

March 2, 2015

-VIA ELECTRONIC FILING-

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

RE: PETITION AND COMPLIANCE FILING STATE ENERGY POLICY RIDER DOCKET NO. G002/M-15-____

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Petition and Compliance filing for approval of our July 2015-June 2016 State Energy Policy (SEP) Rider natural gas rate factor.

Pursuant to Minn. Stat. § 216.17, subd. 3, we have electronically filed this document, and served copies on the parties on the attached service lists.

If you have any questions regarding this filing please contact Rebecca Eilers at rebecca.d.eilers@xcelenergy.com or (612) 330-5570, or me at (612) 330-7529 or paul.lehman@xcelenergy.com.

Sincerely,

/s/

PAUL J LEHMAN
MANAGER, REGULATORY COMPLIANCE AND FILINGS

Enclosures

c: Service List

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger Chair

Nancy Lange Commissioner
Dan Lipschultz Commissioner
John Tuma Commissioner
Betsy Wergin Commissioner

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF A MODIFICATION TO OUR NATURAL GAS SEP TARIFF, 2015 PROJECT ELIGIBILITY, 2015 SEP RATE FACTOR, AND 2014 SEP COMPLIANCE FILING DOCKET NO. G002/M-15-___

PETITION AND COMPLIANCE FILING

OVERVIEW

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition requesting approval of our 2015 natural gas State Energy Policy (SEP) Rider rate factor, our 2014 Annual SEP compliance filing, and our proposed Customer Notice and Tariff update. We do not propose to change the electric SEP rate factor which was set to zero effective January 1, 2014.¹

We propose a 2015 natural gas SEP rate factor of \$0.001898 per therm for the recovery of approximately \$1.82 million for the 12 month period of July 2015 – June 2016. If approved as proposed, average natural gas residential customers using 73.67 therms per month would pay approximately \$1.68 per year, compared to \$1.98 in the current 2014 SEP Period.

Historically, the three primary components of our SEP rate factor have been:

- 1. Expenses for the state Reliability Administrator (RA) and the development of State Building Guidelines (SBG) for the construction of new public facilities;
- 2. Expenses associated with the Company's natural gas Cast Iron Pipe Replacement program (applied to natural gas customers only); and

¹ Approved by the Commission's December 11, 2013 Order in Docket No. E002/M-13-959.

3. Mandated payments to the Prairie Island Indian Community (PIIC) in conjunction with the Company's Prairie Island nuclear generating facility.

This filing continues to reflect items 1 and 2 above, but as discussed in Docket No. E002/M-13-959, we have proposed to roll revenue requirements associated with item 3 into base rates in our pending rate case, Docket No. E002/GR-13-868. To the extent our proposal in the pending rate case changes upon final Commission determination, we will update accordingly in the appropriate dockets. This Petition does not include revenue requirements relating to mandated payments to the PIIC.

I. DESCRIPTION OF FILING

We provide the following information in this filing:

- Background Information;
- SEP Eligible Expenses;
- 2015 Natural Gas SEP Rate Factor;
- 2014 SEP True-Up; and
- Carbon Offsets.

In addition, we provide the following attachments to support our request.

Attachment	Description
Attachment A1	Proposed revision to the appropriate tariff sheet.
Attachment A2	Our 24-month forecast of SEP costs and rate factors applicable to all natural
	gas customers, including demand billed Commercial and Industrial customers
	under this rider.
Attachment B	Natural Gas SEP Tracker
Attachment C	A comparison by month for the past twelve months of actual natural gas
	costs versus forecasted costs.
Attachment D1	Detailed Reliability Administrator and Sustainable Building Guidelines costs.
Attachment D2	Detailed cast iron replacement revenue requirements.
Attachment D3	Cast iron replacement O&M credit.
Attachment D4	Natural gas sales forecast.
Attachment E	Base assumptions used to calculate the cast iron pipe revenue requirements.
Attachment F	Bridge Schedule from our most recent natural gas rate case, reflecting the
	2010 test year, as filed.
Attachment G	Description of revenue requirements categories
Attachment H	Summary report of the Company's 2013 data as reported to the EPA in
	March 2014.

We submit this filing in accordance with the following statutory and rule provisions:

• Minn. Stat. § 16B.325 (Sustainable Building Guidelines)

- Minn. Stat. § 216B.16, Subd. 1 (Rate Change Notice)
- Minn. Stat. § 216B.1637 (Recovery of Certain Greenhouse Gas Infrastructure Costs)
- Minn. Stat. § 216B.1645, Subd. 4 (Settlement with Mdewakanton Dakota Tribal Council at Prairie Island)
- Minn. Stat. § 216C.052, Subd. 2 (Reliability Administrator)²
- Minn. R. 7829.1300 (Miscellaneous Tariff Filings)
- Minn. R. 7829.0100 (Definitions)

II. SUMMARY OF FILING

Pursuant to Minn. R. 7829.1300, subp. 1, a one-paragraph summary of the filing accompanies this Petition.

III. SERVICE ON OTHER PARTIES

Pursuant to Minn. R. 7829.1300, subp. 2, Xcel Energy will serve a summary of the filing on all parties on the Xcel Energy miscellaneous natural gas service list and the service list from our 2014 SEP Rider filing.³

IV. GENERAL FILING INFORMATION

Pursuant to Minn. R. 7829.1300, subp. 3, the Company provides the following information.

A. Name, Address, and Telephone Number of Utility

Northern States Power Company, doing business as Xcel Energy 414 Nicollet Mall Minneapolis, MN 55401 (612) 330-5500

B. Name, Address, and Telephone Number of Utility Attorney

Alison Archer Assistant General Counsel Xcel Energy Services Inc. 414 Nicollet Mall – 5th Floor

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² Repealed by 2011 Minn. Laws Ch. 97 § 34.

³ Docket No. E,G002/M-14-185.

Minneapolis, MN 55401 (612) 215-4662

C. Date of Filing and Proposed Effective Date of Rates

The date of this filing is March 2, 2015. The Company proposes the 2015 natural gas SEP rate factor be included in the Resource Adjustment line on the Company's retail natural gas billing rates effective July 1, 2015.

D. Statutes Controlling Schedule for Processing the Filing

The tariff change proposed in this Petition falls within the definition of a "Miscellaneous Tariff Filing" under Minn. R. 7829.0100, subp. 11, because no determination of Xcel Energy's general revenue requirement is necessary. Pursuant to Minn. R. 7829.1400, initial comments on a miscellaneous tariff filing are due within 30 days of filing, with replies due 10 days thereafter.

E. Utility Employee Responsible for Filing

Paul J Lehman Manager, Regulatory Compliance and Filings Xcel Energy Services Inc. 414 Nicollet Mall – 7th Floor Minneapolis, Minnesota 55401 (612) 330-7529

V. BACKGROUND INFORMATION

The Commission first established the SEP Rider mechanism and approved our recovery of eligible RA/SBG and Prairie Island expenses in its April 6, 2004 Order in Docket No. E,G002/M-03-1544.

The Commission first approved recovery of our costs associated with the replacement of remaining natural gas cast iron pipe on our system through the SEP rate factor in its November 25, 2008 Order in Docket No. E,G002/M-08-261 (November 25th Order).

The Commission subsequently directed the Company to provide the following information in future annual filings:⁴

⁴ Order dated September 23, 2010, Docket No. E,G002/M-10-210 (September 23rd Order).

- A comparison by month for the past twelve months of actual electric⁵ and natural gas costs versus forecasted costs. (See Attachment C.)
- A discussion of reasons for deviations from budgeted amounts (both higher and lower).
- Specific cast iron project costs and related information.⁶
- Updated SEP Tracker schedules that identify beginning balances, current period transactions, and subsequent ending balances.

We provide a bridging schedule of our most recent natural gas rate case, and we confirm that our calculations in this filing reflect the rate of return approved by the Commission in that case.⁷ (See Attachment F.)

VI. SEP ELIGIBLE EXPENSES

There are three types of expenses currently included for recovery in the SEP Rider as eligible according to Minnesota statutes and Commission orders. They are discussed below.

A. Reliability Administrator and Sustainable Building Guidelines

1. Reliability Administrator (RA)

RA costs are related to the expenses incurred by the Minnesota Department of Commerce, Division of Energy Resources, for services to the Commission and the public on reliability issues and other special proceedings, analysis, or projects.⁸

2. Sustainable Building Guidelines (SBG)

SBG costs result from the development of guidelines for the design of all new state buildings as defined in Minn. Stat. § 16B.325, with responsibility for the design guidelines shared by the Minnesota Department of Commerce, Division of Energy Resources and the Minnesota Department of Administration.

⁵ Since the electric SEP rate was set to \$0.00 on January 1, 2014 and we are not proposing a new rate in this Petition, we have only provided a comparison for natural gas costs.

⁶ This reporting requirement was discontinued by the Commission's June 3, 2013 Order in Docket No. E,G002/M-13-161.

⁷ Docket No. G002/GR-09-1153.

⁸ Minn. Stat. § 216C.052 was repealed pursuant to 2011 Minn. Laws Ch. 97 § 34. On July 2, 2008 in Docket No. E,G002/M-08-261, the Department filed Comments that addressed the then-expiration of Minn. Stat. § 216C.052 subd. 3 in our 2008 SEP Petition, stating that the Company could continue to charge customers RA/SBG costs, as long as billing continued pursuant to the legislation. Similarly, in the present case, as the Company has continued to receive and pay RA/SBG invoices jointly from the Minnesota Department of Commerce and the Commission, we have included them in our proposed 2015 natural gas SEP Rider rate factor.

B. Greenhouse Gas Infrastructure Costs

In its November 25th Order, the Commission approved our proposed recovery of costs associated with replacement of cast iron pipe through the natural gas SEP rate factor, pursuant to Minn. Stat. § 216B.1637, which allows for the recovery of investments and expenses related to the replacement of certain infrastructure that will reduce the risk of greenhouse gas emissions.

VII. 2015 SEP RATE FACTOR AND CUSTOMER NOTICE

In this Section, we present our 2015 natural gas SEP Rider tariff and customer notice language, and we summarize the contents of our 2015 SEP rate factor.

A. Proposed 2015 Rider Tariff and Customer Notice

Our proposed SEP Rider tariff provides that the SEP rate factor be included on each natural gas customer's monthly bill effective July 1, 2015, which is done as part of the Resource Adjustment charge on monthly bill statements.

We provide as Attachment A1 to this filing proposed changes to our Natural Gas Rate Book, Section No. 5, 13th Revised Sheet No. 63 in both redline and clean versions.

We will submit a compliance filing in this docket containing the final 2015 natural gas SEP rate factor calculations and corresponding tariff pages within 10 days of receiving the Commission's Order approving this Petition.

We propose to implement the following bill message, effective the first month the 2015 natural gas SEP rate factor takes effect, notifying customers of the change in their monthly bills:

We have updated the Resource Adjustment line item on your bill to reflect changes in the State Energy Policy (SEP) portion of the Resource Adjustment, which recovers the costs of State energy-related mandates and greenhouse gas emissions reductions. The natural gas SEP portion of the Resource Adjustment decreased to \$0.001898 per therm.

We will work with Commission Staff regarding this proposed customer notice in advance of implementation.

B. Proposed 2015 Natural Gas SEP Factor

Our proposed 2015 natural gas SEP rate factor compared to 2015 is as follows:

Table 1									
Proposed Rates									
2014 2015									
Gas	Approved	Forecast							
Gas Rate/therm	\$2,027,780	\$1,817,833							
Implemented Rate/therm	\$0.002238	\$0.001898							

If approved as proposed, average natural gas residential customers using 73.67 therms per month would pay approximately \$1.68 per year, compared to \$1.98 in the current 2014 SEP Period. We discuss the specific inputs to the natural gas rate factor calculations below.

A summary of 2015 SEP forecasted costs proposed for recovery and the calculation of our proposed natural gas SEP rate factor compared to our approved 2014 SEP costs are follows:

Table 2 SEP Costs and Rate Factor										
Gas	2014 Approved	2015 Forecast	Difference							
RA/SBG	\$ 20,621	\$ 33,524	\$ 12,903							
Cast Iron	\$1,964,495	\$1,901,501	\$ (62,994)							
Cast Iron O&M Credit	\$ (72,310)	\$ (72,310)	\$ 0							
Carryover	\$ 114,973	\$ (44,883)	\$(159,856)							
Revenue Requirement	\$2,027,780	\$1,817,833	\$(209,947)							
Therms Sales	906,126,034	957,634,516	51,508,482							
Factor	0.002238	0.001898	(0.000340)							

Note: The Sales Forecast information in Table 2 is annualized to provide a comparison of our projected factor and our approved factor.

The monthly breakdown of our proposed 2015 natural gas SEP rate factor costs, sales, projected revenues, and anticipated Tracker balance is provided in Attachment B.⁹ In addition, we provide the details of the natural gas sales forecast as Attachment D4 to this filing.¹⁰ These attachments provide period transactions, as well as beginning and ending Tracker balances, as specified in the Commission's September 23rd Order.

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⁹ Includes interdepartmental sales.

¹⁰ July 2014 sales forecast.

1. Electric

We are not proposing a new electric SEP factor because we have proposed to roll revenue requirements associated with electric SEP-qualified projects – RA/SBG costs and Prairie Island Indian Community Settlement costs – into base rates in our pending rate case (Docket No. E002/GR-13-868).

2. Natural Gas

We are not currently recovering the costs and revenues from any other tariff rate that we have proposed to recover via the natural gas 2015 SEP rate factor in this filing.

We provide as Attachment F to this filing, the Bridge Schedule from our most recent natural gas rate case, reflecting the 2010 test year. Please refer to Attachment F, column (5), page 1 of 3, which shows that the SEP rate base was removed from the test year rate base; Attachment F, column (5), page 2 of 3, shows that the SEP revenues and expenses were removed from the test year operating income.

We have calculated our proposed natural gas SEP rate factor assuming all components are approved for eligibility, and are implemented effective July 1, 2015 to June 30, 2016. If actual implementation occurs after July 1, 2015, we propose that the 2015 SEP Rider rate factor be adjusted to recover the approved program costs over the remaining months of the period, through June 30, 2016. This approach ensures that the cost recovery matches the approved eligible costs.

For a breakdown of the RA/SBG costs, please see Attachment D1.

3. Natural Gas Cast Iron Pipe Replacement Project

We completed replacement of 25 miles of cast iron pipe and the replacement program concluded in 2012. No additional cast iron renewal is planned. The June 3, 2013 Order in Docket No. E002/M-13-161 discontinued reporting requirements associated with specific cast iron replacement projects.

The Minnesota jurisdictional total revenue requirements associated with this project for the 2015 SEP period is \$1.9 million. See Attachment D2 for the detailed calculation of the cast iron revenue requirements. Attachment E shows the base assumptions used to calculate the cast iron pipe revenue requirements. We additionally provide Attachment G, which describes the revenue requirements categories.

4. O&M Credit Calculation

The September 23rd Order requires that we adjust our O&M credit in this filing to reflect the outcome of our natural gas rate case in Docket No. G002/GR-09-1153.

We provide our updated O&M credit calculation as Attachment D3 to this filing. Consistent with our 2012 filing, we have reduced the go-forward, overall O&M credit level to reflect the portion of cast iron pipe replaced through the 2010 test year as that credit is reflected in base rates. Also, we incorporated other changes to the O&M credit calculation to appropriately reflect the increased number of miles of cast iron pipe to be retired.

To assure the accuracy of our calculations, an external consultant has reviewed and verified the accuracy of our filing through: (1) calculation of our revenue requirements and trackers; (2) reviewing the compliance of these calculations with corresponding Minnesota Statutes and Rules, and previous Commission Orders and Company filings; and (3) verifying that costs proposed to be recovered through the SEP rate factor are not being recovered under any other cost recovery mechanism. We take these additional steps in this and all other rate rider filings to ensure accuracy.

VIII. 2014 SEP COMPLIANCE INFORMATION AND TRUE-UP

A. Tracker Balance Adjustments

The estimated true-up amount from the 2014-2015 SEP Tracker is \$(44,883).¹¹ The primary driver of the true-up is the negative carryover from the 2013-2014 SEP period due to higher collected revenues than forecast.

We note that this true-up adjustment is estimated, as we have used actual revenue, costs, and sales through January 2015, and forecasted the February through June 2015 period. Please see Attachment B to this filing for the supporting calculations.

B. Budget Deviations

The Commission's September 23rd Order requires we provide a comparison by month for the past twelve months of actual natural gas costs versus forecasted costs as well as a discussion of reasons for deviations from budgeted amounts (both higher and lower). See Attachment C for the comparison by month for the past twelve months

¹¹ Compliance requirements from past Commission Orders require that the SEP Tracker balance be used in determining the go-forward, proposed SEP Rate factors, which are trued-up for actual costs and revenues.

(February 2014 – January 2015) of actual natural gas costs to the budgeted (forecast) costs. Specific deviations are explained below.

The primary driver of the differences between the past twelve months' actual and budgeted natural gas costs is that the RA/SBG costs were \$12,902 higher than forecasted. Cast iron pipe replacement costs were \$3,646 lower than forecasted, and the carryover balance was \$262 lower to start the period. In summary, total actual costs for the past twelve month were \$8,994 higher than forecasted:

Table 3								
Budget Deviations for	or Past 12 Months							
RA/SBG	\$12,902							
Cast Iron	\$(3,646)							
Cast Iron Carryover	<u>\$ (262)</u>							
Net variance	\$ 8,994							

In this same twelve-month period, revenue collections were \$33,616 higher than forecasted.

IX. CARBON OFFSETS

Order Point No. 1.B of the November 25th Order requires the Company to report and credit the SEP Tracker with any proceeds received from the sale of carbon offsets or credits associated with the Project.

We have not sold any carbon offsets or credits for greenhouse gas emissions associated with the natural gas Cast Iron Pipe Replacement project under the SEP Rider to-date. As a result, there are no carbon offsets and/or credits to report, or proceeds to credit to the SEP Rider tracker account.

In 2012, we began annual reporting to the U.S. Environmental Protection Agency (EPA) greenhouse gas emissions for all types of natural gas pipe material.¹² In previous SEP proceedings, we committed to provide this report as an attachment in future SEP Petitions. Because we submit the data to the EPA website via electronic form, we include as Attachment H the summary report print-out of the Company's data for 2013 as reported to the EPA in March 2014.

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¹² 40 C.F.R. Part 98, Subparts A and W, provide the regulatory framework for the Greenhouse Gas (GHG) Reporting Program (November 10, 2010). The GHG calculation methodologies used in the rule generally include the use of engineering estimates, emissions modeling software, and emission factors, or, when other methods are not feasible, direct measurement of emissions. The established emission factor for cast iron main is 27.67 scf/hour/mile.

X. MISCELLANEOUS INFORMATION

Pursuant to Minn. R. 7829.0700, subp. 2, Xcel Energy requests that the following persons be placed on the Commission's official service list for this matter:

Alison Archer

Assistant General Counsel

Xcel Energy

414 Nicollet Mall, 5th floor

Minneapolis, Minnesota 55401

Alison.c.archer@xcelenergy.com

Tiffany Hughes

Records Analyst

Xcel Energy

414 Nicollet Mall, 7th Floor

Minneapolis, Minnesota 55401

regulatory.records@xcelenergy.com

Any information requests in this proceeding should be submitted to Ms. Hughes.

CONCLUSION

We respectfully request that the Commission approve our 2015 natural gas SEP Rate Rider rate factor as proposed in this Petition, our 2014 Annual SEP compliance filing, and our proposed Customer Notice and Tariff update.

Dated: March 2, 2015

Respectfully submitted by:

Northern States Power Company

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger Chair
Nancy Lange Commissioner
Dan Lipschultz Commissioner
John Tuma Commissioner
Betsy Wergin Commissioner

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF A MODIFICATION TO OUR NATURAL GAS SEP TARIFF, 2015 PROJECT ELIGIBILITY, 2015 SEP RATE FACTOR, AND 2014 SEP COMPLIANCE FILING

DOCKET NO. G002/M-15-___

PETITION AND COMPLIANCE FILING

SUMMARY

Please take notice that on March 2, 2015, Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission a Petition for approval of our July 2015-June 2016 natural gas State Energy Policy (SEP) Rider rate factor, pursuant to Minn. Stat. §§ 16B.325, 216B.16, subd. 1, 216B.1637, 216B.1645, subd. 4, 216C.052, subd. 2(c), and Minn. R. 7829.1300 and 7829.0100, and previous Commission Orders in our SEP Rider filings. The Company also submitted its Annual 2014 SEP Compliance Filing, including the calculation of the preliminary 2014 True-Up of costs and revenues recorded in the SEP Tracker Accounts as required in the November 25, 2008 ORDER ACCEPTING AND MODIFYING PETITION REGARDING STATE ENERGY POLICY RIDER in Docket No. E,G002/M-08-261.

State Energy Policy Rider 2015 Attachment Table of Contents

SEP Tariff Sheets and Rates

Attachment A1 – Gas Tariff

Attachment A2 – Gas Rate Factor: 2014-2016

Cost Recovery and SEP Rate Calculations

Attachment B – Gas Tracker

Attachment C – Budget Deviation Analysis

Gas Tracker Detail

Attachment D1 – Gas Tracker Detail - RA/SBG

Attachment D2 – Gas Tracker Detail - Cast Iron Replacement Revenue Requirement

Attachment D3 – Gas Tracker Detail - Cast Iron O&M Credit

Attachment D4 – Gas Tracker Detail - Revenues

Compliance

Attachment E – Base Assumptions – Gas Cast Iron Pipe

Attachment F – Gas Rate Case Bridge Schedule

Attachment G – Revenue Requirement Category Descriptions

Attachment H – Reporting to the U.S. Environmental Protection Agency re. Greenhouse Gas Emissions

Redline

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STATE ENERGY POLICY RATE RIDER

Section No. 5

12th13th Revised Sheet No.

63

APPLICATION

Applicable to bills for gas service provided under the Company's retail rate schedules.

DETERMINATION OF CHARGES UNDER THIS RIDER

Customer bills under this rate will include the specific charges listed below.

There shall be included on each customer's monthly bill a State Energy Policy Rate Rider which shall be the applicable State Energy Policy Rate Rider factor multiplied by the customer's monthly therm gas consumption.

DETERMINATION OF STATE ENERGY POLICY RATE FACTOR

The applicable State Energy Policy Rate Rider shall be the quotient obtained by dividing the annual State Energy Policy Tracker amount by the annual forecasted therm sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

\$0.002238\$0.001898 per therm Residential \$0.002238\$0.001898 per therm Commercial

Recoverable State Energy Policy Rate Expense

All costs appropriately charged to the State Energy Policy Tracker account shall be eligible for recovery through this Rider, and all revenues received from the State Energy Policy adjustment portion of the Resource Adjustment shall be credited to the State Energy Policy Tracker account.

Date Filed: 03-03-1403-02-15 By: David M. SparbyChristopher B. Clark 07-01-14 Effective Date:

President, and CEO of Northern States Power Company, a Minnesota corporation

06-03-14 E,G002/M-14-18515-Order Date: Docket No.



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MINNESOTA GAS RATE BOOK - MPUC NO. 2

STATE ENERGY POLICY RATE RIDER

Section No. 5 13th Revised Sheet No. 63

APPLICATION

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DETERMINATION OF CHARGES UNDER THIS RIDER

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DETERMINATION OF STATE ENERGY POLICY RATE FACTOR

The applicable State Energy Policy Rate Rider shall be the quotient obtained by dividing the annual State Energy Policy Tracker amount by the annual forecasted therm sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

Residential \$0.001898 per therm Commercial \$0.001898 per therm

Recoverable State Energy Policy Rate Expense

All costs appropriately charged to the State Energy Policy Tracker account shall be eligible for recovery through this Rider, and all revenues received from the State Energy Policy adjustment portion of the Resource Adjustment shall be credited to the State Energy Policy Tracker account.

Date Filed: 03-02-15 By: Christopher B. Clark Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. G002/M-15- Order Date:

		Ga	as Rate Factor		
			2014	2015	2016
	note		Approved	Forecast	Forecast
Revenue Requirement	1	\$	2,027,780	\$ 1,817,833	\$ 1,802,685
Forecasted Therms	2		906,126,034	957,634,516	927,610,243
Gas Rate/therm	3		0.002238	0.001898	0.001943
Implemented Rate/therm			0.002238	TBD	TBD
Residential bill impact / Month	4	\$	0.16	\$ 0.14	\$ 0.14
Residential bill impact / Year	4	\$	1.98	\$ 1.68	\$ 1.72

Notes:

- (1) For 2015 and 2016, refer to Gas Tracker (Attachment B) for supporting detail. For 2014, refer to Docket No. E,G002/M-14-185.
- (2) For 2015 and 2016, refer to Gas Tracker Detail: Revenue Collections (Attachment D4) for supporting detail. For 2014, refer to the compliance filing Docket No. E,G002/M-14-185.
- (3) 2014 rate approved in Docket No. E,G002/M-14-185. For 2015 and 2016, rates are forecasted.
- (4) Assumes 884 therms per year which equates to 73.67 therms per month.

						Gas	Tracker								
·	Reference	Carryover	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Total-11
	Attachment	Balance	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
RA/SBG (1)	D1		\$ -	s -	\$ 10,067	\$ -	\$ -	\$ (14,846)	s -	\$ -	\$ 6,040	s -	s -	\$ 7,541	\$ 8,803
Cast Iron Cast Iron O&M Credit	D2 D3		\$ 81,166 \$ (3,672)	\$ 88,200 \$ (3,672)	\$ 96,591 \$ (3,672)	\$ 105,297 \$ (3,672)	\$ 111,028 \$ (3,672)	\$ 113,201 \$ (3,672)	\$ 120,655 \$ (3,672)	\$ 120,409 \$ (3,672)	\$ 120,300 \$ (3,672)	\$ 121,383 \$ (3,672)	\$ 125,642 \$ (3,672)	\$ 132,360 \$ (3,672)	\$ 1,336,231
Carryover from Prev Yr (2)	DS	\$ 69,762	\$ (5,672) \$ 5.813	\$ (5,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (3,672) \$ 5.813	\$ (5,672) \$ 5.813	\$ (5,672) \$ 5.813	\$ (3,672) \$ 5,813	\$ (5,672) \$ 5,813	\$ (44,060 \$ 69.762
Revenue Requirements (3)		9 02,702	\$ 83,308	\$ 90,342	\$ 108,800	\$ 107,438	\$ 113,170	\$ 100,497	\$ 122,796	\$ 122,551	\$ 128,482	\$ 123,525	\$ 127,784	\$ 142,043	\$ 1,370,736
Revenue Collections (4)	D4		\$ 22,556	\$ 21,187	\$ 23,115	\$ 28,238	\$ 44,917	\$ 93,697	\$ 176,053	\$ 164,963	\$ 139,492	\$ 74,616	\$ 61,204	\$ 44,821	\$ 894,859
Carbon Offset Payments (5)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Balance (6) (7)			\$ 60,752	\$ 129,907	\$ 215,592	\$ 294,792	\$ 363,044	\$ 369,844	\$ 316,587	\$ 274,175	\$ 263,166	\$ 312,075	\$ 378,655	\$ 475,877	\$ 475,877
	Reference	Carryover	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Total-12
	Attachment	Balance	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Act & Fest
RA/SBG (1)	D1		\$ -	\$ -	\$ 6,008	\$ -	\$ -	\$ (8,212)		\$ -	\$ 11,216	\$ -	\$ -	\$ 8,313	\$ 17,325
Cast Iron Cast Iron O&M Credit	D2 D3		\$ 137,870	\$ 143,743 \$ (6,063)	\$ 151,969 \$ (6,063)	\$ 159,006	\$ 164,320 \$ (6,063)	\$ 167,114 \$ (6,063)	\$ 172,683 \$ (6.063)	\$ 172,318	\$ 172,167 \$ (6,063)	\$ 172,115	\$ 172,068 \$ (6,063)	\$ 171,629 \$ (6,063)	\$ 1,957,002 \$ (72,753)
Carryover from Prev Yr (2)	DS	\$ 475,877	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (0,063)	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (6,063) \$ 39,656	\$ (72,753) \$ 475,877
Revenue Requirements (3)		y 113,011	\$ 171,463	\$ 177,336	\$ 191,571	\$ 192,599	\$ 197,914	\$ 192,496	\$ 206,277	\$ 205,912	\$ 216,977	\$ 205,709	\$ 205,662	\$ 213,536	\$ 2,377,452
Revenue Collections (4)	D4		\$ 39,293	\$ 44,992	\$ 66,987	\$ 96,256	\$ 153,203	\$ 212,903	\$ 333,863	\$ 333,863	\$ 283,629	\$ 247,073	\$ 147,947	\$ 82,831	\$ 2,042,839
Carbon Offset Payments (5)			\$ -	\$ -	\$ -	\$ -	\$ -	S -	S -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
Balance (6) (7)			\$ 132,170	\$ 264,515	\$ 389,099	\$ 485,442	\$ 530,152	\$ 509,746	\$ 382,160	\$ 254,209	\$ 187,556	\$ 146,193	\$ 203,908	\$ 334,613	\$ 334,613
	Reference	Carryover	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Total-13
	Attachment	Balance	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
RA/SBG (1) Cast Iron	D1 D2		\$ - \$ 171.186	\$ - \$ 170.727	\$ 6,471 \$ 170,269	\$ - \$ 169,811	\$ - \$ 169,353	\$ (5,380) \$ 168.894	\$ - \$ 168,372	\$ - \$ 167.936	\$ 8,089 \$ 167,499	\$ - \$ 167,062	\$ -	\$ 11,548 \$ 166,189	\$ 20,729 \$ 2,023,924
Cast Iron Cast Iron O&M Credit	D2 D3		\$ 1/1,186 \$ (6,026)	\$ 170,727 \$ (6,026)	\$ 170,269 \$ (6,026)	\$ 169,811 \$ (6,026)	\$ 169,353 \$ (6,026)	\$ 168,894 \$ (6,026)	\$ 168,372 \$ (6,026)	\$ 167,936 \$ (6,026)	\$ 167,499 \$ (6,026)	\$ 167,062 \$ (6,026)	\$ 166,626 \$ (6,026)	\$ 166,189 \$ (6,026)	\$ 2,023,924 \$ (72,310)
Carryover from Prev Yr (2)	100	\$ 334,613	\$ 27.884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 27.884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 27,884	\$ 334,613
Revenue Requirements (3)		y 331,013	\$ 193,044	\$ 192,586	\$ 198,599	\$ 191,670	\$ 191,211	\$ 185,373	\$ 190,231	\$ 189,794	\$ 197,447	\$ 188,921	\$ 188,484	\$ 199,596	\$ 2,306,956
Revenue Collections (4)	D4		\$ 67,245	\$ 70,319	\$ 68,984	\$ 91,239	\$ 169,389	\$ 302,187	\$ 438,757	\$ 364,328	\$ 363,797	\$ 242,391	\$ 155,596	\$ 90,149	\$ 2,424,380
Carbon Offset Payments (5)			ş -	ş -	ş -	s -	s -	\$ -	ş -	ş -	\$ -	\$ -	s -	ş -	ş -
Balance (6) (7)			\$ 125,799	\$ 248,066	\$ 377,681	\$ 478,112	\$ 499,934	\$ 383,121	\$ 134,595	\$ (39,939)	\$ (206,289)	\$ (259,759)	\$ (226,871)	\$ (117,424)	\$ (117,424)
	Reference	Carryover	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Total -14
	Attachment	Balance	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
RA/SBG (1)	D1		\$ -	\$ -	\$ 10,926	\$ -	\$ -	\$ 2,960	\$ -	\$ -	\$ 3,678	ş -	ş -	\$ 5,251	\$ 22,815
Cast Iron	D2		\$ 165,752	\$ 165,316	\$ 164,879	\$ 164,442	\$ 164,005	\$ 163,569	\$ 163,193	\$ 162,776	\$ 162,360	\$ 161,944	\$ 161,528	\$ 161,112	\$ 1,960,876
Cast Iron O&M Credit	D3		\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	\$ (6,026)	6 ((000)	\$ (6,026)	\$ (6,026)	\$ (72,310)
Carryover from Prev Yr (2)				(-)/			(, , , , , ,					\$ (6,026)			
		\$ (117,424)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (117,424)
Revenue Requirements (3)		\$ (117,424)	\$ 149,941	\$ (9,785) \$ 149,504	\$ (9,785) \$ 159,994	\$ (9,785) \$ 148,631	\$ (9,785) \$ 148,194	\$ (9,785) \$ 150,718	\$ (9,785) \$ 147,382	\$ 146,965	\$ (9,785) \$ 150,227	\$ (9,785) \$ 146,133	\$ (9,785) \$ 145,717	\$ (9,785) \$ 150,551	\$ 1,793,958
Revenue Requirements (3) Revenue Collections (4)	D4	\$ (117,424)	\$ 149,941 \$ 71,882	\$ (9,785) \$ 149,504 \$ 56,922	\$ (9,785) \$ 159,994 \$ 59,361	\$ (9,785)	\$ (9,785)	\$ (9,785)	\$ (9,785)	. (,,)	\$ (9,785)	\$ (9,785)	\$ (9,785) \$ 145,717 \$ 117,969	\$ (9,785)	
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5)	D4	\$ (117,424)	\$ 149,941	\$ (9,785) \$ 149,504 \$ 56,922 \$ -	\$ (9,785) \$ 159,994 \$ 59,361 \$ -	\$ (9,785) \$ 148,631 \$ 82,810 \$ -	\$ (9,785) \$ 148,194	\$ (9,785) \$ 150,718 \$ 261,538 \$ -	\$ (9,785) \$ 147,382	\$ 146,965 \$ 262,900 \$ -	\$ (9,785) \$ 150,227	\$ (9,785) \$ 146,133 \$ 172,308 \$ -	\$ (9,785) \$ 145,717 \$ 117,969 \$ -	\$ (9,785) \$ 150,551 \$ 94,720 \$ -	\$ 1,793,958
Revenue Requirements (3) Revenue Collections (4)	D4	\$ (117,424)	\$ 149,941 \$ 71,882 \$ -	\$ (9,785) \$ 149,504 \$ 56,922	\$ (9,785) \$ 159,994 \$ 59,361	\$ (9,785) \$ 148,631	\$ (9,785) \$ 148,194 \$ 130,778 \$ -	\$ (9,785) \$ 150,718	\$ (9,785) \$ 147,382 \$ 296,717 \$ -	\$ 146,965	\$ (9,785) \$ 150,227 \$ 230,935 \$ -	\$ (9,785) \$ 146,133	\$ (9,785) \$ 145,717 \$ 117,969	\$ (9,785) \$ 150,551	\$ 1,793,958 \$ 1,838,840 \$ -
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5)	Reference	Carryover	\$ 149,941 \$ 71,882 \$ - \$ 78,059	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579)	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883)	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7)	Reference Attachment		\$ 149,941 \$ 71,882 \$ - \$ 78,059	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579)	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462)	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714)	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1)	Reference Attachment D1	Carryover	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ -	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ -	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096 Oct-15 Forecast \$ -	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ -	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast \$ 19,628	\$ (9,785) \$ 147,382 \$ 296,717 \$ 94,356 Jan-16 Forecast \$ -	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ -	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678	\$ (9,785) \$ 146,133 \$ 172,308 \$ \$ (128,462) Apr-16 Forecast \$	\$ (9,785) \$ 145,717 \$ 117,969 \$ (100,714) May-16 Forecast \$	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron	Reference Attachment D1 D2	Carryover	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ - \$ 159,031	\$ (9,785) \$ 150,718 \$ 261,538 \$ -243,691 Dec-15 Forecast \$ 19,628 \$ 158,615	\$ (9,785) \$ 147,382 \$ 296,717 \$ -5 \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ - \$ 157,858	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit	Reference Attachment D1	Carryover Balance	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696 \$ (6,026)	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026)	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026)	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ - \$ 159,031 \$ (6,026)	\$ (9,785) \$ 150,718 \$ 261,538 \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026)	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ - \$ 157,858 \$ (6,026)	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026)	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063 \$ (6,026)	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026)	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026)	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310)
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2)	Reference Attachment D1 D2	Carryover	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ 5 \$ 159,031 \$ (6,926) \$ (3,740)	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ - \$ 157,858 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740)	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883)
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3)	Reference Attachment D1 D2 D3	Carryover Balance	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696 \$ (6,026) \$ (3,740) \$ 150,930	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026) \$ (3,740) \$ 150,513	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,065	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096 Oct-15 Forecast \$ - \$ 159,447 \$ (6,026) \$ (3,740) \$ 149,681	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ - \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast \$ 158,615 \$ (6,026) \$ (3,740) \$ 168,476	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ -9 \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (3,740) \$ 148,091	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (6,026) \$ (3,740) \$ 151,372	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,297	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740) \$ 146,900	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,754	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883) \$ 1,817,833
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4)	Reference Attachment D1 D2	Carryover Balance	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696 \$ (6,026) \$ (3,740) \$ 150,930	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ 5 \$ 159,031 \$ (6,926) \$ (3,740)	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ - \$ 157,858 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740)	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740)	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883)
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3)	Reference Attachment D1 D2 D3	Carryover Balance	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ 160,696 \$ (6,026) \$ (3,740) \$ 150,930	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026) \$ (3,740) \$ 150,513	\$ (9,785) \$ 159,994 \$ 59,361 \$ - \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,065	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096 Oct-15 Forecast \$ - \$ 159,447 \$ (6,026) \$ (3,740) \$ 149,681	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ - \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265	\$ (9,785) \$ 150,718 \$ 261,538 \$ - \$ 243,691 Dec-15 Forecast \$ 158,615 \$ (6,026) \$ (3,740) \$ 168,476	\$ (9,785) \$ 147,382 \$ 296,717 \$ - \$ 94,356	\$ 146,965 \$ 262,900 \$ -9 \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (3,740) \$ 148,091	\$ (9,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (6,026) \$ (3,740) \$ 151,372	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462) Apr-16 Forecast \$ - \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,297	\$ (9,785) \$ 145,717 \$ 117,969 \$ - \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740) \$ 146,900	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,754	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883) \$ 1,817,833
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5)	Reference Attachment D1 D2 D3	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ - \$ (6,026) \$ (3,740) \$ 150,930 \$ 88,436 \$ 5 62,494	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,279 \$ (6,026) \$ (6,026) \$ 150,513 \$ 100,324 \$ - \$ 112,683	\$ (9,785) \$ 159,994 \$ 59,361 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,065 \$ (7,722) \$ 2 200,026	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096 Oct-15 Forecast \$ 159,447 \$ (6,026) \$ (3,740) \$ 149,681 \$ 110,038 \$ - \$ 239,669	\$ (9,785) \$ 148,194 \$ 130,778 \$ 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ 1 212,039	\$.0,785) \$.150,718 \$.150,718 \$.261,538 \$ \$.243,691 Dec-15 Forecast \$.19,628 \$.158,615 \$.3,740 \$.168,476 \$.237,778 \$ \$.143,638	\$ (9,785) \$ 147,382 \$ 296,717 \$ 94,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ - \$ 157,858 \$ (6,026) \$ (3,740) \$ 148,091 \$ 244,629 \$ - \$ (87,550)	\$ 0,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287)	\$ (9,785) \$ 146,133 \$ 172,308 \$ - \$ (128,462)	\$ (9,785) \$ 145,717 \$ 179,69 \$ 179,69 \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740) \$ 103,328 \$ - \$ (76,588)	\$ (9,785) \$ 150,551 \$ 94,720 \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,754 \$ 74,922 \$ - \$ 243	\$ 1,793,958 \$ 1,838,840 \$ \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883) \$ 1,817,833 \$ 1,817,590 \$ - \$ 243
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5)	Reference Attachment D1 D2 D3	Carryover Balance	\$ 149,941 \$ 71,882 \$ - \$ 78,059	\$ (9,785) \$ 149,504 \$ 56,922 \$ 170,641 Aug-15 Forecast \$ 160,279 \$ (6,026) \$ (3,740) \$ 150,513 \$ 100,324 \$ -	\$ (9,785) \$ 159,994 \$ 59,361 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,065 \$ 67,722 \$ -7.725	\$ (9,785) \$ 148,631 \$ 82,810 \$ - \$ 337,096 Oct-15 Forecast \$ - \$ 159,447 \$ (6,026) \$ (3,740) \$ 149,681 \$ 110,038 \$ -	\$ (9,785) \$ 148,194 \$ 130,778 \$ 354,512 Nov-15 Forecast \$ 159,031 \$ (6,926) \$ (3,740) \$ 149,265 \$ 175,995 \$ 175,995	\$ (9,785) \$ 150,718 \$ 261,538 \$ 243,691 Dec-15 Forecast \$ 158,615 \$ (6,026) \$ (3,740) \$ 168,476 \$ 237,778	\$ (9,785) \$ 147,382 \$ 296,717 \$ 94,356 Jan-16 Forecast \$ - \$ 158,255 \$ (6,026) \$ (3,740) \$ 148,489 \$ 283,139 \$ -	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (3,740) \$ 148,091 \$ 244,629 \$ -	\$ (9,785) \$ 150,227 \$ 230,935 \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (3,740) \$ 151,372 \$ 203,538 \$ -	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,297 \$ 127,742 \$	\$ (9,785) \$ 145,717 \$ 117,969 \$ (100,714) May-16 Forecast \$ - \$ 156,666 \$ (6,026) \$ (3,740) \$ 146,900 \$ 103,328 \$ -	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,754 \$ 74,922 \$ -	\$ 1,793,958 \$ 1,838,840 \$ - \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (44,883) \$ 1,817,833 \$ 1,817,833
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5)	Reference Attachment D1 D2 D3 D4	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ 160,696 \$ (6,026) \$ (6,026) \$ (8,026) \$ (8,0	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,226 \$ (6,926) \$ (3,740) \$ 100,324 \$ 112,683 Aug-16	\$ (2,785) \$ 159,994 \$ 59,61 \$ 271,275	\$ (2,785) \$ 148,631 \$ 82,810 \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ 212,939	\$ 0,785) \$ 150,718 \$ 261,538 \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740) \$ 168,476 \$ 237,778 \$ 143,638	\$ (9,785) \$ 147,382 \$ 296,717 \$ 9-4,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ 148,091 \$ 244,629 \$ - \$ (87,550) Feb-17	\$ 0,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (6,026) \$ (6,026) \$ (3,740) \$ 151,372 \$ 203,538 \$ - \$ (139,716)	\$ (9,785) \$ 146,133 \$ 172,30 \$ (128,462) Apr-16 Forecast \$ - 6,026) \$ (6,026) \$ (3,740) \$ 127,742 \$ - 7 \$ (120,160) Apr-17	\$ (9,785) \$ 145,717 \$ 117,90 \$ 5 (100,714) May-16 Forecast \$ - 6 \$ 156,666 \$ (6,026) \$ (3,740) \$ 103,328 \$ 76,588] May-17	\$ (9,785) \$ 150,551 \$ 9,720 \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,734 \$ 74,922 \$ - \$ 243	\$ 1,793,958 \$ 1,838,840 \$ 5 (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (72,310) \$ (22,310) \$ 1,817,590 \$ 1,817,590 \$ -243
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7)	Reference Attachment D1 D2 D3 D4 Reference Attachment	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ - \$ 78,059 Jul-15 Forecast \$ 160,696 \$ (6,026) \$ (6,026) \$ (8,026) \$ (8,0	\$ (9,785) \$ 149,504 \$ 56,922 \$ - \$ 170,641 Aug-15 Forecast \$ - \$ 160,226 \$ (6,926) \$ (3,740) \$ 100,324 \$ 112,683 Aug-16	\$ (2,785) \$ 159,994 \$ 59,361 \$ 271,275	\$ (2,785) \$ 148,631 \$ 82,810 \$ 337,096	\$ (9,785) \$ 148,194 \$ 130,778 \$ - \$ 354,512 Nov-15 Forecast \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ 212,939	\$ 0,785) \$ 150,718 \$ 261,538 \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740) \$ 168,476 \$ 237,78 \$ 1,740 \$ 1	\$ (9,785) \$ 147,382 \$ 296,717 \$ 9-4,356	\$ 146,965 \$ 262,900 \$ - \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ 148,091 \$ 244,629 \$ - \$ (87,550) Feb-17	\$ 0,785) \$ 150,227 \$ 230,935 \$ - \$ (102,287) Mar-16 Forecast \$ 3,678 \$ 157,460 \$ (60,26) \$ (3,740) \$ 151,372 \$ 203,538 \$ 203,538 \$ (139,716)	\$ (9,785) \$ 146,133 \$ 172,30 \$ (128,462) Apr-16 Forecast \$ - 6,026) \$ (6,026) \$ (3,740) \$ 127,742 \$ - 7 \$ (120,160) Apr-17	\$ (9,785) \$ 145,717 \$ 117,90 \$ \$ (100,714) May-16 Forecast \$ - 6 \$ 156,666 \$ (6,026) \$ (3,740) \$ 103,328 \$ 76,588	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,740) \$ 151,754 \$ - \$ 243 Jun-17 Forecast	\$ 1,793,988 \$ 1,838,840 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,2901,501 \$ (24,883) \$ 1,817,833 \$ 1,817,590 \$ 243
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7)	Reference Attachment D1 D2 D3 D4 Reference Attachment D1	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ - \$ \$ 78,059 \$ 160,696 \$ (6,026) \$ 150,930 \$ 188,436 \$ 62,494 Jul-16 Forecast	\$ (9,785) \$ 149,504 \$ 56,922 \$ 5 - \$ 170,641 Aug-15 Forecast \$ 160,279 \$ (6,026) \$ (3,740) \$ 190,324 \$ 1 12,683 Aug-16 Forecast \$ - \$ 112,683	\$ (2,785) \$ 159,994 \$ 5,36 \$ 271,275 \$ 271,275 \$ 159,863 \$ (6,026) \$ (3,740) \$ (3,740) \$ (3,740) \$ (2,722) \$ 150,063 \$ (7,722) \$ 200,026 \$ 200,026 \$ 200,026 \$ 200,026 \$ 200,026 \$ 3,400 \$ 4,968	\$ (2,785) \$ 1448,631 \$ 2,810 \$ 2,810 \$ 0ct-15 Forecast \$ (6,026) \$ (5,740) \$ 110,038 \$ 1-9,647 \$ 0cf,026 \$	\$ (9,785) \$ 148,194 \$ 130,778 \$ 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ - \$ 212,939	\$ 0,785) \$ 150,718 \$ 150,718 \$ 261,538 \$	\$ 0,785) \$ 147,382 \$ 296,71 \$ 94,356 Jan-16 Forecast \$ 158,255 \$ (6,026) \$ (3,740) \$ 148,489 \$ 283,139 \$ - \$ 8,988 Jan-17 Forecast Jan-17 Forecast F	\$ 146,965 \$ 262,900 \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (3,740) \$ 148,091 \$ 244,629 \$ (87,550) Feb-17 Feb-17 Froccast \$.	\$ 0,785) \$ 150,227 \$ 230,93 \$ (102,287)	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,297 \$ 127,742 \$ - \$ (120,160) Apr-17 Forecast	\$ (9,785) \$ 145,717 \$ 117,90 \$ (100,714) May-16 Forecast \$ 156,666 \$ (6,026) \$ (3,740) \$ 103,328 \$ - \$ (76,588) May-17 Forecast \$ (76,588)	\$ (9,785) \$ 150,551 \$ 94,720 \$ - \$ (44,883) Jun-16 Forecast \$ 5,251 \$ 156,269 \$ (6,926) \$ (3,740) \$ 151,754 \$ 74,922 \$ 243 Jun-17 Forecast \$ 243	\$ 1,793,988 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ (72,310) \$ (44,883) \$ 1,817,590 \$ 1,817,590 \$ 243 Total -16 Forecast \$ 33,524
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2)	Reference Attachment D1 D2 D3 D4 Reference Attachment D1 D2 D1 D2 D2 D3	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ 78,059	\$ (9,785) \$ 149,504 \$ 56,922 \$ 170,641 Aug-15 Forecast \$ 160,279 \$ (6,026) \$ 130,324 \$ 1 12,683 Aug-16 Forecast \$ 112,683 Aug-16 Forecast \$ 150,513 \$ 112,683 \$ 150,513 \$ 125,475 \$ 20,026 \$ 20,	\$ 159,094 \$ 159,094 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,063 \$ 67,722 \$ 200,026 \$ 200,026 \$ 155,058 \$ 4,968 \$ 155,078 \$ 4,968 \$ 155,078 \$ 155,078 \$ 20,0026 \$ 20,0026 \$ 20,0026	\$ (0,785) \$ 148,631 \$ 82,810 \$ 70ct-15 Forecast \$ (6,020) \$ (3,740) \$ (3,740) \$ (10,038) \$ (2,96) \$ (2,66) \$ (2,66) \$ (3,740)	\$ (0,785) \$ 148,194 \$ 130,778 \$ 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ - \$ 212,939 Nov-16 Forecast \$ (6,026) \$ (6,026)	\$.0,785) \$.150,718 \$.261,538 \$243,691 Dec-15 Forecast \$.158,615 \$.(6,026) \$.168,476 \$.237,778 \$ \$.143,638 Dec-16 Forecast \$.19,628 \$.133,886 \$.158,638 \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$.237,788 \$.287,838 \$	\$ 0,785) \$ 147,382	\$ 146,965 \$ 262,900 \$ (21,579) Feb-16 Forecast \$ 157,888 \$ (6,026) \$ (3,740) \$ 148,091 \$ 244,629 \$. (87,550) Feb-17 Forecast \$. (87,550)	\$ 0,785) \$ 150,227 \$ 230,328 \$ 102,287) Mar-16 Forecast \$ 157,460 \$ (6,026) \$ (3,3740) \$ 151,372 \$ 203,538 \$ 1 52,373 \$ (139,716) Mar-17 Forecast \$ 3,678 \$ 152,237 \$ 26,026 \$ 152,237 \$ 26,026 \$ 20	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ 147,297 \$ 127,742 \$ - \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-15 Forecast \$ (120,160) Apr-16 Forecast \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-18 Forecast \$ (120,160) Apr-19 Forecast \$ (120,160)	\$ (9,785) \$ 145,717 \$ 117,96 \$ (100,714) May-16 Forecast \$ (6,026) \$ (4,026) \$ 146,900 \$ 103,328 \$ - \$ (76,588) May-17 Forecast \$ (76,588) May-16 \$ (8,026) \$ (8,026)	\$ (9,785) \$ 150,551 \$ 94,720 \$ 144,883 \$ (44,883) \$ 156,269 \$ (6,026) \$ 151,754 \$ 74,922 \$ - 2 \$ 243 \$ 150,768 \$ 160,768 \$ 160	\$ 1,793,988 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ (72,310) \$ (44,883) \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 2,43 Total -16 Forecast \$ 33,524 \$ (72,310) \$ 243
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Collections (4) Carbon Offset Payments (5) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3)	Reference Attachment D1 D2 D3 D4 Reference Attachment D1 D2 D3	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ 78,059 Jul-15 Forecast \$ (6,026) \$ (3,740) \$ 150,930 \$ 58,436 \$ - \$ 62,494 Jul-16 Forecast \$ (6,026) \$ (84,94) \$ (6,026) \$ (6,026)	\$ (9,785) \$ 149,504 \$ 56,922 \$ 170,641 Aug-15 Forecast \$ -7 \$ (6,026) \$ (3,740) \$ 105,131 \$ 105,131 \$ 112,683 Aug-16 Forecast \$ 155,475 \$ (6,026) \$ (6,026) \$ 112,683	\$ (2,785) \$ 159,994 \$ 59,361 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ (6,026) \$ (3,740) \$ (3,740) \$ (7,722) \$ - 2 \$ 200,026 Sep-16 Forecast \$ 4,968 \$ 155,063 \$ (6,026) \$ 155,078 \$ (6,026) \$ (6,0	\$ (0,785) \$ 1448,631 \$ 2,810 \$ 337,096 Oct-15 Forecast (6,026) (3,740)	\$ (0,785) \$ 148,194 \$ 130,778 \$ 5 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ - \$ 212,939 Nov-16 Forecast \$ - \$ (6,026) \$ (3,740) \$ (4,026) \$ (175,095) \$ (175,095)	\$ 0,785) \$ 150,718 \$ 150,718 \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740) \$ 164,763 \$ 154,638 Dec-16 Forecast \$ 19,628 \$ 153,886 \$ (6,026) \$ (6,026) \$ 153,886 \$ (6,026) \$ 153,886 \$ (6,026) \$ 153,886	\$.0,785) \$ 147,382 \$ 296,71 \$ 94,356 Jan-16 Forecast \$ - S \$ (6,026) \$ (3,740) \$ 148,489 \$ 283,139 \$ - S \$ 8,988 Jan-17 Forecast \$ (6,026) \$ (6,026) \$ (6,026) \$ (7,740) \$ (7,740) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (9,026) \$ (9,026) \$ (9,026) \$ (147,211)	\$ 146,965 \$ 262,900 \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (37,740) \$ 148,091 \$ 244,622 \$ (87,550) Feb-17 Forecast \$ 152,727 \$ (6,026) \$ 152,727 \$ (6,026) \$ 124,022 \$ 152,727 \$ (6,026) \$ 20,020 \$ 146,721	\$ 0,785) \$ 150,227 \$ 230,287	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,207 \$ 127,742 \$ - \$ (120,160) Apr-17 Forecast \$ - \$ (6,026) \$ (120,160) \$ (120,1	\$ (9,785) \$ 145,717 \$ 117,96 \$ (100,714) May-16 Forecast \$ -5 \$ (6,026) \$ (3,740) \$ 146,900 \$ 103,328 \$ -5 \$ (76,588) May-17 Forecast \$ -7 \$ (6,026) \$ (76,588)	\$ (9,785) \$ 150,551 \$ 94,720 \$	\$ 1,793,988 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (44,883) \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,802,835
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Collections (4) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4)	Reference Attachment D1 D2 D3 D4 Reference Attachment D1 D2 D1 D2 D2 D3	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ 78,059	\$ (9,785) \$ 149,504 \$ 56,922 \$ 170,641 Aug-15 Forecast \$ 160,279 \$ (6,026) \$ 130,324 \$ 1 12,683 Aug-16 Forecast \$ 112,683 Aug-16 Forecast \$ 150,513 \$ 112,683 \$ 150,513 \$ 125,475 \$ 20,026 \$ 20,	\$ (2,785) \$ 159,994 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ 159,863 \$ (6,026) \$ (3,740) \$ 155,065 \$ 67,722 \$ 200,026 Sep-16 Forecast \$ 4,968 \$ 150,026 \$ (6,026) \$ (6,026) \$ (6,026) \$ (7,722 \$ (6,026) \$ (6,	\$ (0,785) \$ 148,631 \$ 82,810 \$ 70ct-15 Forecast \$ (6,020) \$ (3,740) \$ (3,740) \$ (10,038) \$ (2,96) \$ (2,66) \$ (2,66) \$ (3,740)	\$ (0,785) \$ 148,194 \$ 130,778 \$ 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ - \$ 212,939 Nov-16 Forecast \$ (6,026) \$ (6,026)	\$.0,785) \$.150,718 \$.261,538 \$243,691 Dec-15 Forecast \$.158,615 \$.(6,026) \$.168,476 \$.237,778 \$ \$.143,638 Dec-16 Forecast \$.19,628 \$.133,886 \$.158,638 \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$ \$.237,788 \$.237,788 \$.287,838 \$	\$ 0,785) \$ 147,382	\$ 146,965 \$ 262,900 \$ (21,579) Feb-16 Forecast \$ 157,888 \$ (6,026) \$ (3,740) \$ 148,091 \$ 244,629 \$. (87,550) Feb-17 Forecast \$. (87,550)	\$ 0,785) \$ 150,227 \$ 230,328 \$ 102,287) Mar-16 Forecast \$ 157,460 \$ (6,026) \$ (3,3740) \$ 151,372 \$ 203,538 \$ 1 52,373 \$ (139,716) Mar-17 Forecast \$ 3,678 \$ 152,237 \$ 26,026 \$ 152,237 \$ 26,026 \$ 20	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ 147,297 \$ 127,742 \$ - \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-15 Forecast \$ (120,160) Apr-16 Forecast \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-17 Forecast \$ (120,160) Apr-18 Forecast \$ (120,160) Apr-19 Forecast \$ (120,160)	\$ (9,785) \$ 145,717 \$ 117,900 \$ 1 \$ (100,714) May-16 Forecast \$ (6,026) \$ 13,328 \$ 146,900 \$ 103,328 \$ - \$ (76,588) May-17 Forecast \$ (6,026) \$ 15,666 \$ (6,026) \$ 15,588 \$ - \$ (76,588) May-17 Forecast \$ 15,666 \$ (6,026) \$ 103,328 \$ 103,	\$ (9,785) \$ 150,551 \$ 94,720 \$ 1-16 Forecast \$ 5,251 \$ 156,269 \$ (6,026) \$ (3,749) \$ 151,754 \$ 74,922 \$ 243 Jun-17 Forecast \$ 5,251 \$ 150,768 \$ (6,026) \$ (6,026) \$ 150,025 \$ 150,768 \$ 1	\$ 1,793,988 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ (72,310) \$ (44,883) \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 2,43 Total -16 Forecast \$ 33,524 \$ (72,310) \$ 243
Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3) Revenue Collections (4) Carbon Offset Payments (5) Balance (6) (7) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Collections (4) Carbon Offset Payments (5) RA/SBG (1) Cast Iron Cast Iron O&M Credit Carryover from Prev Yr (2) Revenue Requirements (3)	Reference Attachment D1 D2 D3 D4 Reference Attachment D1 D2 D3	Carryover Balance \$ (44,883)	\$ 149,941 \$ 71,882 \$ 78,059 Jul-15 Forecast \$ (6,026) \$ (3,740) \$ 150,930 \$ 58,436 \$ - \$ 62,494 Jul-16 Forecast \$ (6,026) \$ (84,94) \$ (6,026) \$ (6,026)	\$ (9,785) \$ 149,504 \$ 56,922 \$ 170,641 Aug-15 Forecast \$ -7 \$ (6,026) \$ (3,740) \$ 105,131 \$ 105,131 \$ 112,683 Aug-16 Forecast \$ 155,475 \$ (6,026) \$ (6,026) \$ 112,683	\$ (2,785) \$ 159,994 \$ 59,361 \$ 271,275 Sep-15 Forecast \$ 4,968 \$ (6,026) \$ (3,740) \$ (3,740) \$ (7,722) \$ - 2 \$ 200,026 Sep-16 Forecast \$ 4,968 \$ 155,063 \$ (6,026) \$ 155,078 \$ (6,026) \$ (6,0	\$ (0,785) \$ 1448,631 \$ 2,810 \$ 337,096 Oct-15 Forecast (6,026) (3,740)	\$ (0,785) \$ 148,194 \$ 130,778 \$ 5 354,512 Nov-15 Forecast \$ 159,031 \$ (6,026) \$ (3,740) \$ 149,265 \$ 175,995 \$ - \$ 212,939 Nov-16 Forecast \$ - \$ (6,026) \$ (3,740) \$ (4,026) \$ (175,095) \$ (175,095)	\$ 0,785) \$ 150,718 \$ 150,718 \$ 243,691 Dec-15 Forecast \$ 19,628 \$ 158,615 \$ (6,026) \$ (3,740) \$ 164,763 \$ 154,638 Dec-16 Forecast \$ 19,628 \$ 153,886 \$ (6,026) \$ (6,026) \$ 153,886 \$ (6,026) \$ 153,886 \$ (6,026) \$ 153,886	\$.0,785) \$ 147,382 \$ 296,71 \$ 94,356 Jan-16 Forecast \$ - S \$ (6,026) \$ (3,740) \$ 148,489 \$ 283,139 \$ - S \$ 8,988 Jan-17 Forecast \$ (6,026) \$ (6,026) \$ (6,026) \$ (7,740) \$ (7,740) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (8,026) \$ (9,026) \$ (9,026) \$ (9,026) \$ (147,211)	\$ 146,965 \$ 262,900 \$ (21,579) Feb-16 Forecast \$ 157,858 \$ (6,026) \$ (37,740) \$ 148,091 \$ 244,622 \$ (87,550) Feb-17 Forecast \$ 152,727 \$ (6,026) \$ 152,727 \$ (6,026) \$ 124,022 \$ 152,727 \$ (6,026) \$ 20,020 \$ 146,721	\$ 0,785) \$ 150,227 \$ 230,287	\$ (9,785) \$ 146,133 \$ 172,308 \$ (128,462) Apr-16 Forecast \$ 157,063 \$ (6,026) \$ (3,740) \$ 147,207 \$ 127,742 \$ - \$ (120,160) Apr-17 Forecast \$ - \$ (6,026) \$ (120,160) \$ (120,1	\$ (9,785) \$ 145,717 \$ 117,96 \$ (100,714) May-16 Forecast \$ -5 \$ (6,026) \$ (3,740) \$ 146,900 \$ 103,328 \$ -5 \$ (76,588) May-17 Forecast \$ -7 \$ (6,026) \$ (76,588)	\$ (9,785) \$ 150,551 \$ 94,720 \$	\$ 1,793,988 \$ 1,838,840 \$ (44,883) Total -15 Forecast \$ 33,524 \$ 1,901,501 \$ (44,883) \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,817,833 \$ 1,802,835

- Notes:
 (1) RA/SBG actual expenses are for invoiced amounts. Refer to Attachment D1 for supporting detail for amounts beginning in 2014.
 (2) The Carryover from Previous Year is the Balance (Revenue Requirements minus Revenue Collections) from the preceeding year. That total is divided by 12 to spread the Carryover evenly throughout the year.
 (3) Revenue Requirements are the total SEP revenue requirements for the year plus the Carryover from the previous year.
 (4) Revenue Collections are actual through January 2015 and forecasts thereafter.
 (5) The Company does not forecast any carbon offset payments related to the gas east iron pipe project.
 (6) Balance is the amount (over) under collected or the difference between the total revenue requirements and the amount of revenue received from customers under this Rider.

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Gas Tracker

	2013-2014 SEP Period 2014-2015 SEP Period												
	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	
	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	Total
Natural Gas costs (RR) (Docket 14-185)	190,151	193,348	189,278	188,841	191,097	160,031	159,594	161,254	158,720	158,283	170,043	157,467	2,078,107
-	Feb-14 Actual	Mar-14 Actual	Apr-14 Actual	May-14 Actual	Jun-14 Actual	Jul-14 Actual	Aug-14 Actual	Sep-14 Actual	Oct-14 Actual	Nov-14 Actual	Dec-14 Actual	Jan-15 Actual	Total
Natural Gas costs (RR) (Docket 15)	189,794	197,447	188,921	188,484	199,596	159,726	159,289	169,779	158,416	157,979	160,503	157,167	2,087,102
Variance Forecast vs.													
actual-Gas	357	-4,098	357	357	-8,498	305	305	-8,525	304	304	9,540	300	-8,994

		2013-	-2014 SEP Pe	eriod		2014-2015 SEP Period							
	Feb-14 Forecast	Mar-14 Forecast	Apr-14 Forecast	May-14 Forecast	Jun-14 Forecast	Jul-14 Forecast	Aug-14 Forecast	Sep-14 Forecast	Oct-14 Forecast	Nov-14 Forecast	Dec-14 Forecast	Jan-15 Forecast	Total
Gas Revenue (Docket 14-185)	318,076	264,495	172,225	130,929	87,456	98,468	100,094	81,285	109,818	187,797	270,109	321,903	2,142,654
	Feb-14 <u>Actual</u>	Mar-14 <u>Actual</u>	Apr-14 <u>Actual</u>	May-14 <u>Actual</u>	Jun-14 <u>Actual</u>	Jul-14 <u>Actual</u>	Aug-14 <u>Actual</u>	Sep-14 <u>Actual</u>	Oct-14 <u>Actual</u>	Nov-14 <u>Actual</u>	Dec-14 <u>Actual</u>	Jan-15 <u>Actual</u>	Total
Gas Revenue (Docket 15)	364,328	363,797	242,391	155,596	90,149	71,882	56,922	59,361	82,810	130,778	261,538	296,717	2,176,269
Variance Forecast vs. actual-Gas	-46,252	-99,302	-70,166	-24,667	-2,693	26,586	43,171	21,925	27,008	57,019	8,570	25,186	-33,610

Net Result -42,610

The highlighted data has been adusted to avoid double counting the carryover balance from the prior SEP Period 2013-2014.

Gas Tracker Detail RA/SBG

Part A: Monthly % of RA/SBG costs AS IF adjustment hadn't been made

			RA/SBG w/o	Monthly % w/o
		RA/SBG Invoice	Adjustment (1)	Adjustment (2)
Jan-14	Actual	-	-	=
Feb-14	Actual	-	-	-
Mar-14	Actual	8,089	8,089	11%
Apr-14	Actual	-	-	-
May-14	Actual	-	-	-
Jun-14	Actual	11,548	11,548	16%
Jul-14	Actual	-	-	-
Aug-14	Actual	-	-	-
Sep-14	Actual	10,926	10,926	15%
Oct-14	Actual	-	-	-
Nov-14	Actual	-	-	-
Dec-14	Actual	2,960	43,170	59%
Annual		\$ 33,524	\$ 73,734	

Part B: Forecast of Monthly Payments based on previous year's Invoice total * Monthly % w/o Adjustment

		Previous Annual Invoice	Monthly % w/o Adjustment (2)	Monthly Payment
Jan-15	Forecast	\$ 33,524	0%	\$ -
Feb-15	Forecast	\$ 33,524	0%	\$ -
Mar-15	Forecast	\$ 33,524	11%	\$ 3,678
Apr-15	Forecast	\$ 33,524	0%	\$ -
May-15	Forecast	\$ 33,524	0%	\$ -
Jun-15	Forecast	\$ 33,524	16%	\$ 5,251
Jul-15	Forecast		0%	\$ 5,231
· ·			0%	\$ -
Aug-15	Forecast			-
Sep-15	Forecast	\$ 33,524	15%	
Oct-15	Forecast	\$ 33,524	0%	\$ -
Nov-15	Forecast	\$ 33,524	0%	\$ -
Dec-15	Forecast	\$ 33,524	59%	\$ 19,628
Jan-16	Forecast	\$ 33,524	0%	\$ -
Feb-16	Forecast	\$ 33,524	0%	\$ -
Mar-16	Forecast	\$ 33,524	11%	\$ 3,678
Apr-16	Forecast	\$ 33,524	0%	\$ -
May-16	Forecast	\$ 33,524	0%	\$ -
Jun-16	Forecast	\$ 33,524	16%	\$ 5,251
Jul-16	Forecast	\$ 33,524	0%	\$ -
Aug-16	Forecast	\$ 33,524	0%	\$ -
Sep-16	Forecast	\$ 33,524	15%	\$ 4,968
Oct-16	Forecast	\$ 33,524	0%	\$ -
Nov-16	Forecast	\$ 33,524	0%	\$ -
Dec-16	Forecast	\$ 33,524	59%	\$ 19,628
Jan-17	Forecast	\$ 33,524	0%	\$ -
Feb-17	Forecast	\$ 33,524	0%	\$ -
Mar-17	Forecast	\$ 33,524	11%	\$ 3,678
Apr-17	Forecast	\$ 33,524	0%	\$ -
May-17	Forecast	\$ 33,524	0%	\$ -
Jun-17	Forecast	\$ 33,524	16%	\$ 5,251

Notes

⁽¹⁾ An adjustment is made each December by the Department of Commerce so that the Company is paying only its required portion of indirect costs.

⁽²⁾ In order to smooth the forecast the Company calculates the percentage of costs AS IF an adjustment had not been made and then applies that percentage to the annual invoice.

					Gas Tracl	ker Detail							
			Cast Iron					•					
Rate Base	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Annual-13
Plus CWIP Ending Balance	0	0	0	0	0	0	0	0	0	0	0	0	(
Plus Plant In-Service	13,736,109	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108
Less Book Depreciation Reserve Less Accum Deferred Taxes	729,930	759,183	788,436	817,689	846,942	876,194	905,447	934,700	963,953	993,206	1,022,459	1,051,711	1,051,711
Less Accum Deterred Taxes End Of Month Rate Base	551,094 12,455,085	570,205 12,406,720	589,317 12,358,355	608,429 12,309,991	627,541 12,261,626	646,653 12,213,261	663,489 12,167,172	680,326 12,121,082	697,163 12,074,993	714,000 12,028,903	730,836 11,982,813	747,673 11,936,724	747,673 11,936,724
Average Rate Base (BOM/EOM)	12,479,267	12,430,902	12,382,537	12,334,173	12,285,808	12,237,444	12,190,217	12,144,127	12,098,037	12,051,948	12,005,858	11,959,769	12,216,674
Calculation of Return Plus Debt Return	24,231	24,137	24,043	23,949	23,855	23,761	23,669	23,580	23,490	23,401	23,311	23.222	284,649
Plus Equity Return	55,117	54,903	54,690	54,476	54,262	54,049	53,840	53,637	53,433	53,229	53,026	52,822	647,484
Total Return	79,347	79,040	78,732	78,425	78,117	77,810	77,509	77,216	76,923	76,630	76,337	76,044	932,132
Income Statement Items													
Plus Property Taxes	24,127	24,127	24,127	24,127	24,127	24,127	24,011	24,011	24,011	24,011	24,011	24,011	288,830
Plus Book Depreciation Plus Deferred Taxes	29,253 19,112	29,253 19,112	29,253 19,112	29,253 19,112	29,253 19,112	29,253 19,112	29,253 16,837	29,253 16,837	29,253 16,837	29,253 16,837	29,253 16,837	29,253 16,837	351,03- 215,69
Plus Current Taxes	19,346	19,196	19,045	18,894	18,743	18,593	20,763	20,619	20,475	20,332	20,188	20,044	236,23
Total Income Statement Expense	91,838	91,688	91,537	91,386	91,235	91,085	90,863	90,719	90,576	90,432	90,288	90,145	1,091,792
Total Revenue Requirements	171,186	170,727	170,269	169,811	169,353	168,894	168,372	167,936	167,499	167,062	166,626	166,189	2,023,924
Jurisdictional Revenue Requirement	171,186	170,727	170,269	169,811	169,353	168,894	168,372	167,936	167,499	167,062	166,626	166,189	2,023,924
Bass Bass	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Annual-14
Rate Base Plus CWIP Ending Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plus Plant In-Service	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108
Less Book Depreciation Reserve	1,080,964	1,110,217	1,139,470	1,168,723	1,197,976	1,227,228	1,256,481	1,285,734	1,314,987	1,344,240	1,373,492	1,402,745	1,402,74
Less Accum Deferred Taxes End Of Month Rate Base	764,510 11,890,634	781,347 11,844,545	798,183 11,798,455	815,020 11,752,365	831,857 11,706,276	848,694 11,660,186	863,366 11,616,261	878,038 11,572,336	892,710 11,528,411	907,382 11,484,486	922,055 11,440,561	936,727 11,396,636	936,72
Average Rate Base (BOM/EOM)	11,890,634	11,844,545	11,798,455	11,775,410	11,729,321	11,683,231	11,638,224	11,572,336	11,528,411	11,484,486	11,440,561	11,418,599	11,663,433
	0	0	0	0	0	0	0	0	0	0	0	0	(
Calculation of Return Plus Debt Return	0 23,132	23,043	0 22,953	0 22,864	0 22,774	0 22,685	0 22,598	0 22,512	0 22,427	0 22,342	0 22,256	0 22,171	271,758
Plus Debt Return Plus Equity Return	52,619	52,415	52,212	52,008	51,804	51,601	51,402	51,208	51,014	50,820	50,626	50,432	618,162
Total Return	75,751	75,458	75,165	74,872	74,579	74,286	74,000	73,720	73,441	73,162	72,883	72,603	889,920
Income Statement Items													
Plus Property Taxes	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	288,130
Plus Book Depreciation	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	351,034
Plus Deferred Taxes	16,837	16,837	16,837	16,837	16,837	16,837	14,672	14,672	14,672	14,672	14,672	14,672	189,054
Plus Current Taxes Total Income Statement Expense	19,901 90,001	19,757 89,857	19,613 89,714	19,470 89,570	19,326 89,427	19,183 89,283	21,257 89,193	21,120 89,056	20,983 88,919	20,846 88,782	20,710 88,645	20,573 88,508	242,739 1,070,956
Total Revenue Requirements Jurisdictional Revenue Requirement	165,752 165,752	165,316 165,316	164,879 164,879	164,442 164,442	164,005 164,005	163,569 163,569	163,193 163,193	162,776 162,776	162,360 162,360	161,944 161,944	161,528 161,528	161,112 161,112	1,960,876 1,960,876
	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Annual-15
Rate Base	-									•			
Plus CWIP Ending Balance	0	0	0	0	0	0	0	0	0	0	0	0	42.724.400
Plus Plant In-Service Less Book Depreciation Reserve	13,736,108 1,431,998	13,736,108 1,461,251	13,736,108 1,490,504	13,736,108 1,519,757	13,736,108 1,549,009	13,736,108 1,578,262	13,736,108 1,607,515	13,736,108 1,636,768	13,736,108 1,666,021	13,736,108 1,695,274	13,736,108 1,724,526	13,736,108 1,753,779	13,736,108
Less Accum Deferred Taxes	951,399	966,071	980,743	995,415	1,010,087	1,024,760	1,037,422	1,050,084	1,062,747	1,075,409	1,088,072	1,100,734	1,100,734
End Of Month Rate Base	11,352,711	11,308,786	11,264,861	11,220,936	11,177,012	11,133,087	11,091,171	11,049,256	11,007,341	10,965,426	10,923,510	10,881,595	10,881,595
Average Rate Base (BOM/EOM)	11,374,674	11,330,749 0	11,286,824	11,242,899	11,198,974 0	11,155,049 0	11,112,129	11,070,214 0	11,028,298	10,986,383	10,944,468	10,902,553	11,136,101
Calculation of Return	0	0	0	0	0	0	0	0	0	0	0	0	0
Plus Debt Return	22,086 50,238	22,001 50,044	21,915	21,830	21,745	21,659	21,576 49,079	21,495 48,893	21,413	21,332	21,251	21,169 48,153	259,471
Plus Equity Return Total Return	72,324	72,045	49,850 71,765	49,656 71,486	49,462 71,207	49,268 70,928	70,655	70,388	48,708 70,122	48,523 69,855	48,338 69,589	69,322	590,213 849,685
Income Statement Items													
Plus Property Taxes	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	24,011	288,130
Plus Book Depreciation	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	351,034
Plus Deferred Taxes Plus Current Taxes	14,672 20,436	14,672 20,299	14,672 20.162	14,672 20.025	14,672 19,888	14,672 19,751	12,662 21.674	12,662 21.543	12,662 21.413	12,662 21.282	12,662 21.151	12,662 21.021	164,007 248,640
Total Income Statement Expense	88,372	88,235	88,098	87,961	87,824	87,687	87,600	87,469	87,339	87,208	87,078	86,947	1,051,817
Total Revenue Requirements	160,696	160,279	159,863	159,447	159,031	158,615	158,255	157,858	157,460	157,063	156,666	156,269	1,901,501
Jurisdictional Revenue Requirement	160,696	160,279	159,863	159,447	159,031	158,615	158,255	157,858	157,460	157,063	156,666	156,269	1,901,501
	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Annual-16
Rate Base													
Plus CWIP Ending Balance Plus Plant In-Service	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108	0 13,736,108	0 13,736,108	13,736,108	13,736,108	13,736,108
			1,841,538	1,870,790	1,900,043	1,929,296	1,958,549	1,987,802	2,017,055	2,046,307	2,075,560	2,104,813	2,104,813
Less Book Depreciation Reserve	1,783,032	1,812,285			1,164,046	1,176,709	1,199,128	1,221,547	1,243,966	1,266,385	1,288,804	1,311,223	1,311,223
Less Accum Deferred Taxes	1,783,032 1,113,397	1,126,059	1,138,721	1,151,384									
	1,783,032			1,151,384 10,713,934 10,734,892	10,672,019	10,630,104 10,651,061	10,578,432 10,604,268	10,526,760 10,552,596	10,475,088 10,500,924	10,423,416 10,449,252	10,371,744 10,397,580	10,320,073 10,345,909	
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM)	1,783,032 1,113,397 10,839,680	1,126,059 10,797,765	1,138,721 10,755,849	10,713,934	10,672,019								
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return	1,783,032 1,113,397 10,839,680 10,860,637	1,126,059 10,797,765 10,818,722	1,138,721 10,755,849 10,776,807	10,713,934 10,734,892	10,672,019 10,692,976	10,651,061	10,604,268	10,552,596	10,500,924	10,449,252	10,397,580	10,345,909	10,320,073 10,615,469 247,340
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM)	1,783,032 1,113,397 10,839,680	1,126,059 10,797,765	1,138,721 10,755,849	10,713,934	10,672,019								
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return	1,783,032 1,113,397 10,839,680 10,860,637 21,088	1,126,059 10,797,765 10,818,722 21,006	1,138,721 10,755,849 10,776,807	10,713,934 10,734,892 20,844	10,672,019 10,692,976 20,762	10,651,061 20,681	10,604,268 20,590	10,552,596 20,490	10,500,924 20,389	10,449,252 20,289	10,397,580 20,189	10,345,909 20,088	10,615,469 247,34(562,62(
Less Accum Deferred Taxes End Of Month Rate Base End Of Month Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Equity Return Total Return	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968	1,126,059 10,797,765 10,818,722 21,006 47,783	1,138,721 10,755,849 10,776,807 20,925 47,598	10,713,934 10,734,892 20,844 47,412	10,672,019 10,692,976 20,762 47,227	20,681 47,042	10,604,268 20,590 46,836	20,490 46,607	20,389 46,379	10,449,252 20,289 46,151	20,189 45,923	10,345,909 20,088 45,694	10,615,469 247,340 562,620
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Equity Return	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968 69,056	1,126,059 10,797,765 10,818,722 21,006 47,783 68,789	1,138,721 10,755,849 10,776,807 20,925 47,598 68,523	10,713,934 10,734,892 20,844 47,412	10,672,019 10,692,976 20,762 47,227 67,990	20,681 47,042 67,723	10,604,268 20,590 46,836	20,490 46,607 67,097	20,389 46,379	20,289 46,151 66,440	20,189 45,923	10,345,909 20,088 45,694	10,615,469 247,340 562,620 809,960
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Equity Return Total Return Income Statement Items	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968	1,126,059 10,797,765 10,818,722 21,006 47,783	1,138,721 10,755,849 10,776,807 20,925 47,598	10,713,934 10,734,892 20,844 47,412 68,256	10,672,019 10,692,976 20,762 47,227	20,681 47,042	20,590 46,836 67,425	20,490 46,607	20,389 46,379 66,768	10,449,252 20,289 46,151	20,189 45,923 66,111	10,345,909 20,088 45,694 65,783	10,615,469 247,340 562,620 809,960 288,130
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Equity Return Total Return Income Statement Hems Plus Property Taxes Plus Book Depreciation Plus Book Depreciation Plus Deferred Taxes	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968 69,056 24,011 29,253 12,662	1,126,059 10,797,765 10,818,722 21,006 47,783 68,789 24,011 29,253 12,662	1,138,721 10,755,849 10,776,807 20,925 47,598 68,523 24,011 29,253 12,662	10,713,934 10,734,892 20,844 47,412 68,256 24,011 29,253 12,662	10,672,019 10,692,976 20,762 47,227 67,990 24,011 29,253 12,662	20,681 47,042 67,723 24,011 29,253 12,662	20,590 46,836 67,425 24,011 29,253 22,419	20,490 46,607 67,097 24,011 29,253 22,419	20,389 46,379 66,768 24,011 29,253 22,419	20,289 46,151 66,440 24,011 29,253 22,419	20,189 45,923 66,111 24,011 29,253 22,419	20,088 45,694 65,783 24,011 29,253 22,419	247,346 247,346 562,62(809,966 288,13(351,034 210,485
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Debt Return Total Return Income Sattement Homs Plus Property Taxes Plus Property Taxes Plus Deok Depreciation Plus Deferred Taxes Plus Caxes Plus Caxes Plus Caxes	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968 69,056 24,011 29,253 12,662 20,890	1,126,059 10,797,765 10,818,722 21,006 47,783 68,789 24,011 29,253 12,662 20,760	1,138,721 10,755,849 10,776,807 20,925 47,598 68,523 24,011 29,253 12,662 20,629	10,713,934 10,734,892 20,844 47,412 68,256 24,011 29,253 12,662 20,498	10,672,019 10,692,976 20,762 47,227 67,990 24,011 29,253 12,662 20,368	20,681 47,042 67,723 24,011 29,253 12,662 20,237	20,590 46,836 67,425 24,011 29,253 22,419 10,108	20,490 46,607 67,097 24,011 29,253 22,419 9,947	20,389 46,379 66,768 24,011 29,253 22,419 9,786	20,289 46,151 66,440 24,011 29,253 22,419 9,625	20,189 45,923 66,111 24,011 29,253 22,419 9,464	20,088 45,694 65,783 24,011 29,253 22,419 9,303	247,34(562,62(809,96(288,13(351,034 210,48(181,615
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Depting Return Total Return Income Statement Hems Plus Poperty Taxes Plus Poperty Taxes Plus Deferred Taxes Plus Coment Taxes Plus Coment Taxes Plus Coment Taxes Total Income Statement Expense	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968 69,056 24,011 29,253 12,662 20,890 86,816	1,126,059 10,797,765 10,818,722 21,006 47,783 68,789 24,011 29,253 12,662 20,760 86,686	1,138,721 10,755,849 10,776,807 20,925 47,598 68,523 24,011 29,253 12,662 20,629 86,555	10,713,934 10,734,892 20,844 47,412 68,256 24,011 29,253 12,662 20,498 86,424	10,672,019 10,692,976 20,762 47,227 67,990 24,011 29,253 12,662 20,368 86,294	20,681 47,042 67,723 24,011 29,253 12,662 20,237 86,163	20,590 46,836 67,425 24,011 29,253 22,419 10,108 85,791	20,490 46,607 67,097 24,011 29,253 22,419 9,947 85,630	20,389 46,379 66,768 24,011 29,253 22,419 9,786 85,469	20,289 46,151 66,440 24,011 29,253 22,419 9,625 85,308	20,189 45,923 66,111 24,011 29,253 22,419 9,464 85,147	20,088 45,694 65,783 24,011 29,253 22,419 9,303 84,986	247,346 247,346 562,62(809,96(288,13) 351,034 210,488 181,615 1,031,267
Less Accum Deferred Taxes End Of Month Rate Base Average Rate Base (BOM/EOM) Calculation of Return Plus Debt Return Plus Debt Return Total Return Income Sattement Homs Plus Property Taxes Plus Property Taxes Plus Deok Depreciation Plus Deferred Taxes Plus Caxes Plus Caxes Plus Caxes	1,783,032 1,113,397 10,839,680 10,860,637 21,088 47,968 69,056 24,011 29,253 12,662 20,890	1,126,059 10,797,765 10,818,722 21,006 47,783 68,789 24,011 29,253 12,662 20,760	1,138,721 10,755,849 10,776,807 20,925 47,598 68,523 24,011 29,253 12,662 20,629	10,713,934 10,734,892 20,844 47,412 68,256 24,011 29,253 12,662 20,498	10,672,019 10,692,976 20,762 47,227 67,990 24,011 29,253 12,662 20,368	20,681 47,042 67,723 24,011 29,253 12,662 20,237	20,590 46,836 67,425 24,011 29,253 22,419 10,108	20,490 46,607 67,097 24,011 29,253 22,419 9,947	20,389 46,379 66,768 24,011 29,253 22,419 9,786	20,289 46,151 66,440 24,011 29,253 22,419 9,625	20,189 45,923 66,111 24,011 29,253 22,419 9,464	20,088 45,694 65,783 24,011 29,253 22,419 9,303	247,34(562,62(809,96(288,13(351,034 210,48(181,615

Notes
Updates to 2013-2014 balances approved in Docket No. E,G002/M-14-185 (2014 Filing) result from (1) revised MN Composite Income Tax Rates based upon 2013 income tax returns, effective January 1, 2013 and (2) property tax update for 2014 based on ratio of actual paid taxes in 2014 and the value of property as of year-end 2012.

Gas Tracker Detail Cast Iron Replacement Revenue Requirement by Year (July - June)

							•			
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rate Base										
Plus CWIP Ending Balance	0	0	0	0	0	0	0	0	0	0
Plus Plant In-Service	74,612	1,642,890	6,204,585	10,782,150	13,736,109	13,736,108	13,736,108	13,736,108	13,736,108	13,736,108
Less Book Depreciation Reserve	79	32,575	141,240	367,414	700,678	1,051,711	1,402,745	1,753,779	2,104,813	2,455,847
Less Accum Deferred Taxes	104	31,775	117,324	296,641	531,982	747,673	936,727	1,100,734	1,311,223	1,568,414
End Of Month Rate Base	74,429	1,578,540	5,946,022	10,118,095	12,503,449	11,936,724	11,396,636	10,881,595	10,320,073	9,711,847
Average Rate Base (BOM/EOM)	3,101	1,241,969	4,103,512	8,400,586	12,097,994	12,216,674	11,663,433	11,136,101	10,615,469	10,013,001
Calculation of Return										
Plus Debt Return	103	38,829	120,101	233,763	303,346	284,649	271,758	259,471	247,340	233,303
Plus Equity Return	157	64,177	216,849	446,979	642,934	647,484	618,162	590,213	562,620	530,689
Total Return	260	103,005	336,950	680,742	946,280	932,132	889,920	849,685	809,960	763,992
Income Statement Items										
Plus Property Taxes	0	11,491	44,887	117,456	228,825	288,830	288,130	288,130	288,130	288,130
Plus Book Depreciation	79	32,496	108,665	226,174	333,264	351,034	351,034	351,034	351,034	351,034
Plus Deferred Taxes	104	31,672	85,548	179,317	235,341	215,691	189,054	164,007	210,489	257,191
Plus Current Taxes	5	12,955	65,757	132,542	213,293	236,237	242,739	248,646	181,615	111,298
Total Income Statement Expense	188	88,613	304,858	655,489	1,010,722	1,091,792	1,070,956	1,051,817	1,031,267	1,007,652
Total Revenue Requirements	447	191,619	641,808	1,336,231	1,957,002	2,023,924	1,960,876	1,901,501	1,841,228	1,771,644
MN Jurisdictional Revenue Requirement	447	191,619	641,808	1,336,231	1,957,002	2,023,924	1,960,876	1,901,501	1,841,228	1,771,644

Notes

Updates to 2013-2014 balances approved in Docket No. E,G002/M-14-185 (2014 Filing) result from (1) revised MN Composite Income Tax Rates based upon 2013 income tax returns, effective January 1, 2013 and (2) property tax update for 2014 based on ratio of actual paid taxes in 2014 and the value of property as of year end 2012.

Gas Tracker Detail Cast Iron O&M Credit

	Part A: Derivation of the Annual Credit Amount		2012 Filing		2013 Filing		2014 Filing
1	Overall O&M Expenses (1)	\$	39,980,000	s	39,980,000	\$	39,980,000
2	Total Gas Distribution Main in Minnesota (miles)	Ÿ	8,810	Ÿ	8,864	4	8,864
3	Average Test Year O&M Expenses per Mile of Gas Distribution Main (Line 1/Line 2)	S	4,538	\$	4,510	\$	4,510
4	Potential Percentage Reduction in O&M Expenses Associated with Gas Cast Iron (2)		93.48%		93.48%		93.48%
5	Potential O&M Expense Associated with Gas Cast Iron Pipe to be Replaced per Mile (Line 3*Line 4)	\$	4,242	\$	4,216	\$	4,216
6	Gas Cast Iron Pipe to be Replaced (miles)		25		25		25
7	Potential Annual O&M Expenses Reduction due to Gas Cast Iron Replacement (Line 5*Line 6)	\$	106,054	\$	105,408	\$	105,408
	Part B: Derivation of the Recovery in Base Rates		2012 Filing		2013 Filing		2014 Filing
8	Miles replaced in 2009		5.0		5.0		5.0
9	Miles replaced in 2010		5.7		5.7		5.7
10	Total Miles reflected reflected in reduced O&M in base rates (Line 8 + Line 9*50%)		7.9		7.9		7.9
11	Expense Reduction per line mile (Line 5)	\$	4,242	\$	4,216	\$	4,216
12	Annual Credit reflected in base rates (Line 10*Line 11)	\$	33,301	\$	33,098	\$	33,098
	Part C: Derivation of the 2011 Credit		2012 Filing		2013 Filing		2014 Filing
14	Miles replaced in 2010		5.7		5.7		5.7
15	Miles replaced in 2011		7.6		7.6		7.6
16	Total Miles included in the 2011 O&M Credit ((Line 14*50%)+Line 15)		10.5		10.5		10.5
17	Expense Reduction per line mile (Line 5)	\$	4,242	\$	4,216	\$	4,216
18	Credit reflected in SEP through 2011 (Line 16 * Line 17)	\$	44,330	\$	44,060	\$	44,060
	Part D: Derivation of 2012 Credit		2012 Filing		2013 Filing		2014 Filing
19	Miles to be replaced in 2010		5.7		5.7		5.7
20	Miles to be replaced in 2011		7.6		7.6		7.6
21	Miles to be replaced in 2012		6.7		6.7		6.7
22	Total Miles included in 2012 SEP O&M Credit (Lines 19*50% + Line 20 + Line 21)		17.2		17.2		17.2
23	Expense Reduction per line mile (Line 5)	\$	4,242	\$	4,216	\$	4,216
24	SEP O&M Credit in 2012 (Line 22*Line 23)	\$	72,753	\$	72,310	\$	72,310
_	Part E: Reconciliation						
	\$0			_			
25	Credit reflected in base rates (Line 12)	\$	33,301		33,098		33,098
26	SEP O&M Credit in 2012 (Line 24)	\$	72,753		72,310	-	72,310
27	Potential Expense Reduction (Line 7) = Recovery in Base Rates (Line 12) + 2012 Credit (24)	\$	106,054	\$	105,408	\$	105,408

Notes

⁽¹⁾ Docket No. G002/GR-09-1153

⁽²⁾ For 2010, an average of 0.66997 leaks per mile associated with the gas cast iron minus an average of 0.02345 leaks per mile for overall gas distribution system piping. (0.66997-0.02345)/0.66997=96.5%. For 2011, an average of 0.28571 leaks per mile associated with the gas cast iron minus an average of 0.01986 leaks per mile for overall gas distribution system piping. (0.28571-0.01986)/0.28571=93.48%. For 2012, all cast iron had been removed and the leak rate cannot be reported, the average leak rate for the overall system was 0.01421 leaks/mile. The O&M credit approved in Docket No. E,G002/M-13-161 is assumed in 2013, 2014 and beyond, since all replacement work has been completed.

Gas Tracker Detail Revenue Collections (SEP Rider Fiscal Period July - June) Actual Revenues Through January 2015 and Forecast Revenues (Therm Sales * Gas Factor) through June 2017

2011 Rider Year		Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Total-11
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
Revenue Collections	\$	22,556 \$	21,187 \$	23,115 \$	28,238 \$	44,917 \$	93,697 \$	176,053 \$	164,963 \$	139,492 \$	74,616 \$	61,204	44,821 \$	894,859
2012 Rider Year		Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Total-12
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
Revenue Collections	\$	39,293 \$	44,992 \$	66,987 \$		153,203 \$	212,903 \$	333,863 \$	333,863 \$	283,629 \$	247,073 \$	147,947		2,042,839
2013 Rider Year		Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Total-13
2015 Kidel Teal		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	10tai-13
Revenue Collections	\$	67,245 \$	70,319 \$	68,984 \$		169,389 \$	302,187 \$	438,757 \$	364,328 \$	363,797 \$	242,391 \$	155,596 S		2,424,380
Revenue Collections	ð	07,245 \$	70,319 \$	08,984 \$	91,239 \$	109,369 \$	302,187 \$	436,/3/ \$	304,326 \$	303,797 \$	242,391 \$	155,590	90,149 \$	2,424,300
2014 Rider Year		Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Total-14
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	
Residential									56,126,250	45,491,761	25,202,915	15,516,742	9,371,554	151,709,220
Commercial									30,948,079	25,735,498	14,064,024	9,585,014	4,859,488	85,192,102
Demand									3,495,292	3,747,903	2,450,957	2,119,640	1,505,394	13,319,187
Interruptible									12,940,169	10,758,599	10,113,710	8,409,773	6,384,415	48,606,667
Transport									13,883,374	17,387,149	25,121,545	17,025,147	20,162,517	93,579,733
Interdepartmental									77,800	67.063	38.816	55,325	40,259	279,263
Total Therms									117,470,964	103,187,974	76,991,967	52,711,641	42,323,626	392,686,172
Gas Factor									0.002238	0.002238	0.002238	0.002238	0.002238	,,
Revenue Collections	\$	71,882 \$	56,922 \$	59,361 \$	82,810 \$	130,778 \$	261,538 \$	296,717 \$	262,900 \$	230,935 \$	172,308 \$	117,969		1,838,840
2015 Rider Year		Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Total-15
2013 Kidel Teal		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	10tar-15
Residential		6,291,582	6,582,002	8,689,770	19,763,896	39,716,159	58,410,415	70,489,725	58,889,480	45,734,424	25,787,989	13,007,628	5,313,892	358,676,962
						20,567,030		36,978,989	32,002,969				4,576,800	
Commercial		4,042,297	4,476,354	5,067,844	10,260,437		31,775,675			25,546,672	15,138,100	8,752,445		199,185,613
Demand		1,460,943	1,482,030	1,501,397	1,987,316	2,614,118	3,328,188	4,265,722	3,536,617	3,789,066	2,486,438	2,140,993	1,523,894	30,116,723
Interruptible		5,876,698	5,959,638	5,286,875	7,473,256	11,444,025	13,966,415	14,098,527	13,019,695	10,453,558	10,135,331	7,647,581	6,452,278	111,813,878
Transport		28,744,089	34,307,699	15,081,852	18,433,355	18,315,347	17,737,487	23,278,482	21,372,241	21,646,886	13,689,965	22,831,877	21,559,990	256,999,271
Interdepartmental		178,667	50,134	52,878	57,382	69,713	59,882	65,855	66,847	67,666	65,409	60,043	47,592	842,069
Total Therms		46,594,277	52,857,859	35,680,615	57,975,642	92,726,393	125,278,064	149,177,301	128,887,848	107,238,272	67,303,232	54,440,567	39,474,446	957,634,516
Gas Factor		0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	0.001898	
Revenue Collections	\$	88,436 \$	100,324 \$	67,722 \$	110,038 \$	175,995 \$	237,778 \$	283,139 \$	244,629 \$	203,538 \$	127,742 \$	103,328	5 74,922 \$	1,817,590
2016 Rider Year		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total-16
		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
		5,770,239	5,665,747	7,391,222	19,656,182	38,796,799	61,724,612	70,352,905	57,605,169	45,617,036	25,728,762	12,493,916	4,949,502	355,752,090
Residential			4,301,251	5,033,033	10,485,972	19,928,928	31,900,512	37,026,183	31,588,899	25,676,300	15,493,839	8,631,717	4,666,808	199,520,050
Residential Commercial		4,786,610				. , ,		4,312,099	3,584,905	3,836,080	2,523,011	2,163,022	1,542,965	30,496,168
		4,786,610 1,484,854			2.015.850	2.641.611	5.5//.185							
Commercial Demand		1,484,854	1,494,541	1,520,045	2,015,850 7.795,432	2,641,611 10,994,904	3,377,183 14.155.036							111.066.238
Commercial Demand Interruptible		1,484,854 6,286,621	1,494,541 5,613,410	1,520,045 5,303,132	7,795,432	10,994,904	14,155,036	13,690,802	12,960,544	10,284,766	10,315,958	7,194,368	6,471,265	111,066,238
Commercial Demand Interruptible Transport		1,484,854 6,286,621 29,137,659	1,494,541 5,613,410 31,355,476	1,520,045 5,303,132 15,324,797	7,795,432 8,223,049	10,994,904 9,849,643	14,155,036 17,546,462	13,690,802 21,284,785	12,960,544 22,509,852	10,284,766 14,967,841	10,315,958 15,954,247	7,194,368 24,399,069	6,471,265 19,260,015	229,812,895
Commercial Demand Interruptible Transport Interdepartmental		1,484,854 6,286,621 29,137,659 142,977	1,494,541 5,613,410 31,355,476 98,453	1,520,045 5,303,132 15,324,797 50,263	7,795,432 8,223,049 48,579	10,994,904 9,849,643 94,011	14,155,036 17,546,462 65,111	13,690,802 21,284,785 63,241	12,960,544 22,509,852 65,842	10,284,766 14,967,841 66,058	10,315,958 15,954,247 65,409	7,194,368 24,399,069 57,429	6,471,265 19,260,015 145,430	229,812,895 962,802
Commercial Demand Interruptible Transport Interdepartmental Total Therms		1,484,854 6,286,621 29,137,659 142,977 47,608,960	1,494,541 5,613,410 31,355,476 98,453 48,528,878	1,520,045 5,303,132 15,324,797 50,263 34,622,493	7,795,432 8,223,049 48,579 48,225,065	10,994,904 9,849,643 94,011 82,305,895	14,155,036 17,546,462 65,111 128,768,915	13,690,802 21,284,785 63,241 146,730,015	12,960,544 22,509,852 65,842 128,315,210	10,284,766 14,967,841 66,058 100,448,080	10,315,958 15,954,247 65,409 70,081,226	7,194,368 24,399,069 57,429 54,939,521	6,471,265 19,260,015 145,430 37,035,985	
Commercial Demand Interruptible Transport Interdepartmental	s	1,484,854 6,286,621 29,137,659 142,977	1,494,541 5,613,410 31,355,476 98,453	1,520,045 5,303,132 15,324,797 50,263	7,795,432 8,223,049 48,579 48,225,065 0.001943	10,994,904 9,849,643 94,011	14,155,036 17,546,462 65,111	13,690,802 21,284,785 63,241	12,960,544 22,509,852 65,842	10,284,766 14,967,841 66,058	10,315,958 15,954,247 65,409	7,194,368 24,399,069 57,429	6,471,265 19,260,015 145,430 37,035,985 0.001943	229,812,895 962,802

Base Assumptions - Gas Cast Iron Pipe

Capital Structure			
	Percent	Cost	Weighted Cost
Long Term Debt %	44.96%	5.14%	2.31%
Short Term Debt %	2.48%	0.75%	0.02%
Preferred Stock %	0.00%	0.00%	0.00%
Common Stock %	52.56%	10.09%	5.30%
	100.00%	-	7.63%

Income Tax Rates								
		2015	2014	2013		2015	2014	2013
Income Tax Rates	MN Jur	9.8000%	9.8000%	9.8000%	Federal	35.0000%	35.0000%	35.0000%
MN Composite Income Tax Rate	MN Iur	41.3700%	41.3700%	41.3700%	MN Co	40.8144%	40.8144%	40.8277%

Property Tax Rates				
		2015	2014	2013
Property Tax Rate = Goodhue	100.00 % Taxable	1.820%	1.820%	1.807%
Property Tax Rate = Ramsey	100.00 % Taxable	2.166%	2.166%	2.192%
Property Tax Rate = Rice	100.00 % Taxable	1.658%	1.658%	1.720%
Property Tax Rate = Stearns	100.00 % Taxable	1.839%	1.839%	1.815%
Property Tax Rate = Washington	100.00 % Taxable	1.911%	1.911%	1.856%
Property Tax Rate = Winona	100.00 % Taxable	1.545%	1.545%	1.559%

State of MN Allocator								
Gas Distribution		Minnesota						
	Total	Company	Minnesota	N Dakota	S Dakota	Wholesale	WI Co	
Direct Assigned - Minnesota	100.000000%	100.0000%	100.0000%	0.0000%	0.0000%	0.0000%	0.0000%	

Northern States Power Company, a Minnesota corporation Gas Operations - State of Minnesota RATE BASE SCHEDULES RATE BASE ADJUSTMENT SCHEDULES 2010 Unadjusted Test Year versus 2010 Adjusted Test Year (\$000's) Docket No. G002/GR-09-1153 Exhibit___(AEH-1), Schedule 3A Page 1 of 3

Line			Projected Gas	CIAC 2004 Rate Case	CIAC 2007 Rate Case	CIAC 2010 Rate Case	SEP Rider	New Area	Income	
No.	Description	<u>Unadjusted</u>	Storage	Adjustment	Adjustment	Adjustment	Adjustment	<u>Surcharge</u>	Statement	Adjusted
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	Gas Plant as Booked	045.507								045 507
1	Production	\$15,537								\$15,537
2	9	\$30,880								\$30,880
3		\$63,410		(00,000)	(\$00)	(0405)	(0.004)			\$63,410
4	Distribution	\$739,803		(\$2,366)	(\$82)	(\$105)	(\$3,261)			\$733,991
5		\$33,543								\$33,543
6 7		\$62,221								\$62,221
		\$0		(ft0, 000)	(((00)	(0405)	(f) 004)			\$0
8	TOTAL Utility Plant in Service	\$945,395		(\$2,366)	(\$82)	(\$105)	(\$3,261)	\$0		\$939,582
	Reserve for Depreciation									
9	Production	\$11,942								\$11,942
10	Storage	\$23,142								\$23,142
11	Transmission	\$24,423								\$24,423
12	Distribution	\$333,684		(\$465)	(\$10)	(\$2)	(\$48)	(\$1,036)		\$332,123
13	General	\$12,567								\$12,567
14	Common	\$41,876							_	\$41,876
15	TOTAL Reserve for Depreciation	\$447,634		(\$465)	(\$10)	(\$2)	(\$48)	(\$1,036)		\$446,074
	Net Utility Plant in Service									
16	•	\$3,595								\$3,595
17	Storage	\$7,738								\$7,738
18	Transmission	\$38,987								\$38,987
19	Distribution	\$406,119		(\$1,901)	(\$72)	(\$103)	(\$3,213)	\$1,036		\$401,867
20	General	\$20,976		(.,,,,	· · /	(. ,	(, , ,			\$20,976
21	Common	\$20,345								\$20,345
22	TBT Investment	\$0								\$0
23	Net Utility Plant in Service	\$497,760		(\$1,901)	(\$72)	(\$103)	(\$3,213)	\$1,036	· ·	\$493,508
24	Utility Plant Held for Future Use	\$0								\$0
25	Construction Work in Progress	\$4,337								\$4,337
26	Less: Accumulated Deferred Income Taxe	\$92,687		(\$473)	(\$4)	(\$1)	(\$52)	(\$26)		\$92,132
27	Cash Working Capital	(\$4,321)							\$379	(\$3,942)
	Other Rate Base Items:									
28	Materials and Supplies	\$1,037								\$1,037
29	Gas In Storage	\$40,566	\$2,133							\$42,699
30	Non-Plant Assets & Liabilities	(\$9,805)								(\$9,805)
31	Prepayments	\$5,651								\$5,651
32	Customer Advances	(\$1,653)								(\$1,653)
33	Other Working Capital	\$897								\$897
34	Total Other Rate Base Items	\$36,693	\$2,133	\$0	\$0	\$0	\$0	\$0	\$0	\$38,826
35	Total Average Rate Base	\$441,783	\$2,133	(\$1,428)	(\$69)	(\$102)	(\$3,161)	\$1,062	\$379	\$440,597

Northern States Power Company, a Minnesota corporation Gas Operations - State of Minnesota INCOME STATEMENT SCHEDULES INCOME STATEMENT SCHEDULES UNCOME STATEMENT ADJUSTMENT SCHEDULES 2010 Unadjusted Test Year versus 2010 Adjusted Test Year (5000's)

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Line	Description	2010 Unadjusted(1)	Projected Gas Storage Adjustment	CIAC 2004 Rate Case Adjustment 2	CIAC 2007 Rate Case Adjustment 3	CIAC 2010 Rate Case Adjustment	SEP Rider Adjustment 5	New Area Surcharge Adjustment 6	Charitable Contributions Adjustment 7	Interest on Customer Deposits Adjustment 8	Advertising Adjustment 9	Professional & Association Dues Adjustment 10
1 2 3 4 5	Operating Revenues Retail Weather Impact Net Margin Adjustment Interdepartmental & Transportation Other Operating Gross Earnings Tax	\$580,760 0 9,050 5,382 0 \$595,192		\$0	\$0		(\$269)		\$0		\$0	
	Total Operating Revenues Expenses	\$595,192	\$0	\$0	\$0	\$0	(\$269)	\$0	\$0	\$0	\$0	\$0
7 8 9 10 11	Operating Expenses: Purchased Gas Other Production Transmission Distribution Customer Accounting Customer Service & Information	\$426,919 4,305 1,261 28,447 15,700 14,896										
13 14	Administrative & General Sales, Econ Dvlp & Other	17,213 47							153	16	(254) (19)	(2)
15	Total Operating Expenses	\$508,787	\$0	\$0	\$0	\$0	\$0	\$0	\$153	\$16	(\$273)	(\$2)
16 17	Depreciation Amortizations	\$32,877 (99)		(\$72)	(\$3)	(\$3)	(\$70) 99	\$128				
18 19	Taxes: Property Gross Earnings	\$12,798 0					(\$22)					
20 21	Deferred Income Tax & ITC Federal & State Income Tax	2,764 6,511	(27)	6 42	(1) 3	(1) 4	(70) (4)	(52) (13)	(63)	(7)	113	1
22 23	Payroll & Other Total Taxes	1,946 \$24,019	(\$27)	\$48	\$2	\$3	(\$96)	(\$65)	(\$63)	(\$7)	\$113	\$1
24	Total Expenses	\$565,584	(\$27)	(\$24)	(\$1)	(\$0)	(\$67)	\$63	\$90	\$9	(\$160)	(\$1)
25	Allowance for Funds Used During Construction	\$414										
26	Total Operating Income	\$30,022	\$27	\$24	\$1	\$0	(\$202)	(\$63)	(\$90)	(\$9)	\$160	\$1
	Revenue Requirement											
27	Total Rate Base	\$441,783	\$2,133	(\$1,428)	(\$69)	(\$102)	(\$3,161)	\$1,062	\$0	\$0	\$0	\$0
28	Require Operating Inc (RB * Req Return)	\$38,877	\$188	(\$126)	(\$6)	(\$9)	(\$278)	\$93	\$0	\$0	\$0	\$0
29	Operating Income	\$30,022	\$27 \$161	\$24	\$1	\$0	(\$202)	(\$63) \$156	(\$90) \$90	(\$9) \$9	\$160	\$1
30 31	Operating Income Deficiency Revenue Requirement	\$8,855 \$15,103	\$161 \$275	(\$150) (\$256)	(\$7) (\$12)	(\$9) (\$16)	(\$76) (\$130)	\$156 \$266	\$90 \$153	\$9 \$16	(\$160) (\$273)	(\$1) (\$2)
01	nevenue nequirement	\$10,100	QL10	(4250)	(412)	(010)	(0100)	\$200	4100	910	(4270)	(42)
Sched	dule M Items	42,771	-	(58)	(5)	(6)	(240)	-	-	-	-	-
	dditions	136							-	-	-	-
	Base Adjustment of Debt	441,783 3.03%	2,133 3.03%	(1,428) 3.03%	(69) 3.03%	(102) 3.03%	(3,161) 3.03%	1,062 3.03%	3.03%	3.03%	3.03%	3.03%
Tax R		0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137
Calcu	lation of Federal And State Income Tax											
	Operating Revenue Less Operating Expenses	595,192 508,787	0	0	0	0	(269)	0	0 153	0 16	(273)	0 (2)
	Operating Expenses Operating Income before Adjustments	86,405	0	0	0	0	(269)	0	(153)	(16)	273	(2)
	Additions to Income	136	0	0	0	0	0	0	0	0	0	0
	Deductions from Income Debt Synchronization	57,416 13,386	0 65	(58) (43)	(5) (2)	(6)	(163) (96)	0 32	0	0	0	0
	Operating Income After Adjustments	15,739	(65)	101	7	(3)	(10)	(32)	(153)	(16)	273	2
	Federal & State Income Tax	6,511	(27)	42	3	4	(4)	(13)	(63)	(7)	113	1

Northern States Power Company, a Minnesota corporation Gas Operations - State of Minnesota INCOME STATEMENT SCHEDULES INCOME STATEMENT SCHEDULES INCOME STATEMENT ADJUSTMENT SCHEDULES 2010 Unadjusted Test Year versus 2010 Adjusted Test Year (3000's)

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Line No.	Description	Incentive Compensation Adjustment 11	Employee Expense Adjustment 12	2009 Wage Increase Adjustment 13	Gas Affordability Program Adjustment 14	CIP Adjustment 15	CIP Incentive Bonus Removal 16	Economic Development Adjustment 17	Rate Case Expense Amortization 18	CWC	2010 Adjusted(1)
1 2 3	Operating Revenues Retail Weather Impact Net Margin Adjustment Interdepartmental & Transportation					(9,286)					\$571,205 0 9,050
4 5	Other Operating Gross Earnings Tax						(1,027)				4,355 0
	Total Operating Revenues	\$0	\$0	\$0	\$0	(\$9,286)	(\$1,027)	\$0	\$0	\$0	\$584,610
7 8 9 10 11 12 13	Expenses Operating Expenses: Purchased Gas Othe Production Transmission Distribution Customer Accounting Customer Service & Information Administrative & General Sales, Econ Divis & Other	(625)	(108)	236	(20)	(9,286)		3			\$426,919 4,305 1,261 28,447 15,680 5,610 16,629
15	Total Operating Expenses	(\$625)	(\$108)	\$236	(\$20)	(\$9,286)	\$0	\$3	\$0	\$0	\$498,882
16 17	Depreciation Amortizations								532		\$32,857 532
18 19 20	Taxes: Property Gross Earnings Deferred Income Tax & ITC										\$12,776 0 2,646
21 22	Federal & State Income Tax Payroll & Other	259	45	(98)	8	0	(425)	(1)	(220)	(5)	6,122 1,946
23	Total Taxes	\$259	\$45	(\$98)	\$8	\$0	(\$425)	(\$1)	(\$220)	(\$5)	\$23,490
	Total Expenses	(\$366)	(\$63)	\$138	(\$12)	(\$9,286)	(\$425)	\$2	\$312	(\$5)	\$555,761
25	Allowance for Funds Used During Construction										\$414
26	Total Operating Income	\$366	\$63	(\$138)	\$12	\$0	(\$602)	(\$2)	(\$312)	\$5	\$29,263
	Revenue Requirement										
27 28	Total Rate Base Require Operating Inc (RB * Req Return)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$379 \$33	\$440,597 \$38,773
29	Operating Income	\$366	\$63	(\$138)	\$12	\$0	(\$602)	(\$2)	(\$312)	\$5 \$5	\$29,263
30	Operating Income Deficiency	(\$366)	(\$63)	\$138	(\$12)	\$0	\$602	\$2	\$312	\$28	\$9,510
31	Revenue Requirement	(\$625)	(\$108)	\$236	(\$20)	\$0	\$1,027	\$3	\$532	\$48	\$16,220
Tax A Rate Cost	dule M Items dditions Base Adjustment of Debt	3.03%	- - - 3.03%	- - - 3.03%	3.03%	- - - 3.03%	- - - 3.03%	3.03%	- - - 3.03%	- - 379 3.03%	- - 440,597 3.03%
Tax F	Rate	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137
Calcu	ulation of Federal And State Income Tax Operating Revenue Less Operating Expenses Operating Income before Adjustments	0 (625) 625	0 (108) 108	0 236 (236)	0 (20) 20	(9,286) (9,286)	(1,027) 0 (1,027)	0 3 (3)	0 0	0 0	584,610 498,882 85,728
	Additions to Income Deductions from Income Debt Synchronization	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0	0 532 0	0 0 11	0 14,722 13,350
	Operating Income After Adjustments Federal & State Income Tax	625 259	108 45	(236) (98)	20 8	0	(1,027) (425)	(3) (1)	(532) (220)	(11) (5)	57,656 6,122

Revenue Requirements Category Descriptions

This attachment explains the three categories (Rate Base, Calculation of Return and Income Statement Items) and each component of these categories used to determine the Revenue Requirement. The calculation of the Revenue Requirement for the Cast Iron Replacement project is shown on Attachment D2.

I. Rate Base

The following section explains each component of the Rate Base category and the rationale for including or excluding the cost.

Plant in Service - This is an addition to rate base. This category reflects the original cost of gas plant that has been put into service. In the specific case of the annual 2015 plant in service for the natural gas Cast Iron Pipe Replacement project, the \$13,736,108 shown on Attachment D2 of this filing reflects the dollar value portion of the project in service as of June 30, 2016, which results in an increase to rate base. Standard ratemaking methodology calls for the inclusion of this item in the determination of rate base.

Book Depreciation Reserve - This is a reduction to rate base. It reflects the accumulated recovery of the amount invested in plant in service. In the specific case of the 2014 book depreciation reserve for the natural gas Cast Iron Pipe Replacement project, the \$1,753,779 shown on Attachment D2 of this filing reflect the amount of the plant in service that has been recovered as of June 30, 2016, which results in a decrease to rate base. Standard ratemaking methodology calls for the exclusion of this credit balance in an asset account (contra-asset) from plant in service in the determination of rate base.

Accumulated Deferred Taxes - This is a reduction to rate base. It reflects the tax timing differences between book and tax depreciation lives and other non-plant book/tax timing differences, multiplied by the tax rate. Over the life of an asset, the Accumulated Deferred Tax is zero. In the specific case of the 2015 accumulated deferred taxes for the natural gas Cast Iron Pipe Replacement project, the \$1,100,734 shown on Attachment D2 of this filing reflects the accumulation of tax timing differences between book and tax depreciation through June 2016, which results in a decrease to rate base. Standard ratemaking methodology calls for the exclusion of this timing related asset in the determination of rate base.

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II. Calculation of Return

The following section explains both components of the Calculation of Return category. Note that for both items below, standard ratemaking methodology calls for the inclusion of these items in the calculation of revenue requirements.

Debt Return - This category reflects the return the Company is allowed in order to recover its weighted cost of debt for financing its capital investments. In the specific case of the annual 2015 debt return for the natural gas Cast Iron Pipe Replacement project, the \$259,471 shown on Attachment D2 of this filing reflect the amount of debt return the Company is allowed for July 2015 - June 2016 based on the overall cost of capital approved in the most recent natural gas rate filing (Docket No. G002/GR-09-1153).

Equity Return - This category reflects the return the Company is allowed in order to recover its weighted cost of equity for financing its capital investments. In the specific case of the annual 2015 equity return for the Gas natural gas Cast Iron Pipe Replacement project, the \$590,213 shown on Attachment D2 of this filing reflect the amount of return on equity the Company is allowed for July 2015 - June 2016 based on the overall cost of capital approved in the most recent natural gas rate filing (Docket No. G002/GR-09-1153).

III. Income Statement Items

The following section explains each component of the Income Statement Items category. Note that for each item below, standard ratemaking methodology call for the inclusion of these items in the calculation of revenue requirements.

Property Taxes - This category reflects the estimated property taxes billed from local taxing authorities that the Company must pay based on the original cost of the Company's assets. Property taxes accrued are based on the original cost at December 31 from the prior year, then paid the following year. In the specific case of the annual 2015 property tax amount for the natural gas Cast Iron Pipe Replacement project, the \$288,130 shown on Attachment D2 of this filing reflect one half of the amount of property taxes the Company is anticipating to accrue in calendar year 2015 for the plant in service as of December 31, 2015, plus one-half of calendar year 2016. We reflect one half of each year, since the 2015-2016 SEP period is split evenly across both calendar periods.

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Book Depreciation - This category reflects the monthly/annual depreciation expense that is accumulated in the book depreciation reserve defined in part a) subsection ii). In the specific case of the annual 2015 book depreciation for the natural gas Cast Iron Pipe Replacement project, the \$351,034 shown on Attachment D2 reflects the amount of plant in service that is being recovered through depreciation expense from July 2015 - June 2016 and results in an increase to revenue requirements.

Deferred Taxes - This category reflects the monthly/annual deferred tax expense that is accumulated in the accumulated deferred reserve defined in part a) subsection iii). In the specific case of the annual 2015 deferred taxes for the natural gas Cast Iron Pipe Replacement project, the \$164,007 shown on Attachment D2 reflects the July 2015-June 2016 tax timing difference when book expense differs from tax expense and results in an increase to revenue requirements.

Current Taxes - This category reflects the current income taxes the Company is anticipated to pay based on its taxable income. In the specific case of the annual 2015 current taxes for the natural gas Cast Iron Pipe Replacement project, the \$ 248,646 shown on Attachment D2 reflects the amount of current income taxes the Company is anticipating to pay as a result of the taxable income being generated by the Cast Iron Pipe Replacement project.

Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: Northern States Power Company, A Minnesota Corporation

Facility Identifier: 524615
Facility Reporting Year: 2013

Facility Location:

Address: 414 Nicollet Mall

City: Minneapolis

State: MN

Postal Code: 55401

Facility Site Details:

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):

48393.7

CO2 equivalent emissions from supplier subparts LL-QQ (metric tons): 4166888.6 Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons): 0

Cogeneration Unit Emissions Indicator: NA

GHG Report Start Date: 2013-01-01 GHG Report End Date: 2013-12-31

Description of Changes to Calculation Methodology:

Part 75 Biogenic Emissions Indication:

Plant Code Indicator: N
Primary NAICS Code: 221210
Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: XCEL ENERGY INC

Address: 414 Nicollet Mall, Minneapolis, MN 55401

Percent Ownership Interest: 100

Subpart W: Petroleum and Natural Gas Systems

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Methane		1914.83 (Metric Tons)	
Nitrous Oxide		0.001 (Metric Tons)	
Carbon Dioxide		522.7 (Metric Tons)	

SubpartWSummaryDetails:

Industry Segment Number	8
Industry Seament Name	Natural gas distribution [98.230(a) (8)]

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Annual throughput [98.236(d)] Gaseous Throughput (MMscf)	98674
Annual throughput [98.236(d)] Liquid Throughput (thousand barrels)	0
Total Reported CO2 Emissions (mt CO2)	522.7
Total Reported CH4 Emissions (mt CO2e)	47870.8
Total Reported N2O Emissions (mt CO2e)	0.3
Total Reported Emissions (mt CO2e)	48393.8

SubpartWSourceReportingFormRowDetails:

SubpartWSourceReportingFormRowDetails:	
Source Reporting Form	Sub-Basin Selection
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	N/A
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	N/A
Source Reporting Form	Natural Gas Pneumatic Devices [98.236(c)(1)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Natural Gas Driven Pneumatic Pumps [98.236(c)(2)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Acid Gas Removal Units [98.236(c) (3)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Dehydrators [98.236(c)(4)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Venting for Liquids Unloading [98.236(c)(5)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0

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Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported C14 Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
· · · · · · · · · · · · · · · · · · ·	Gas Well Completions and
Source Reporting Form	Workovers [98.236(c)(6)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Blowdown Vent Stacks [98.236(c) (7)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Gas from Produced Oil Sent to Atmospheric Tanks [98.236(c)(8)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Transmission Tanks [98.236(c)(9)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Testing Venting and Flaring [98.236(c)(10)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Associated Gas Venting and Flaring [98.236(c)(11)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Flare Stacks [98.236(c)(12)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
. Sta. Reported Stri Elinosiono (Ilit 6026)	10.0

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Tatal Danastad NGO Essiasiana (sat CO2a)	Page 4 c	
Total Reported N2O Emissions (mt CO2e) Total Reported Emissions (mt CO2e)	0.0	
Total Reported Emissions (Int Coze)	Centrifugal Compressors [98.236(c)	
Source Reporting Form	(13)]	
Required for Selected Industry Segment	No	
Total Reported CO2 Emissions (mt CO2)	0.0	
Total Reported CH4 Emissions (mt CO2e)	0.0	
Total Reported N2O Emissions (mt CO2e)	0.0	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Reciprocating Compressors [98.236 (c)(14)]	
Required for Selected Industry Segment	No	
Total Reported CO2 Emissions (mt CO2)	0.0	
Total Reported CH4 Emissions (mt CO2e)	0.0	
Total Reported N2O Emissions (mt CO2e)	0.0	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Other Emissions from Equipment Leaks Estimated Using Emission Factors [98.236(c)(15)]	
Required for Selected Industry Segment	Yes	
Total Reported CO2 Emissions (mt CO2)	0.0	
Total Reported CH4 Emissions (mt CO2e)	0.0	
Total Reported N2O Emissions (mt CO2e)	N/A	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Local Distribution Companies [98.236(c)(16)]	
Required for Selected Industry Segment	Yes	
Total Reported CO2 Emissions (mt CO2)	57.7	
Total Reported CH4 Emissions (mt CO2e)	47870.6	
Total Reported N2O Emissions (mt CO2e)	N/A	
Total Reported Emissions (mt CO2e)	47928.3	
Source Reporting Form	Enhanced Oil Recovery Injection Pump Blowdown [98.236(c)(17)]	
Required for Selected Industry Segment	No	
Total Reported CO2 Emissions (mt CO2)	0.0	
Total Reported CH4 Emissions (mt CO2e)	N/A	
Total Reported N2O Emissions (mt CO2e)	N/A	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Enhanced Oil Recovery Hydrocarbon Liquids Dissolved CO2 [98.236(c)(18)]	
Required for Selected Industry Segment	No	
Total Reported CO2 Emissions (mt CO2)	0.0	
Total Reported CH4 Emissions (mt CO2e)	N/A	
Total Reported N2O Emissions (mt CO2e)	N/A	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Onshore Petroleum and Natural Gas Production and Natural Gas	

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	Distribution Combustion Emissions [98.236(c)(19)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	465.0
Total Reported CH4 Emissions (mt CO2e)	0.2
Total Reported N2O Emissions (mt CO2e)	0.3
Total Reported Emissions (mt CO2e)	465.5
Source Reporting Form	Offshore Sources [98.236(b)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0

OtherEmissionsFromEquipmentLeaksDetails:

Other Emissions rome quipment leaks betails.	
mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	0.0
Does the facility have any equipment leaks subject to reporting under 98.232?	No
Were BAMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BAMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

<u>LocalDistributionCompaniesDetails:</u>

mt CO2	57.7
mt CH4 (mt CO2e)	47870.6
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	47928.3
Were BAMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BAMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total number of above grade T-D transfer stations [98.236(c)(16)(i)]	54
Number of years over which all T-D transfer stations will be monitored at least once [98.236(c)(16)(ii)]	1
Number of T-D stations monitored in calendar year [98.236(c)(16)(iii)]	54
Total number of below grade T-D transfer stations [98.236(c)(16)(iv)]	0

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Total number of above grade metering-regulating stations (this count will include above grade T-D transfer stations) [98.236(c)(16)(v)]	259
Total number of below grade metering-regulating stations (this count will include below grade T-D transfer stations) [98.236(c)(16)(vi)]	170
Annual CO2 emissions from all above grade T-D transfer stations combined (mt CO2) [98.236(c)(16) (xvii)]	0.0
Annual CH4 emissions from all above grade T-D transfer stations combined (mt CO2e) [98.236(c)(16) (xvii)]	0.0
Annual CO2 emissions from all below grade T-D transfer stations combined (mt CO2) [98.236(c)(16) (xviii)]	0.0
Annual CH4 emissions from all below grade T-D transfer stations combined (mt CO2e) [98.236(c)(16) (xviii)]	0.0
Annual CO2 emissions from all above grade metering-regulating stations (including T-D transfer stations) combined (mt CO2) [98.236(c)(16)(xix)]	0.0
Annual CH4 emissions from all above grade metering-regulating stations (including T-D transfer stations) combined (mt CO2e) [98.236(c)(16)(xix)]	0.0
Annual CO2 emissions from all below grade metering-regulating stations (including T-D transfer stations) combined (mt CO2) [98.236(c)(16)(xx)]	0.7
Annual CH4 emissions from all below grade metering-regulating stations (including T-D transfer stations) combined (mt CO2e) $[98.236(c)(16)(xx)]$	577.7
Annual CO2 emissions from all distribution mains combined (mt CO2) [98.236(c)(16)(xxi)]	49.4
Annual CH4 emissions from all distribution mains combined (mt CO2e) [98.236(c)(16)(xxi)]	40981.7
Annual CO2 emissions from all distribution services combined (mt CO2) [98.236(c)(16)(xxii)]	7.6
Annual CH4 emissions from all distribution services combined (mt CO2e) [98.236(c)(16)(xxii)]	6311.2
Leak factor for meter/regulator run developed in Equation W-32 of 98.233 [98.236(c)(16)(viii)] (NOTE: Report the leak factor for CH4 ONLY)	0
Number of miles of unprotected steel distribution mains [98.236(c)(16)(ix)]	37.559
Number of miles of protected steel distribution mains $[98.236(c)(16)(x)]$	968.841
Number of miles of plastic distribution mains [98.236 $(c)(16)(xi)$]	7906.931
Number of miles of cast iron distribution mains [98.236(c)(16)(xii)]	0
Number of unprotected steel distribution services [98.236(c)(16)(xiii)]	5118

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98.236(c)(16)(xiv)	6156
Number of plastic distribution services [98.236(c)(16) (xv)]	
Number of copper distribution services [98.236(c)(16) (xvi)]	735

CombustionEmissionsDetails:

mt CO2	465.0
mt CH4 (mt CO2e)	0.2
mt N2O (mt CO2e)	0.3
Total Emissions (mt CO2e)	465.5
Does the Facility have combustion emissions subject to reporting under 98.232?	Yes
Were BAMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BAMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

 $\underline{\textbf{ExternalFuelHeatCapacityLessThanSpecifiedValueRowDetails:}}$

Type of Unit [98.236(c)(19)(i)]	Process heaters
Number of Units [98.236(c)(19)(i)]	5

ExternalFuelHeatCapacityGreaterThanSpecifiedValueRowDetails:

Type of Unit [98.236(c)(19)(ii)]	Process heaters
Number of Units [98.236(c)(19)(ii)]	1
CO2 Emissions (mt CO2) [98.236(c)(19)(iii)]	465.0
CH4 Emissions (mt CO2e) [98.236(c)(19)(iii)]	0.2
N2O Emissions (mt CO2e) [98.236(c)(19)(iii)]	0.3

Subpart NN: Suppliers of Natural Gas and Natural Gas Liquids

Gas Information Details

Gas Name	Gas Quantity	Own	Result?
Carbon Dioxide	4166888.6 (Metric Tons)		

Name	Value	Times Substituted	
AnnualVolumeGasReceived	98649619 (Mscf)	0	
Industry Standard for Volume:			
Industry standard practices			

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Other Industry Standard for Volume:

Name	Value	Times Substituted
AnnualVolumeGasStored	240092 (Mscf)	0

Name	Value	Times Substituted
AnnualVolumeLNGforDelivery	264041 (Mscf)	0

Name	Value	Times Substituted
AnnualVolumeGasfromStorageforDelivery	0 (Mscf)	0

Name	Value	Times Substituted
AnnualVolumeGasDeliveredtoOtherLDC/Pipe	0 (Mscf)	0

Name	Value	Times Substituted
AnnualVolumeGasBypassedCityGate	0 (Mscf)	0

Name	Value	Own Result?
NN1CO2MassTotal	5370441.9 (Metric Tons)	N

Name	Value	Own Result?
NN3CO2MassTotal	0.0 (Metric Tons)	N

Name	Value	Own Result?
NN4CO2MassTotal	1204856.1 (Metric Tons)	N

Name	Value	Own Result?
NN5aCO2MassTotal	-1302.8 (Metric Tons)	N

Name	Value	Own Result?
NN5bCO2MassTotal	0.0 (Metric Tons)	N

NN1 Equation Details:

Name	Value	Times Substituted
DevelopedHHV	1.026 (MMBtu/Mscf)	

Name	Value	Times Substituted
DevelopedEF	53.06 (kg CO2/MMBtu)	

Industry Standard for HHV: Other Industry Standard for HHV:

Industry Standard for EF: Other Industry Standard for EF:

NN3 Equation Details:

Name	Value	Times Substituted
DevelopedEF	0.0544 (MT CO2/Mscf)	

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Industry Standard for EF:

NN4 Equation Details:

Name	Value	Times Substituted
DevelopedEF	0.0544 (MT CO2/Mscf)	

Industry Standard for EF:

NN5a Equation Details:

Name	Value	Times Substituted
DevelopedEF	0.0544 (MT CO2/Mscf)	

Industry Standard for EF:

NN5b Equation Details:

Name	Value	Times Substituted
DevelopedEF	0.0544 (MT CO2/Mscf)	

Industry Standard for EF:

Large End-User Details Name: Malt O Meal

Address: 705 5th St, Northfield, MN, 55057

Meter Number: 711058

EIA Number:

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value	
AnnualVolumeGasDelivered	dtoMeter 575660 (Mscf)

Name: St Paul Park Refining Co

Address: 360 3rd Ave, St Paul Park, MN, 55071

Meter Number: 712495

EIA Number:

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDelivere	dtoMeter 1721728 (Mscf)

Name: St Paul Park Refining Co

Address: 360 3rd Ave, St Paul Park, MN, 55071

Meter Number: 712494

EIA Number:

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDelivere	dtoMeter 1500192 (Mscf)

Name: St Paul Park Refining Co

Address: 360 3rd Ave, St Paul Park, MN, 55071

Meter Number: 712496

EIA Number:

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Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value	
AnnualVolumeGasDelivered	toMeter 1271912 (Mscf	•)

Name: Waldorf Corporation/Rock-Tenn

Address: 2241 Wabash Ave, St. Paul, MN, 55114

Meter Number: 477095

EIA Number:

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDelivered	dtoMeter 2364667 (Mscf)

Name: High Bridge Combined Cycle Plant

Address: 155 Randolph Ave, St. Paul, MN, 55102

Meter Number: 684727 EIA Number: 1912

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDeliveredtoMeter	13021942 (Mscf)

Name: Blue Lake Generating Plant

Address: 1200 70th St, Shakopee, MN, 55379

Meter Number: 3980 EIA Number: 8027

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDelivere	dtoMeter 1187258 (Mscf)

Name: American Crystal Sugar

Address: 2500 11th St, Moorhead, MN, 56560

Meter Number: 684836

EIA Number:

Total quantity of natural gas reported is the total quantity delivered to: Specific

meter located at the facility

Name	Value
AnnualVolumeGasDelivered	dtoMeter 504731 (Mscf)

NG Delivery Details

Name: Residential consumers

Name	Value
VolumeofNaturalGas	38574786 (Mscf)

Name: Commercial consumers

Name	Value
VolumeofNaturalGas	20498009 (Mscf)

Name: Industrial consumers

	Name	Value
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GHG Summary Report

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VolumeofNaturalGas 24459372 (Mscf)

Name: Electricity generating facilities

Name	Value
VolumeofNaturalGas	14933831 (Mscf)

CERTIFICATE OF SERVICE

- I, Tiffany Hughes, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.
 - <u>xx</u> by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota
 - xx electronic filing

DOCKET NO. E,G002/M-14-185 MISCELLANEOUS NATURAL GAS SERVICE LIST

Dated this 2nd day of March 2015

/s/

Tiffany Hughes

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Julia	Anderson	Julia.Anderson@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Jeffrey A.	Daugherty	jeffrey.daugherty@centerp ointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
lan	Dobson	ian.dobson@ag.state.mn.u s	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service 1400	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Todd J.	Guerrero	todd.guerrero@kutakrock.c om	Kutak Rock LLP	Suite 1750 220 South Sixth Stree Minneapolis, MN 554021425	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Sandra	Hofstetter	N/A	MN Chamber of Commerce	7261 County Road H Fremont, WI 54940-9317	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Michael	Норре	il23@mtn.org	Local Union 23, I.B.E.W.	932 Payne Avenue St. Paul, MN 55130	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Tiffany	Hughes	Regulatory.Records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Richard	Johnson	Rick.Johnson@lawmoss.co m	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
David W.	Niles	david.niles@avantenergy.c om	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Stree Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Miscl Gas

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_14-185_M-14-185
Julia	Anderson	Julia.Anderson@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	Yes	OFF_SL_14-185_M-14-185
Alison C	Archer	alison.c.archer@xcelenerg y.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-185_M-14-185
James J.	Bertrand	james.bertrand@leonard.c om	Leonard Street & Deinard	150 South Fifth Street, Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-185_M-14-185
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Jeffrey A.	Daugherty	jeffrey.daugherty@centerp ointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-185_M-14-185
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