Current Rates					Current Revenues					Total
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	
NNG SALES														
GS-NNG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	\$ 0.21733	\$ 0.02953		\$21,578,737	\$ -	\$ 34,884,870	\$ 4,740,028	\$ -	\$ 61,203,635
GS-NNG Residential Firm-Tap Sales	14,880	0	1,899,366	\$9.50	\$ -	\$ 0.21733	\$ 0.02953		\$141,360	\$ -	\$ 410,616	\$ 55,793	\$ -	\$ 607,769
GS-NNG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	\$ 0.19298	\$ 0.02953		\$1,628,974	\$ -	\$ 1,265,495	\$ 193,647	\$ -	\$ 3,088,117
GS-NNG C&I Farm-Tap Class 1	1,368	0	153,504	\$18.00	\$ -	\$ 0.19298	\$ 0.02953		\$24,624	\$ -	\$ 29,623	\$ 4,533	\$ -	\$ 58,780
GS-NNG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	\$ 0.13904	\$ 0.02953		\$5,468,346	\$ -	\$ 10,544,475	\$ 2,239,487	\$ -	\$ 18,252,308
GS-NNG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	\$ 0.09500	\$ 0.02953		\$101,963	\$ -	\$ 724,419	\$ 225,180	\$ -	\$ 1,051,563
GS-NNG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	\$ 0.13904	\$ 0.02953		\$113,940	\$ -	\$ 336,379	\$ 71,442	\$ -	\$ 521,761
GS-NNG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	\$ 0.09500	\$ 0.02953		\$3,960	\$ -	\$ 71,054	\$ 22,087	\$ -	\$ 97,100
NNG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953		\$83,322	\$ 521,892	\$ -	\$ 205,486	\$ -	\$ 810,700
NNG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953		\$86,633	\$ 697,640	\$ -	\$ 316,943	\$ -	\$ 1,101,217
NNG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953		\$41,040	\$ 71,749	\$ -	\$ 21,188	\$ -	\$ 133,977
NNG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953		\$34,560	\$ 152,955	\$ -	\$ 86,911	\$ -	\$ 274,426
NNG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953		\$4,860	\$ 7,192	\$ -	\$ 3,034	\$ -	\$ 15,086
NNG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953		\$540	\$ 2,067	\$ 8,069	\$ 2,528	\$ -	\$ 13,204
CONSOLIDATED SALES														
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	\$ 0.21733	\$ 0.02953		\$3,715,594	\$ -	\$ 6,088,505	\$ 827,284	\$ -	\$ 10,631,382
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	\$ 0.19298	\$ 0.02953		\$497,588	\$ -	\$ 391,262	\$ 59,871	\$ -	\$ 948,721
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,262,824	\$45.00	\$ -	\$ 0.13904	\$ 0.02953		\$1,725,321	\$ -	\$ 2,956,383	\$ 627,891	\$ -	\$ 5,309,595
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	\$ 0.09500	\$ 0.02953		\$26,707	\$ -	\$ 151,335	\$ 47,041	\$ -	\$ 225,083
CONSOLIDATED C&I INT Class 2	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.02953		\$21,791	\$ 123,439	\$ -	\$ 48,602	\$ -	\$ 193,832
CONSOLIDATED C&I INT Class 3	89	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.02953		\$14,894	\$ 91,165	\$ -	\$ 41,417	\$ -	\$ 147,276
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.02953		\$4,440	\$ 45,664	\$ -	\$ 72,111	\$ -	\$ 122,215
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.02953		\$4,860	\$ 5,300	\$ -	\$ 1,565	\$ -	\$ 11,726
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.02953		\$3,780	\$ 10,465	\$ -	\$ 5,946	\$ -	\$ 20,191
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.02953		\$540	\$ 955	\$ -	\$ 403	\$ -	\$ 1,898
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	\$ 0.13904	\$ 0.02953		\$2,160	\$ 8,110	\$ 18,407	\$ 7,103	\$ -	\$ 35,780
NNG TRANSPORT														
Transport-NNG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	\$ 0.13904	\$ 0.02953		\$74,633	\$ -	\$ 241,644	\$ 51,321	\$ -	\$ 367,598
Transport-NNG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	\$ 0.09500	\$ 0.02953		\$86,463	\$ -	\$ 522,119	\$ 162,297	\$ -	\$ 770,878
Transport-NNG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	\$ 0.02063	\$ 0.02953		\$3,885	\$ -	\$ 25,507	\$ 36,510	\$ -	\$ 65,902
Transport-NNG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	\$ 0.00533	\$ -		\$6,120	\$ -	\$ 36,775	\$ -	\$ -	\$ 42,895
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	\$ 0.00533	\$ -		\$6,120	\$ -	\$ 329,990	\$ -	\$ -	\$ 336,110
Transport-NNG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953		\$47,494	\$ 107,580	\$ -	\$ 42,358	\$ -	\$ 197,431
Transport-NNG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953		\$141,872	\$ 1,241,041	\$ -	\$ 563,814	\$ -	\$ 1,946,727
Transport-NNG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953		\$27,197	\$ 227,014	\$ -	\$ 358,488	\$ -	\$ 612,700
Transport-NNG C&I INT Class 5	48	9,030,592	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953		\$24,480	\$ 40,457	\$ -	\$ 266,673	\$ -	\$ 331,610
Transport-NNG C&I INT Class 5 - CIP Exempt	72	251,552,507	0	\$510.00	\$ 0.00448	\$ -	\$ -		\$36,720	\$ 1,126,955	\$ -	\$ -	\$ -	\$ 1,163,675
Transport-NNG Electric Generation INT Class 2	12	1,307,632	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953		\$6,120	\$ 5,858	\$ -	\$ 38,614	\$ -	\$ 50,593
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ -		\$6,120	\$ 11,228	\$ -	\$ -	\$ -	\$ 17,348
Transport-NNG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	\$ 0.13904	\$ 0.02953		\$13,570	\$ 22,694	\$ 13,160	\$ 11,730	\$ -	\$ 61,154
Transport-NNG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953		\$65,456	\$ 450,586	\$ 175,300	\$ 259,195	\$ -	\$ 950,538
Transport-NNG C&I Firm/Interruptible Class 4	23	1,172,836	3,323,294	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.02953		\$7,771	\$ 21,532	\$ 68,560	\$ 132,771	\$ -	\$ 231,033
Transport-NNG C&I Firm/Interruptible Class 5	12	4,062,242	182,482	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.02953		\$6,120	\$ 18,288	\$ 973	\$ 125,837	\$ -	\$ 151,318
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	\$ 0.00533	\$ -		\$30,600	\$ 149,361	\$ 134,851	\$ -	\$ -	\$ 314,812
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.02953		\$3,885	\$ 15,334	\$ -	\$ 9,715	\$ -	\$ 28,935
LVI-NNG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	\$ 0.02063	\$ 0.02953		\$4,020	\$ 6,192	\$ 68,694	\$ 138,960	\$ -	\$ 217,865
LVI-NNG Flex Transport (Cust "B")														
LVI-NNG Flex Transport (Cust "C")														
LVI-NNG Flex Transport (Cust "D")														
LVI-NNG Flex Transport (Cust "E")														
LVI-NNG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.02953	\$	8,460	\$ 7,454	\$ 56,784	\$ 115,839	\$ -	\$ 188,538
LVI-NNG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.02953		\$4,020	\$ 1,414	\$ 17,815	\$ 36,911	\$ -	\$ 60,161
CONSOLIDATED TRANSPORT														
Transport-CONSOLIDATED C&I FIRM Class 2	396	0	1,506,042	\$195.00	\$ -	\$ 0.13904	\$ 0.02953		\$77,271	\$ -	\$ 209,400	\$ 44,473	\$ -	\$ 331,145
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	12	0	60,185	\$195.00	\$ -	\$ 0.13904	\$ -		\$2,340	\$ -	\$ 8,368	\$ -	\$ -	\$ 10,708
Transport-CONSOLIDATED C&I FIRM Class 3	195	0	4,619,969	\$315.00	\$ -	\$ 0.09500	\$ 0.02953		\$61,498	\$ -	\$ 438,897	\$ 136,428	\$ -	\$ 636,823
Transport-CONSOLIDATED C&I FIRM Class 4	12	0	1,440,128	\$335.00	\$ -	\$ 0.02063	\$ 0.02953		\$3,885	\$ -	\$ 29,710	\$ 42,527	\$ -	\$ 76,122
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	24	0	47,101,307	\$510.00	\$ -	\$ 0.00533	\$ -		\$12,240	\$ -	\$ 251,050	\$ -	\$ -	\$ 263,290
Transport-CONSOLIDATED C&I INT Class 2	81	495,330	0	\$195.00	\$ 0.07500	\$ -	\$ 0.02953		\$15,831	\$ 37,150	\$ -	\$ 14,627	\$ -	\$ 67,608
Transport-CONSOLIDATED C&I INT Class 3	162	4,313,439	0	\$315.00	\$ 0.06500	\$ -	\$ 0.02953		\$51,147	\$ 280,374	\$ -	\$ 127,376	\$ -	\$ 458,896
Transport-CONSOLIDATED C&I INT Class 4	12	1,505,000	0	\$335.00	\$ 0.01870	\$ -	\$ 0.02953		\$3,885	\$ 28,144	\$ -	\$ 44,443	\$ -	\$ 76,471
Transport-CONSOLIDATED C&I INT Class 5	12	4,743,731	0	\$510.00	\$ 0.00448	\$ -	\$ 0.02953		\$6,120	\$ 21,252	\$ -	\$ 140,082	\$ -	\$ 167,454
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	23	387,512	82,701	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.02953		\$7,307	\$ 25,198	\$ 7,857	\$ 13,885	\$ -	\$ 54,237
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	12	6,688,246	5,332,289	\$510.00	\$ 0.00448	\$ 0.00533	\$ -		\$6,120	\$ 29,963	\$ 28,421	\$ -	\$ -	\$ 64,504
									\$36,189,103	\$5,614,054	\$60,546,765	\$12,842,498	\$0	\$115,192,419

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED "INTERIM" RATES (EXCLUDING GAS COSTS)

MERC Customer Class	Proposed Rates				Cost of Gas	Proposed Revenues				Total	Percentage Increase/(Decrease) of Revenues						
	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC		Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC		Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total
NNG SALES																	
GS-NNG Residential Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929		\$28,660,879	\$ -	\$ 47,928,373	\$ 4,701,504	\$ -	\$ 81,290,756	32.82%				32.82%	
GS-NNG Residential Firm-Tap Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929		\$187,754	\$ -	\$ 564,146	\$ 55,340	\$ -	\$ 807,240	32.82%				32.82%	
GS-NNG C&I FIRM Class 1	\$23.91	\$ -	\$ 0.26625	\$ 0.02929		\$2,163,604	\$ -	\$ 1,745,974	\$ 192,074	\$ -	\$ 4,101,651	32.82%				32.82%	
GS-NNG C&I Farm-Tap Class 1	\$23.91	\$ -	\$ 0.26625	\$ 0.02929		\$32,706	\$ -	\$ 40,870	\$ 4,496	\$ -	\$ 78,072	32.82%				32.82%	
GS-NNG C&I FIRM Class 2	\$59.77	\$ -	\$ 0.19460	\$ 0.02929		\$7,263,057	\$ -	\$ 14,758,018	\$ 2,221,286	\$ -	\$ 24,242,361	32.82%				32.82%	
GS-NNG C&I FIRM Class 3	\$219.15	\$ -	\$ 0.13611	\$ 0.02929		\$135,427	\$ -	\$ 1,037,902	\$ 223,350	\$ -	\$ 1,396,680	32.82%				32.82%	
GS-NNG C&I Farm-Tap Class 2	\$59.77	\$ -	\$ 0.19460	\$ 0.02929		\$151,335	\$ -	\$ 470,795	\$ 70,861	\$ -	\$ 692,992	32.82%				32.82%	
GS-NNG C&I Farm-Tap Class 3	\$219.15	\$ -	\$ 0.13611	\$ 0.02929		\$5,260	\$ -	\$ 101,802	\$ 21,907	\$ -	\$ 128,968	32.82%				32.82%	
NNG C&I INT Class 2	\$59.77	\$ 0.10955	\$ -	\$ 0.02929		\$110,668	\$ 762,311	\$ -	\$ 203,816	\$ -	\$ 1,076,795	32.82%	46.07%			32.82%	
NNG C&I INT Class 3	\$219.15	\$ 0.09626	\$ -	\$ 0.02929		\$115,067	\$ 1,033,151	\$ -	\$ 314,367	\$ -	\$ 1,462,585	32.82%	48.09%			32.82%	
NNG Agriculture Grain Dryer - Class 1	\$59.77	\$ 0.14275	\$ -	\$ 0.02929		\$54,509	\$ 102,422	\$ -	\$ 21,015	\$ -	\$ 177,947	32.82%	42.75%			32.82%	
NNG Agriculture Grain Dryer - Class 2	\$59.77	\$ 0.07896	\$ -	\$ 0.02929		\$45,903	\$ 232,391	\$ -	\$ 86,205	\$ -	\$ 364,498	32.82%	51.93%			32.82%	
NNG Electric Generation - Class 1	\$59.77	\$ 0.10291	\$ -	\$ 0.02929		\$6,455	\$ 10,574	\$ -	\$ 3,009	\$ -	\$ 20,038	32.82%	47.01%			32.82%	
NNG C&I Firm/Interruptible Class 2	\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929		\$717	\$ 3,020	\$ 11,293	\$ 2,507	\$ -	\$ 17,537	32.82%	46.07%	39.96%		32.82%	
CONSOLIDATED SALES																	
GS-CONSOLIDATED Residential Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929		\$4,935,051	\$ -	\$ 8,365,005	\$ 820,560	\$ -	\$ 14,120,617	32.82%				32.82%	
GS-CONSOLIDATED C&I FIRM Class 1	\$23.91	\$ -	\$ 0.26625	\$ 0.02929		\$660,897	\$ -	\$ 539,815	\$ 59,385	\$ -	\$ 1,260,096	32.82%				32.82%	
GS-CONSOLIDATED C&I FIRM Class 2	\$59.77	\$ -	\$ 0.19460	\$ 0.02929		\$2,291,571	\$ -	\$ 4,137,746	\$ 622,788	\$ -	\$ 7,052,105	32.82%				32.82%	
GS-CONSOLIDATED C&I FIRM Class 3	\$219.15	\$ -	\$ 0.13611	\$ 0.02929		\$35,472	\$ -	\$ 216,823	\$ 46,659	\$ -	\$ 298,953	32.82%				32.82%	
CONSOLIDATED C&I INT Class 2	\$59.77	\$ 0.10955	\$ -	\$ 0.02929		\$28,942	\$ 180,304	\$ -	\$ 48,207	\$ -	\$ 257,453	32.82%	46.07%			32.82%	
CONSOLIDATED C&I INT Class 3	\$219.15	\$ 0.09626	\$ -	\$ 0.02929		\$19,517	\$ 135,008	\$ -	\$ 41,080	\$ -	\$ 195,605	32.82%	48.09%			32.82%	
CONSOLIDATED C&I INT Class 4	\$245.72	\$ 0.03477	\$ -	\$ 0.02929		\$5,897	\$ 84,908	\$ -	\$ 71,825	\$ -	\$ 162,328	32.82%	85.94%			32.82%	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$59.77	\$ 0.14275	\$ -	\$ 0.02929		\$6,455	\$ 7,566	\$ -	\$ 1,553	\$ -	\$ 15,574	32.82%	42.75%			32.82%	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$59.77	\$ 0.07896	\$ -	\$ 0.02929		\$5,021	\$ 15,899	\$ -	\$ 5,898	\$ -	\$ 26,817	32.82%	51.93%			32.82%	
CONSOLIDATED Electric Generation - Class 1	\$59.77	\$ 0.10291	\$ -	\$ 0.02929		\$717	\$ 1,404	\$ -	\$ 400	\$ -	\$ 2,521	32.82%	47.01%			32.82%	
CONSOLIDATED C&I Firm/Interruptible Class 2	\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929		\$2,869	\$ 11,846	\$ 25,763	\$ 7,045	\$ -	\$ 47,523	32.82%	46.07%	39.96%		32.82%	
NNG TRANSPORT																	
Transport-NNG C&I FIRM Class 2	\$259.00	\$ -	\$ 0.19460	\$ 0.02929		\$99,127	\$ -	\$ 338,204	\$ 50,904	\$ -	\$ 488,235	32.82%		39.96%		32.82%	
Transport-NNG C&I FIRM Class 3	\$418.38	\$ -	\$ 0.13611	\$ 0.02929		\$114,840	\$ -	\$ 748,059	\$ 160,978	\$ -	\$ 1,023,876	32.82%		43.27%		32.82%	
Transport-NNG C&I FIRM Class 4	\$444.95	\$ -	\$ 0.03733	\$ 0.02929		\$5,160	\$ -	\$ 46,154	\$ 36,214	\$ -	\$ 87,528	32.82%		80.95%		32.82%	
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$677.38	\$ -	\$ 0.00533	\$ -		\$8,129	\$ -	\$ 36,775	\$ -	\$ -	\$ 44,903	32.82%		0.00%		4.68%	
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$677.38	\$ -	\$ 0.00533	\$ -		\$8,129	\$ -	\$ 329,990	\$ -	\$ -	\$ 338,119	32.82%		0.00%		0.60%	
Transport-NNG C&I INT Class 2	\$259.00	\$ 0.10955	\$ -	\$ 0.02929		\$63,081	\$ 157,138	\$ -	\$ 42,013	\$ -	\$ 262,232	32.82%	46.07%			32.82%	
Transport-NNG C&I INT Class 3	\$418.38	\$ 0.09626	\$ -	\$ 0.02929		\$188,434	\$ 1,837,886	\$ -	\$ 559,232	\$ -	\$ 2,585,552	32.82%	48.09%			32.82%	
Transport-NNG C&I INT Class 4	\$444.95	\$ 0.03477	\$ -	\$ 0.02929		\$36,123	\$ 422,101	\$ -	\$ 355,575	\$ -	\$ 813,799	32.82%	85.94%			32.82%	
Transport-NNG C&I INT Class 5	\$677.38	\$ 0.01588	\$ -	\$ 0.02929		\$32,514	\$ 143,406	\$ -	\$ 264,506	\$ -	\$ 440,426	32.82%	254.46%			32.81%	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$677.38	\$ 0.00448	\$ -	\$ -		\$48,772	\$ 1,126,955	\$ -	\$ -	\$ -	\$ 1,175,727	32.82%	0.00%			1.04%	
Transport-NNG Electric Generation INT Class 2	\$677.38	\$ 0.01588	\$ -	\$ 0.02929		\$8,129	\$ 20,765	\$ -	\$ 38,301	\$ -	\$ 67,194	32.82%	254.46%			32.81%	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$677.38	\$ 0.00448	\$ -	\$ -		\$8,129	\$ 11,228	\$ -	\$ -	\$ -	\$ 19,357	32.82%	0.00%			11.58%	
Transport-NNG C&I Firm/Interruptible Class 2	\$259.00	\$ 0.10955	\$ 0.19460	\$ 0.02929		\$18,023	\$ 33,148	\$ 18,419	\$ 11,635	\$ -	\$ 81,225	32.82%	46.07%	39.96%		32.82%	
Transport-NNG C&I Firm/Interruptible Class 3	\$418.38	\$ 0.09626	\$ 0.13611	\$ 0.02929		\$86,938	\$ 667,284	\$ 251,159	\$ 257,089	\$ -	\$ 1,262,470	32.82%	48.09%	43.27%		32.82%	
Transport-NNG C&I Firm/Interruptible Class 4	\$444.95	\$ 0.03477	\$ 0.03733	\$ 0.02929		\$10,321	\$ 40,780	\$ 124,059	\$ 131,682	\$ -	\$ 306,851	32.82%	85.94%	80.95%		32.82%	
Transport-NNG C&I Firm/Interruptible Class 5	\$677.38	\$ 0.01588	\$ 0.01701	\$ 0.02929		\$8,129	\$ 64,826	\$ 3,104	\$ 124,914	\$ -	\$ 200,972	32.82%	254.46%	219.14%		32.81%	
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$677.38	\$ 0.00448	\$ 0.00533	\$ -		\$40,643	\$ 149,361	\$ 134,851	\$ -	\$ -	\$ 324,855	32.82%	0.00%	0.00%		3.19%	
Transport for Resale	\$444.95	\$ 0.07184	\$ -	\$ 0.02929		\$5,160	\$ 23,635	\$ -	\$ 9,636	\$ -	\$ 38,431	32.82%	54.13%			32.82%	
LVI-NNG Flex Transport (Cust "A")	\$444.95	\$ 0.00474	\$ 0.02087	\$ 0.02929		\$5,339	\$ 6,522	\$ 69,493	\$ 137,831	\$ -	\$ 219,185	32.82%	5.33%	1.16%		0.61%	
LVI-NNG Flex Transport (Cust "B")																	
LVI-NNG Flex Transport (Cust "C")																	
LVI-NNG Flex Transport (Cust "D")																	
LVI-NNG Flex Transport (Cust "E")																	
LVI-NNG Flex Transport (Cust "F")	\$444.95	\$ 0.00661	\$ 0.02087	\$ 0.02929		\$16,018	\$ 7,735	\$ 57,445	\$ 114,897	\$ -	\$ 196,096	89.34%	3.77%	1.16%		4.01%	
LVI-NNG Flex Transport (Cust "G")	\$444.95	\$ 0.00390	\$ 0.02087	\$ 0.02929		\$5,339	\$ 1,507	\$ 18,022	\$ 36,811	\$ -	\$ 61,480	32.82%	6.56%	1.16%		2.19%	
CONSOLIDATED TRANSPORT																	
Transport-CONSOLIDATED C&I FIRM Class 2	\$259.00	\$ -	\$ 0.19460	\$ 0.02929		\$102,632	\$ -	\$ 293,076	\$ 44,112	\$ -	\$ 439,819	32.82%		39.96%		32.82%	
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$259.00	\$ -	\$ 0.18467	\$ -		\$3,108	\$ -	\$ 11,114	\$ -	\$ -	\$ 14,222	32.82%				32.82%	
Transport-CONSOLIDATED C&I FIRM Class 3	\$418.38	\$ -	\$ 0.13611	\$ 0.02929		\$81,682	\$ -	\$ 628,824	\$ 135,319	\$ -	\$ 845,825	32.82%		43.27%		32.82%	
Transport-CONSOLIDATED C&I FIRM Class 4	\$444.95	\$ -	\$ 0.03733	\$ 0.02929		\$5,160	\$ -	\$ 53,780	\$ 42,181	\$ -	\$ 101,102	32.82%		80.95%		32.82%	
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$677.38	\$ -	\$ 0.00533	\$ -		\$16,257	\$ -	\$ 251,050	\$ -	\$ -	\$ 267,307	32.82%		0.00%		1.53%	
Transport-CONSOLIDATED C&I INT Class 2	\$259.00	\$ 0.10955	\$ -	\$ 0.02929		\$21,027	\$ 54,263	\$ -	\$ 14,508	\$ -	\$ 89,799	32.82%	46.07%			32.82%	
Transport-CONSOLIDATED C&I INT Class 3	\$418.38	\$ 0.09626	\$ -	\$ 0.02929		\$67,933	\$ 415,212	\$ -	\$ 126,341	\$ -	\$ 609,486	32.82%	48.09%			32.82%	
Transport-CONSOLIDATED C&I INT Class 4	\$444.95	\$ 0.03477	\$ -	\$ 0.02929		\$5,160	\$ 52,329	\$ -	\$ 44,081	\$ -	\$ 101,571	32.82%	85.94%			32.82%	
Transport-CONSOLIDATED C&I INT Class 5	\$677.38	\$ 0.01588	\$ -	\$ 0.02929		\$8,129	\$ 75,330	\$ -	\$ 138,944	\$ -	\$ 222,403	32.82%	254.46%			32.81%	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$418.38	\$ 0.09626	\$ 0.13611	\$ 0.02929		\$9,705	\$ 37,302	\$ 11,256	\$ 13,773	\$ -	\$ 72,036	32.82%	48.09%	43.27%		32.82%	
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$677.38	\$ 0.00448	\$ 0.00533	\$ -		\$8,129	\$ 29,963	\$ 28,421	\$ -	\$ -	\$ 66,513	32.82%	0.00%	0.00%		3.11%	
						\$48,071,148	\$7,959,477	\$83,397,559	\$12,738,122	\$0	\$152,166,306	32.83%	41.78%	37.74%	-0.81%	#DIV/0!	32.10%

**MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED **INTERIM** RATES (EXCLUDING GAS COSTS)**

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	\$ 61,203,635	\$ 81,290,756	\$ 20,087,121	32.82%
GS-NNG Residential Farm-Tap Sales	\$ 607,769	\$ 807,240	\$ 199,471	32.82%
GS-NNG C&I FIRM Class 1	\$ 3,088,117	\$ 4,101,651	\$ 1,013,534	32.82%
GS-NNG C&I Farm-Tap Class 1	\$ 58,780	\$ 78,072	\$ 19,292	32.82%
GS-NNG C&I FIRM Class 2	\$ 18,252,308	\$ 24,242,361	\$ 5,990,053	32.82%
GS-NNG C&I FIRM Class 3	\$ 1,051,563	\$ 1,396,680	\$ 345,117	32.82%
GS-NNG C&I Farm-Tap Class 2	\$ 521,761	\$ 692,992	\$ 171,231	32.82%
GS-NNG C&I Farm-Tap Class 3	\$ 97,100	\$ 128,968	\$ 31,868	32.82%
NNG C&I INT Class 2	\$ 810,700	\$ 1,076,795	\$ 266,095	32.82%
NNG C&I INT Class 3	\$ 1,101,217	\$ 1,462,585	\$ 361,368	32.82%
NNG Agriculture Grain Dryer - Class 1	\$ 133,977	\$ 177,947	\$ 43,970	32.82%
NNG Agriculture Grain Dryer - Class 2	\$ 274,426	\$ 364,498	\$ 90,072	32.82%
NNG Electric Generation - Class 1	\$ 15,086	\$ 20,038	\$ 4,952	32.82%
NNG C&I Firm/Interruptible Class 2	\$ 13,204	\$ 17,537	\$ 4,333	32.82%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	\$ 10,631,382	\$ 14,120,617	\$ 3,489,235	32.82%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 948,721	\$ 1,260,096	\$ 311,375	32.82%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 5,309,595	\$ 7,052,105	\$ 1,742,510	32.82%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 225,083	\$ 298,953	\$ 73,871	32.82%
CONSOLIDATED C&I INT Class 2	\$ 193,832	\$ 257,453	\$ 63,621	32.82%
CONSOLIDATED C&I INT Class 3	\$ 147,276	\$ 195,605	\$ 48,329	32.82%
CONSOLIDATED C&I INT Class 4	\$ 122,215	\$ 162,328	\$ 40,113	32.82%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 11,726	\$ 15,574	\$ 3,848	32.82%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 20,191	\$ 26,817	\$ 6,627	32.82%
CONSOLIDATED Electric Generation - Class 1	\$ 1,898	\$ 2,521	\$ 623	32.82%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 35,780	\$ 47,523	\$ 11,743	32.82%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	\$ 367,598	\$ 488,235	\$ 120,637	32.82%
Transport-NNG C&I FIRM Class 3	\$ 770,878	\$ 1,023,876	\$ 252,998	32.82%
Transport-NNG C&I FIRM Class 4	\$ 65,902	\$ 87,528	\$ 21,626	32.82%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 42,895	\$ 44,903	\$ 2,009	4.68%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 336,110	\$ 338,119	\$ 2,009	0.60%
Transport-NNG C&I INT Class 2	\$ 197,431	\$ 262,232	\$ 64,801	32.82%
Transport-NNG C&I INT Class 3	\$ 1,946,727	\$ 2,585,552	\$ 638,825	32.82%
Transport-NNG C&I INT Class 4	\$ 612,700	\$ 813,799	\$ 201,099	32.82%
Transport-NNG C&I INT Class 5	\$ 331,610	\$ 440,426	\$ 108,816	32.81%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,163,675	\$ 1,175,727	\$ 12,052	1.04%
Transport-NNG Electric Generation INT Class 2	\$ 50,593	\$ 67,194	\$ 16,602	32.81%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 17,348	\$ 19,357	\$ 2,009	11.58%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 61,154	\$ 81,225	\$ 20,071	32.82%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 950,538	\$ 1,262,470	\$ 311,932	32.82%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 231,033	\$ 306,851	\$ 75,818	32.82%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 151,318	\$ 200,972	\$ 49,654	32.81%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 314,812	\$ 324,855	\$ 10,043	3.19%
Transport for Resale	\$ 28,935	\$ 38,431	\$ 9,497	32.82%
LVJ-NNG Flex Transport (Cust "A")	\$ 217,865	\$ 219,185	\$ 1,319	0.61%
LVJ-NNG Flex Transport (Cust "B")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "C")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "D")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "E")	\$ -	\$ -	\$ -	-
LVJ-NNG Flex Transport (Cust "F")	\$ 188,538	\$ 196,096	\$ 7,558	4.01%
LVJ-NNG Flex Transport (Cust "G")	\$ 60,161	\$ 61,480	\$ 1,319	2.19%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 331,145	\$ 439,819	\$ 108,675	32.82%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 10,708	\$ 14,222	\$ 3,514	32.82%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 636,823	\$ 845,825	\$ 209,002	32.82%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 76,122	\$ 101,102	\$ 24,980	32.82%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 263,290	\$ 267,307	\$ 4,017	1.53%
Transport-CONSOLIDATED C&I INT Class 2	\$ 67,608	\$ 89,799	\$ 22,191	32.82%
Transport-CONSOLIDATED C&I INT Class 3	\$ 458,896	\$ 609,486	\$ 150,589	32.82%
Transport-CONSOLIDATED C&I INT Class 4	\$ 76,471	\$ 101,571	\$ 25,099	32.82%
Transport-CONSOLIDATED C&I INT Class 5	\$ 167,454	\$ 222,403	\$ 54,949	32.81%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 54,237	\$ 72,036	\$ 17,799	32.82%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 64,504	\$ 66,513	\$ 2,009	3.11%
Total NNG Sales Customers	\$ 87,229,643	\$ 115,858,120	\$ 28,628,476	32.82%
Total Consolidated Sales Customers	\$ 17,647,698	\$ 23,439,592	\$ 5,791,895	32.82%
TOTAL SALES CUSTOMERS	\$ 104,877,341	\$ 139,297,712	\$ 34,420,371	32.82%
Total NNG Transport Customers	\$ 8,107,819	\$ 10,038,513	\$ 1,930,693	23.81%
Total Consolidated Transport Customers	\$ 2,207,259	\$ 2,830,082	\$ 622,823	28.22%
TOTAL TRANSPORT CUSTOMERS	\$ 10,315,079	\$ 12,868,595	\$ 2,553,516	24.76%
Total NNG Customers	\$ 95,337,463	\$ 125,896,633	\$ 30,559,170	32.05%
Total Consolidated Customers	\$ 19,854,957	\$ 26,269,674	\$ 6,414,717	32.31%
TOTAL	\$ 115,192,419	\$ 152,166,306	\$ 36,973,887	32.10%

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED **INTERIM RATES**
**** INCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES ****

MERC Customer Class	Units			Current Rates							Current Revenues							Total
	Customer Counts	Interr. Annual Therms	Firm Annual Therms	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	GUIC	NGEP	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	GUIC	NGEP	CCRC	Cost of Gas	
NGG SALES																		
GS-NGG Residential Sales	2,271,446	0	160,515,667	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.91381	\$ 21,578,737	\$ -	\$ -	\$ 3,328,600	\$ 770,364	\$ 4,740,028	\$ 146,687,665	\$ 211,990,264
GS-NGG Residential Farm-Tap Sales	14,880	0	1,889,366	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.91381	\$ 141,360	\$ -	\$ 410,616	\$ 39,185	\$ 9,069	\$ 55,793	\$ 1,726,521	\$ 2,382,545
GS-NGG C&I FIRM Class 1	90,499	0	6,557,648	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 1,628,974	\$ -	\$ 1,265,495	\$ 70,560	\$ 18,099	\$ 193,647	\$ 5,992,444	\$ 9,169,220
GS-NGG C&I Farm-Tap Class 1	1,368	0	153,504	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 24,624	\$ -	\$ 29,623	\$ 1,652	\$ 424	\$ 4,533	\$ 140,273	\$ 201,129
GS-NGG C&I FIRM Class 2	121,519	0	75,837,707	\$45.00	\$ -	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 5,468,346	\$ -	\$ 10,544,475	\$ 816,014	\$ 209,512	\$ 2,239,487	\$ 69,301,255	\$ 88,578,989
GS-NGG C&I FIRM Class 3	618	0	7,625,468	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.91381	\$ 101,363	\$ -	\$ 724,419	\$ 35,611	\$ 2,869	\$ 225,180	\$ 6,968,229	\$ 8,058,072
GS-NGG C&I Farm-Tap Class 2	2,532	0	2,419,298	\$45.00	\$ -	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.91381	\$ 113,940	\$ -	\$ 336,379	\$ 26,032	\$ 6,777	\$ 71,442	\$ 2,210,779	\$ 2,765,249
GS-NGG C&I Farm-Tap Class 3	24	0	747,936	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.91381	\$ 3,960	\$ -	\$ 71,054	\$ 3,493	\$ 262	\$ 22,087	\$ 683,471	\$ 784,326
NGG C&I INT Class 2	1,852	6,958,564	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 83,322	\$ 521,892	\$ -	\$ 74,874	\$ 19,206	\$ 205,486	\$ 5,620,919	\$ 6,525,699
NGG C&I INT Class 3	525	10,732,921	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.80777	\$ 86,633	\$ 697,640	\$ -	\$ 50,123	\$ 3,757	\$ 316,943	\$ 8,669,731	\$ 9,824,827
NGG Agriculture Grain Dryer - Class 1	912	717,492	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 61,400	\$ -	\$ 7,720	\$ 1,980	\$ 21,188	\$ 579,568	\$ 723,246	
NGG Agriculture Grain Dryer - Class 2	768	2,943,146	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 34,560	\$ 152,955	\$ -	\$ 31,668	\$ 8,123	\$ 86,911	\$ 2,377,385	\$ 2,691,603
NGG Electric Generation - Class 1	108	102,746	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 4,860	\$ -	\$ 1,106	\$ 1,106	\$ 284	\$ 3,034	\$ 82,995	\$ 99,470
NGG C&I Firm/Interruptible Class 2	12	27,566	58,032	\$45.00	\$ 0.07500	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.80777	\$ 540	\$ 2,067	\$ 8,069	\$ 921	\$ 236	\$ 2,528	\$ 69,143	\$ 83,505
CONSOLIDATED SALES																		
GS-CONSOLIDATED Residential Sales	391,115	0	28,015,021	\$9.50	\$ -	\$ 0.21733	\$ 0.02074	\$ 0.00480	\$ 0.02953	\$ 0.69850	\$ 3,715,594	\$ -	\$ 6,088,505	\$ 581,032	\$ 134,472	\$ 827,284	\$ 19,558,103	\$ 30,904,988
GS-CONSOLIDATED C&I FIRM Class 1	27,644	0	2,027,473	\$18.00	\$ -	\$ 0.19298	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.69850	\$ 497,588	\$ -	\$ 391,262	\$ 21,816	\$ 5,596	\$ 59,871	\$ 1,416,190	\$ 2,392,323
GS-CONSOLIDATED C&I FIRM Class 2	38,340	0	21,262,824	\$45.00	\$ -	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.69850	\$ 1,725,321	\$ -	\$ 2,956,383	\$ 228,788	\$ 58,685	\$ 627,891	\$ 14,852,083	\$ 20,449,151
GS-CONSOLIDATED C&I FIRM Class 3	162	0	1,592,997	\$165.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.69850	\$ 26,707	\$ -	\$ 151,335	\$ 7,439	\$ 558	\$ 47,041	\$ 1,112,708	\$ 1,345,788
CONSOLIDATED C&I INT Class 1	484	1,645,860	0	\$45.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 21,791	\$ 123,439	\$ -	\$ 17,709	\$ 4,543	\$ 48,061	\$ 1,026,687	\$ 1,242,771
CONSOLIDATED C&I INT Class 3	89	1,402,534	0	\$165.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.62380	\$ 14,694	\$ 91,165	\$ -	\$ 6,550	\$ 491	\$ 41,417	\$ 874,901	\$ 1,029,217
CONSOLIDATED C&I INT Class 4	24	2,441,944	0	\$185.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ 0.62380	\$ 4,440	\$ 45,664	\$ -	\$ 11,404	\$ 855	\$ 72,111	\$ 1,523,285	\$ 1,657,798
CONSOLIDATED Agriculture Grain Dryer - Class 1	108	53,005	0	\$45.00	\$ 0.10000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 4,860	\$ 5,300	\$ -	\$ 5,770	\$ 146	\$ 1,565	\$ 33,064	\$ 45,507
CONSOLIDATED Agriculture Grain Dryer - Class 2	84	201,357	0	\$45.00	\$ 0.05197	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 3,780	\$ 10,465	\$ -	\$ 2,167	\$ 556	\$ 5,946	\$ 125,606	\$ 148,519
CONSOLIDATED Electric Generation - Class 1	12	13,644	0	\$45.00	\$ 0.07000	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 540	\$ 955	\$ -	\$ 147	\$ 38	\$ 403	\$ 8,511	\$ 10,594
CONSOLIDATED C&I Firm/Interruptible Class 2	48	108,133	132,388	\$45.00	\$ 0.07500	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ 0.62380	\$ 2,160	\$ 8,110	\$ 18,407	\$ 2,588	\$ 664	\$ 7,103	\$ 150,037	\$ 189,069
NGG TRANSPORT																		
Transport-NGG C&I FIRM Class 2	383	0	1,737,943	\$195.00	\$ -	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 74,633	\$ -	\$ 241,644	\$ 18,700	\$ 4,797	\$ 51,321	\$ -	\$ 391,095
Transport-NGG C&I FIRM Class 3	274	0	5,495,990	\$315.00	\$ -	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 86,463	\$ -	\$ 522,119	\$ 25,666	\$ 1,924	\$ 162,297	\$ -	\$ 798,468
Transport-NGG C&I FIRM Class 4	12	0	1,236,385	\$335.00	\$ -	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ -	\$ 25,507	\$ 5,774	\$ 433	\$ 36,510	\$ -	\$ 72,109
Transport-NGG C&I FIRM Class 5 - CIP Exempt	12	0	6,899,557	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ -	\$ 36,775	\$ 12,074	\$ 2,415	\$ -	\$ -	\$ 57,384
Transport-NGG Electric Generation FIRM Class 2 - CIP Exempt	12	0	61,911,844	\$510.00	\$ -	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ -	\$ 329,990	\$ 108,346	\$ 21,669	\$ -	\$ -	\$ 466,125
Transport-NGG C&I INT Class 2	244	1,434,393	0	\$195.00	\$ 0.07500	\$ -	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 47,494	\$ 107,580	\$ -	\$ 15,434	\$ 3,959	\$ 42,358	\$ -	\$ 216,824
Transport-NGG C&I INT Class 3	450	19,092,932	0	\$315.00	\$ 0.06500	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 141,972	\$ 1,241,041	\$ -	\$ 89,164	\$ 6,883	\$ 563,814	\$ -	\$ 2,042,573
Transport-NGG C&I INT Class 4	81	12,139,803	0	\$335.00	\$ 0.01870	\$ -	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 27,197	\$ 227,014	\$ -	\$ 56,693	\$ 4,249	\$ 358,488	\$ -	\$ 673,642
Transport-NGG C&I INT Class 5	48	9,030,932	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 24,480	\$ 40,457	\$ -	\$ 15,804	\$ 3,161	\$ 266,673	\$ -	\$ 350,575
Transport-NGG C&I INT Class 5 - CIP Exempt	72	251,552,507	0	\$510.00	\$ 0.00448	\$ -	\$ -	\$ 0.00035	\$ -	\$ -	\$ 36,720	\$ 1,126,955	\$ -	\$ -	\$ 88,043	\$ -	\$ -	\$ 1,251,719
Transport-NGG Electric Generation INT Class 2	12	1,307,532	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 5,858	\$ -	\$ 2,288	\$ 458	\$ 38,614	\$ -	\$ 53,339
Transport-NGG Electric Generation INT Class 2 - CIP Exempt	12	2,506,299	0	\$510.00	\$ 0.00448	\$ -	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 6,120	\$ 11,228	\$ -	\$ 4,386	\$ 877	\$ -	\$ -	\$ 22,611
Transport-NGG C&I Firm/Interruptible Class 2	70	302,584	94,649	\$195.00	\$ 0.07500	\$ 0.19304	\$ 0.01076	\$ 0.00276	\$ 0.02953	\$ -	\$ 13,570	\$ 22,694	\$ 13,160	\$ 4,274	\$ 1,096	\$ 11,730	\$ -	\$ 66,524
Transport-NGG C&I Firm/Interruptible Class 3	208	6,932,097	1,845,264	\$315.00	\$ 0.06500	\$ 0.09500	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 85,456	\$ 450,586	\$ 175,300	\$ 40,990	\$ 3,072	\$ 259,195	\$ -	\$ 994,600
Transport-NGG C&I Firm/Interruptible Class 4	23	1,172,936	3,323,294	\$335.00	\$ 0.01870	\$ 0.02063	\$ 0.00467	\$ 0.00035	\$ 0.02953	\$ -	\$ 7,771	\$ 21,532	\$ 66,560	\$ 20,997	\$ 1,574	\$ 132,771	\$ -	\$ 253,604
Transport-NGG C&I Firm/Interruptible Class 5	12	4,082,242	182,482	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 6,120	\$ 18,288	\$ 973	\$ 7,463	\$ 1,493	\$ 125,937	\$ -	\$ 160,274
Transport-NGG C&I Firm/Interruptible Class 5 - CIP Exempt	60	33,339,416	25,300,436	\$510.00	\$ 0.00448	\$ 0.00533	\$ 0.00175	\$ 0.00035	\$ -	\$ -	\$ 30,600	\$ 149,361	\$ 134,851	\$ 102,620	\$ 20,524	\$ -	\$ -	\$ 437,956
Transport for Resale	12	328,989	0	\$335.00	\$ 0.04661	\$ -	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 3,885	\$ 15,334	\$ -	\$ 576	\$ 115	\$ 9,715	\$ -	\$ 29,625
LVI-NGG Flex Transport (Cust "A")	12	1,375,934	3,329,793	\$335.00	\$ 0.00450	\$ 0.02063	\$ -	\$ 0.00035	\$ 0.02953	\$ -	\$ 4,020	\$ 6,192	\$ 68,694	\$ -	\$ 1,847	\$ 138,960	\$ -	\$ 219,512
LVI-NGG Flex Transport (Cust "B")																		
LVI-NGG Flex Transport (Cust "C")																		
LVI-NGG Flex Transport (Cust "D")																		
LVI-NGG Flex Transport (Cust "E")																		
LVI-NGG Flex Transport (Cust "F")	36	1,170,230	2,752,520	\$335.00	\$ 0.00637	\$ 0.02063	\$ 0.00175	\$ 0.00035	\$ 0.02953	\$ -	\$ 8,460	\$ 7,454	\$ 56,784	\$ 6,865	\$ 1,373	\$ 115,839	\$ -	\$ 196,775
LVI-NGG Flex Transport (Cust "G")	12	386,407	863,553	\$335.00	\$ 0.00366	\$ 0.02063	\$ 0.0017											

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED "INTERIM" RATES
**** INCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES ****

MERC Customer Class	Proposed Rates					Proposed Revenues					Percentage Increase/(Decrease) of Revenues							
	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total	Fixed Monthly	Interruptible Distribution Charge less (CCRC)	Firm Distribution Charge less (CCRC)	CCRC	Cost of Gas	Total	
NNG SALES																		
GS-NNG Residential Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929	\$ 0.91381	\$ 28,660,879	\$ -	\$ 47,928,373	\$ 4,701,504	\$ 146,687,665	\$ 227,978,421	32.82%		37.39%	-0.81%	0.00%	7.54%	
GS-NNG Residential Farm-Tap Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929	\$ 0.91381	\$ 187,754	\$ -	\$ 564,146	\$ 55,340	\$ 1,726,521	\$ 2,533,761	32.82%		37.39%	-0.81%	0.00%	6.35%	
GS-NNG C&I FIRM CLASS 1																		
GS-NNG C&I FIRM Class 1	\$23.91	\$ -	\$ 0.26625	\$ 0.02929	\$ 0.91381	\$ 2,163,604	\$ -	\$ 1,745,974	\$ 192,074	\$ 5,992,444	\$ 10,094,095	32.82%		37.97%	-0.81%	0.00%	10.09%	
GS-NNG C&I FIRM Class 2	\$23.91	\$ -	\$ 0.26625	\$ 0.02929	\$ 0.91381	\$ 32,706	\$ -	\$ 40,870	\$ 4,496	\$ 140,273	\$ 218,345	32.82%		37.97%	-0.81%	0.00%	8.56%	
GS-NNG C&I FIRM Class 3	\$59.77	\$ -	\$ 0.19460	\$ 0.02929	\$ 0.91381	\$ 7,253,057	\$ -	\$ 14,758,018	\$ 2,221,296	\$ 69,301,255	\$ 93,543,617	32.82%		39.96%	-0.81%	0.00%	5.60%	
GS-NNG C&I Farm-Tap Class 2	\$219.15	\$ -	\$ 0.13611	\$ 0.02929	\$ 0.91381	\$ 135,427	\$ -	\$ 1,037,902	\$ 223,350	\$ 6,988,229	\$ 8,364,909	32.82%		43.27%	-0.81%	0.00%	3.81%	
GS-NNG C&I Farm-Tap Class 3	\$59.77	\$ -	\$ 0.19460	\$ 0.02929	\$ 0.91381	\$ 151,335	\$ -	\$ 470,795	\$ 70,861	\$ 2,110,779	\$ 2,903,771	32.82%		39.96%	-0.81%	0.00%	5.01%	
GS-NNG C&I Farm-Tap Class 3	\$219.15	\$ -	\$ 0.13611	\$ 0.02929	\$ 0.91381	\$ 5,260	\$ -	\$ 101,802	\$ 21,907	\$ 683,471	\$ 812,439	32.82%		43.27%	-0.81%	0.00%	3.58%	
NNG C&I INT CLASS 2																		
NNG C&I INT Class 2	\$59.77	\$ 0.10955	\$ -	\$ 0.02929	\$ 0.80777	\$ 110,668	\$ 763,311	\$ -	\$ 203,816	\$ 5,620,919	\$ 6,697,714	32.82%		46.07%	-0.81%	0.00%	2.64%	
NNG C&I INT Class 3	\$219.15	\$ 0.09626	\$ -	\$ 0.02929	\$ 0.80777	\$ 115,067	\$ 1,033,151	\$ -	\$ 314,367	\$ 8,669,731	\$ 10,132,316	32.82%		48.09%	-0.81%	0.00%	3.13%	
NNG Agriculture Grain Dryer - Class 1	\$59.77	\$ 0.14275	\$ -	\$ 0.02929	\$ 0.80777	\$ 54,509	\$ 102,422	\$ -	\$ 21,015	\$ 579,568	\$ 757,515	32.82%		42.75%	-0.81%	0.00%	4.74%	
NNG Agriculture Grain Dryer - Class 2	\$59.77	\$ 0.07896	\$ -	\$ 0.02929	\$ 0.80777	\$ 45,903	\$ 232,391	\$ -	\$ 86,205	\$ 2,377,385	\$ 2,741,883	32.82%		51.93%	-0.81%	0.00%	1.87%	
NNG Electric Generation - Class 1	\$59.77	\$ 0.10291	\$ -	\$ 0.02929	\$ 0.80777	\$ 8,455	\$ 10,574	\$ -	\$ 3,009	\$ 82,995	\$ 103,033	32.82%		47.01%	-0.81%	0.00%	3.58%	
NNG C&I Firm/Interruptible Class 2																		
NNG C&I Firm/Interruptible Class 2	\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ 0.80777	\$ 717	\$ 3,020	\$ 11,293	\$ 2,507	\$ 69,143	\$ 86,681	32.82%		46.07%	39.96%	-0.81%	0.00%	3.80%
CONSOLIDATED SALES																		
GS-CONSOLIDATED Residential Sales	\$12.62	\$ -	\$ 0.29859	\$ 0.02929	\$ 0.91381	\$ 4,935,051	\$ -	\$ 8,365,005	\$ 820,560	\$ 19,558,103	\$ 33,678,720	32.82%		37.39%	-0.81%	0.00%	8.98%	
GS-CONSOLIDATED C&I FIRM Class 1	\$23.91	\$ -	\$ 0.26625	\$ 0.02929	\$ 0.91381	\$ 660,897	\$ -	\$ 539,815	\$ 59,385	\$ 1,416,190	\$ 2,676,286	32.82%		37.97%	-0.81%	0.00%	11.87%	
GS-CONSOLIDATED C&I FIRM Class 2	\$59.77	\$ -	\$ 0.19460	\$ 0.02929	\$ 0.91381	\$ 2,291,571	\$ -	\$ 4,137,746	\$ 622,788	\$ 14,852,083	\$ 21,904,188	32.82%		39.96%	-0.81%	0.00%	7.12%	
GS-CONSOLIDATED C&I FIRM Class 3	\$219.15	\$ -	\$ 0.13611	\$ 0.02929	\$ 0.91381	\$ 35,472	\$ -	\$ 216,823	\$ 46,659	\$ 1,112,708	\$ 1,411,662	32.82%		43.27%	-0.81%	0.00%	4.89%	
CONSOLIDATED C&I INT CLASS 2																		
CONSOLIDATED C&I INT Class 2	\$59.77	\$ 0.10955	\$ -	\$ 0.02929	\$ 0.80777	\$ 28,942	\$ 180,304	\$ -	\$ 48,207	\$ 1,026,687	\$ 1,284,141	32.82%		46.07%	-0.81%	0.00%	3.33%	
CONSOLIDATED C&I INT Class 3	\$219.15	\$ 0.09626	\$ -	\$ 0.02929	\$ 0.80777	\$ 19,517	\$ 135,008	\$ -	\$ 41,080	\$ 874,901	\$ 1,070,505	32.82%		48.09%	-0.81%	0.00%	4.01%	
CONSOLIDATED C&I INT Class 4	\$245.72	\$ 0.03477	\$ -	\$ 0.02929	\$ 0.80777	\$ 5,897	\$ 84,906	\$ -	\$ 71,525	\$ 1,523,285	\$ 1,685,613	32.82%		85.94%	-0.81%	0.00%	1.68%	
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$59.77	\$ 0.14275	\$ -	\$ 0.02929	\$ 0.80777	\$ 4,455	\$ 7,566	\$ -	\$ 1,553	\$ 33,054	\$ 48,638	32.82%		42.75%	-0.81%	0.00%	6.88%	
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$59.77	\$ 0.07896	\$ -	\$ 0.02929	\$ 0.80777	\$ 5,021	\$ 15,899	\$ -	\$ 5,898	\$ 125,606	\$ 152,424	32.82%		51.93%	-0.81%	0.00%	2.63%	
CONSOLIDATED Electric Generation - Class 1	\$59.77	\$ 0.10291	\$ -	\$ 0.02929	\$ 0.80777	\$ 717	\$ 1,404	\$ -	\$ 400	\$ 8,511	\$ 11,032	32.82%		47.01%	-0.81%	0.00%	4.14%	
CONSOLIDATED C&I Firm/Interruptible Class 2																		
CONSOLIDATED C&I Firm/Interruptible Class 2	\$59.77	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ 0.80777	\$ 2,869	\$ 11,846	\$ 25,763	\$ 7,045	\$ 150,037	\$ 197,560	32.82%		46.07%	39.96%	-0.81%	0.00%	4.49%
NNG TRANSPORT																		
Transport-NNG C&I FIRM Class 2	\$259.00	\$ -	\$ 0.19460	\$ 0.02929	\$ -	\$ 99,127	\$ -	\$ 338,204	\$ 50,904	\$ -	\$ 488,235	32.82%		39.96%	-0.81%		24.84%	
Transport-NNG C&I FIRM Class 3	\$418.38	\$ -	\$ 0.13611	\$ 0.02929	\$ -	\$ 114,840	\$ -	\$ 749,059	\$ 160,978	\$ -	\$ 1,023,876	32.82%		43.27%	-0.81%		28.23%	
Transport-NNG C&I FIRM Class 4	\$444.95	\$ -	\$ 0.03733	\$ 0.02929	\$ -	\$ 5,160	\$ -	\$ 46,154	\$ 36,214	\$ -	\$ 87,528	32.82%		80.95%	-0.81%		21.38%	
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$677.38	\$ -	\$ 0.00533	\$ -	\$ -	\$ 8,129	\$ -	\$ 36,775	\$ -	\$ -	\$ 44,903	32.82%		0.00%	#DIV/0!		-21.75%	
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$677.38	\$ -	\$ 0.00533	\$ -	\$ -	\$ 8,129	\$ -	\$ 329,990	\$ -	\$ -	\$ 338,119	32.82%		0.00%	#DIV/0!		-27.46%	
Transport-NNG C&I INT CLASS 2																		
Transport-NNG C&I INT Class 2	\$259.00	\$ 0.10955	\$ -	\$ 0.02929	\$ -	\$ 63,081	\$ 157,138	\$ -	\$ 42,013	\$ -	\$ 262,232	32.82%		46.07%	-0.81%		20.94%	
Transport-NNG C&I INT Class 3	\$418.38	\$ 0.09626	\$ -	\$ 0.02929	\$ -	\$ 188,404	\$ 1,837,886	\$ -	\$ 559,232	\$ -	\$ 2,585,552	32.82%		48.09%	-0.81%		26.58%	
Transport-NNG C&I INT Class 4	\$444.95	\$ 0.03477	\$ -	\$ 0.02929	\$ -	\$ 36,123	\$ 422,101	\$ -	\$ 355,575	\$ -	\$ 813,799	32.82%		85.94%	-0.81%		20.81%	
Transport-NNG C&I INT Class 5	\$677.38	\$ 0.01588	\$ -	\$ 0.02929	\$ -	\$ 32,514	\$ 143,406	\$ -	\$ 264,506	\$ -	\$ 440,426	32.82%		254.46%	-0.81%		25.63%	
Transport-NNG C&I INT Class 5 - CIP Exempt	\$677.38	\$ 0.00448	\$ -	\$ -	\$ -	\$ 48,772	\$ 1,126,955	\$ -	\$ -	\$ -	\$ 1,175,727	32.82%		0.00%	#DIV/0!		-6.07%	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$677.38	\$ 0.01588	\$ -	\$ 0.02929	\$ -	\$ 8,129	\$ 20,765	\$ -	\$ 38,301	\$ -	\$ 67,194	32.82%		254.46%	-0.81%		25.98%	
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$677.38	\$ 0.00448	\$ -	\$ -	\$ -	\$ 8,129	\$ 11,229	\$ -	\$ -	\$ -	\$ 19,357	32.82%		0.00%	#DIV/0!		-14.39%	
Transport-NNG C&I Firm/Interruptible Class 2																		
Transport-NNG C&I Firm/Interruptible Class 2	\$259.00	\$ 0.10955	\$ 0.19460	\$ 0.02929	\$ -	\$ 18,023	\$ 33,148	\$ 18,419	\$ 11,635	\$ -	\$ 81,225	32.82%		46.07%	39.96%	-0.81%	22.10%	
Transport-NNG C&I Firm/Interruptible Class 3	\$418.38	\$ 0.09626	\$ 0.13611	\$ 0.02929	\$ -	\$ 86,938	\$ 667,284	\$ 251,159	\$ 257,089	\$ -	\$ 1,262,470	32.82%		48.09%	43.27%	-0.81%	26.93%	
Transport-NNG C&I Firm/Interruptible Class 4	\$444.95	\$ 0.03477	\$ 0.03733	\$ 0.02929	\$ -	\$ 10,321	\$ 40,780	\$ 124,059	\$ 131,692	\$ -	\$ 306,851	32.82%		85.94%	80.95%	-0.81%	21.00%	
Transport-NNG C&I Firm/Interruptible Class 5	\$677.38	\$ 0.01588	\$ 0.01701	\$ 0.02929	\$ -	\$ 8,129	\$ 64,826	\$ 3,104	\$ 124,914	\$ -	\$ 200,972	32.82%		254.46%	219.14%	-0.81%	25.39%	
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$677.38	\$ 0.00448	\$ 0.00533	\$ -	\$ -	\$ 40,643	\$ 149,361	\$ 134,851	\$ -	\$ -	\$ 324,855	32.82%		0.00%	#DIV/0!		-25.82%	
Transport for Resale																		
LVI-NNG Flex Transport (Cust "A")	\$444.95	\$ 0.07194	\$ -	\$ 0.02929	\$ -	\$ 5,160	\$ 23,635	\$ -	\$ 9,636	\$ -	\$ 38,431	32.82%		54.13%	-0.81%		29.72%	
LVI-NNG Flex Transport (Cust "B")	\$444.95	\$ 0.00474	\$ 0.02087	\$ 0.02929	\$ -	\$ 5,339	\$ 6,522	\$ 69,493	\$ 137,831	\$ -	\$ 219,185	32.82%		5.33%	1.16%	-0.81%	-0.15%	
LVI-NNG Flex Transport (Cust "C")	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							
LVI-NNG Flex Transport (Cust "D")	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							
LVI-NNG Flex Transport (Cust "E")	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							
LVI-NNG Flex Transport (Cust "F")	\$444.95	\$ 0.00661	\$ 0.02087	\$ 0.02929	\$ -	\$ 16,018	\$ 7,735	\$ 57,445	\$ 114,897	\$ -	\$ 196,096	89.34%		3.77%	1.16%	-0.81%	-0.35%	
LVI-NNG Flex Transport (Cust "G")	\$444.95	\$ 0.00390	\$ 0.02087	\$ 0.02929	\$ -	\$ 5,339	\$ 1,507	\$ 18,022	\$ 36,611	\$ -	\$ 61,480	32.82%		6.56%	1.16%	-0.81%	-2.08%	
CONSOLIDATED TRANSPORT																		
Transport-CONSOLIDATED C&I FIRM Class 2	\$259.00	\$ -	\$ 0.19460	\$ 0.02929	\$ -	\$ 102,632	\$ -	\$ 293,076	\$ 44,112	\$ -	\$ 439,81							

MINNESOTA ENERGY RESOURCES CORPORATION
COMPARISON OF REVENUE FROM CURRENT AND PROPOSED **INTERIM RATES**
**** INCLUDING GAS COST, INCLUDING GUIC AND NGEF RIDER SURCHARGE REVENUES ****

MERC Customer Class	Current Revenues	Proposed Revenues	\$ Increase/ (Decrease)	% Increase/ (Decrease)
NNG SALES				
GS-NNG Residential Sales	\$ 211,990,264	\$ 227,978,421	\$ 15,988,157	7.54%
GS-NNG Residential Farm-Tap Sales	\$ 2,382,545	\$ 2,533,761	\$ 151,216	6.35%
GS-NNG C&I FIRM Class 1	\$ 9,169,220	\$ 10,094,095	\$ 924,875	10.09%
GS-NNG C&I Farm-Tap Class 1	\$ 201,129	\$ 218,345	\$ 17,217	8.56%
GS-NNG C&I FIRM Class 2	\$ 88,578,889	\$ 93,543,617	\$ 4,964,727	5.60%
GS-NNG C&I FIRM Class 3	\$ 8,058,072	\$ 8,364,909	\$ 306,837	3.81%
GS-NNG C&I Farm-Tap Class 2	\$ 2,765,249	\$ 2,903,771	\$ 138,522	5.01%
GS-NNG C&I Farm-Tap Class 3	\$ 784,326	\$ 812,439	\$ 28,113	3.58%
NNG C&I INT Class 2	\$ 6,525,699	\$ 6,697,714	\$ 172,015	2.64%
NNG C&I INT Class 3	\$ 9,824,827	\$ 10,132,316	\$ 307,489	3.13%
NNG Agriculture Grain Dryer - Class 1	\$ 723,246	\$ 757,515	\$ 34,269	4.74%
NNG Agriculture Grain Dryer - Class 2	\$ 2,691,603	\$ 2,741,883	\$ 50,280	1.87%
NNG Electric Generation - Class 1	\$ 99,470	\$ 103,033	\$ 3,563	3.58%
NNG C&I Firm/Interruptible Class 2	\$ 83,505	\$ 86,681	\$ 3,176	3.80%
CONSOLIDATED SALES				
GS-CONSOLIDATED Residential Sales	\$ 30,904,988	\$ 33,678,720	\$ 2,773,731	8.98%
GS-CONSOLIDATED C&I FIRM Class 1	\$ 2,392,323	\$ 2,676,286	\$ 283,963	11.87%
GS-CONSOLIDATED C&I FIRM Class 2	\$ 20,449,151	\$ 21,904,188	\$ 1,455,036	7.12%
GS-CONSOLIDATED C&I FIRM Class 3	\$ 1,345,788	\$ 1,411,662	\$ 65,874	4.89%
CONSOLIDATED C&I INT Class 2	\$ 1,242,771	\$ 1,284,141	\$ 41,369	3.33%
CONSOLIDATED C&I INT Class 3	\$ 1,029,217	\$ 1,070,505	\$ 41,288	4.01%
CONSOLIDATED C&I INT Class 4	\$ 1,657,758	\$ 1,685,613	\$ 27,855	1.68%
CONSOLIDATED Agriculture Grain Dryer - Class 1	\$ 45,507	\$ 48,638	\$ 3,132	6.88%
CONSOLIDATED Agriculture Grain Dryer - Class 2	\$ 148,519	\$ 152,424	\$ 3,905	2.63%
CONSOLIDATED Electric Generation - Class 1	\$ 10,594	\$ 11,032	\$ 439	4.14%
CONSOLIDATED C&I Firm/Interruptible Class 2	\$ 189,069	\$ 197,560	\$ 8,491	4.49%
NNG TRANSPORT				
Transport-NNG C&I FIRM Class 2	\$ 391,095	\$ 488,235	\$ 97,140	24.84%
Transport-NNG C&I FIRM Class 3	\$ 798,468	\$ 1,023,876	\$ 225,408	28.23%
Transport-NNG C&I FIRM Class 4	\$ 72,109	\$ 87,528	\$ 15,419	21.38%
Transport-NNG C&I FIRM Class 5 - CIP Exempt	\$ 57,384	\$ 44,903	\$ (12,480)	-21.75%
Transport-NNG Electric Generation FIRM Class 2 - CIP Exempt	\$ 466,125	\$ 338,119	\$ (128,006)	-27.46%
Transport-NNG C&I INT Class 2	\$ 216,824	\$ 262,232	\$ 45,408	20.94%
Transport-NNG C&I INT Class 3	\$ 2,042,573	\$ 2,585,552	\$ 542,979	26.58%
Transport-NNG C&I INT Class 4	\$ 673,642	\$ 813,799	\$ 140,157	20.81%
Transport-NNG C&I INT Class 5	\$ 350,575	\$ 440,426	\$ 89,852	25.63%
Transport-NNG C&I INT Class 5 - CIP Exempt	\$ 1,251,719	\$ 1,175,727	\$ (75,992)	-6.07%
Transport-NNG Electric Generation INT Class 2	\$ 53,339	\$ 67,194	\$ 13,856	25.98%
Transport-NNG Electric Generation INT Class 2 - CIP Exempt	\$ 22,611	\$ 19,357	\$ (3,255)	-14.39%
Transport-NNG C&I Firm/Interruptible Class 2	\$ 66,524	\$ 81,225	\$ 14,701	22.10%
Transport-NNG C&I Firm/Interruptible Class 3	\$ 994,600	\$ 1,262,470	\$ 267,870	26.93%
Transport-NNG C&I Firm/Interruptible Class 4	\$ 253,604	\$ 306,851	\$ 53,247	21.00%
Transport-NNG C&I Firm/Interruptible Class 5	\$ 160,274	\$ 200,972	\$ 40,698	25.39%
Transport-NNG C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 437,956	\$ 324,855	\$ (113,101)	-25.82%
Transport for Resale	\$ 29,625	\$ 38,431	\$ 8,806	29.72%
LVI-NNG Flex Transport (Cust "A")	\$ 219,512	\$ 219,185	\$ (328)	-0.15%
LVI-NNG Flex Transport (Cust "B")				
LVI-NNG Flex Transport (Cust "C")				
LVI-NNG Flex Transport (Cust "D")				
LVI-NNG Flex Transport (Cust "E")				
LVI-NNG Flex Transport (Cust "F")	\$ 196,775	\$ 196,096	\$ (680)	-0.35%
LVI-NNG Flex Transport (Cust "G")	\$ 62,786	\$ 61,480	\$ (1,306)	-2.08%
CONSOLIDATED TRANSPORT				
Transport-CONSOLIDATED C&I FIRM Class 2	\$ 351,506	\$ 439,819	\$ 88,313	25.12%
Transport-CONSOLIDATED C&I FIRM Class 2 - CIP Exempt	\$ 11,522	\$ 14,222	\$ 2,701	23.44%
Transport-CONSOLIDATED C&I FIRM Class 3	\$ 660,015	\$ 845,825	\$ 185,810	28.15%
Transport-CONSOLIDATED C&I FIRM Class 4	\$ 83,352	\$ 101,102	\$ 17,750	21.30%
Transport-CONSOLIDATED C&I FIRM Class 5 - CIP Exempt	\$ 362,203	\$ 267,307	\$ (94,896)	-26.20%
Transport-CONSOLIDATED C&I INT Class 2	\$ 74,305	\$ 89,799	\$ 15,494	20.85%
Transport-CONSOLIDATED C&I INT Class 3	\$ 480,550	\$ 609,486	\$ 128,936	26.83%
Transport-CONSOLIDATED C&I INT Class 4	\$ 84,027	\$ 101,571	\$ 17,544	20.88%
Transport-CONSOLIDATED C&I INT Class 5	\$ 177,416	\$ 222,403	\$ 44,987	25.36%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 3	\$ 56,597	\$ 72,036	\$ 15,438	27.28%
Transport-CONSOLIDATED C&I Firm/Interruptible Class 5 - CIP Exempt	\$ 89,748	\$ 66,513	\$ (23,235)	-25.89%
Total NNG Sales Customers	\$ 343,878,044	\$ 366,968,500	\$ 23,090,457	6.71%
Total Consolidated Sales Customers	\$ 59,415,685	\$ 64,120,768	\$ 4,705,083	7.92%
TOTAL SALES CUSTOMERS	\$ 403,293,729	\$ 431,089,268	\$ 27,795,539	6.89%
Total NNG Transport Customers	\$ 8,818,119	\$ 10,038,513	\$ 1,220,394	13.84%
Total Consolidated Transport Customers	\$ 2,431,240	\$ 2,830,082	\$ 398,842	16.40%
TOTAL TRANSPORT CUSTOMERS	\$ 11,249,359	\$ 12,868,595	\$ 1,619,236	14.39%
Total NNG Customers	\$ 352,696,162	\$ 377,007,013	\$ 24,310,851	6.89%
Total Consolidated Customers	\$ 61,846,925	\$ 66,950,849	\$ 5,103,925	8.25%
TOTAL	\$ 414,543,087	\$ 443,957,863	\$ 29,414,775	7.10%