

414 Nicollet Mall Minneapolis, Minnesota 55401

March 1, 2016

## -VIA ELECTRONIC FILING-

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

RE: PETITION AND COMPLIANCE FILING STATE ENERGY POLICY RIDER DOCKET NO. G002/M-16-\_\_\_\_

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Petition and Compliance filing for approval of our July 2016-June 2017 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 <u>rebecca.d.eilers@xcelenergy.com</u> or (612) 330-5570, or me at (612) 330-6613 or <u>amy.a.liberkowski@xcelenergy.com</u>.

Sincerely,

/s/

Amy Liberkowski Manager, Regulatory Analysis

Enclosures

c: Service List

## STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger Nancy Lange Dan Lipschultz Matthew Schuerger John Tuma Chair Commissioner Commissioner Commissioner

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF A MODIFICATION TO OUR NATURAL GAS SEP TARIFF, 2016 SEP RATE FACTOR, AND 2015 SEP COMPLIANCE FILING DOCKET NO. G002/M-16-\_\_\_\_

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 2016 natural gas State Energy Policy (SEP) Rider rate factor, our 2015 Annual SEP compliance filing, and our proposed Customer Notice and Tariff update.

We propose a 2016 natural gas SEP rate factor of \$0.001368 per therm for the recovery of approximately \$1.3 million for the 12 month period of July 2016 – June 2017. If approved as proposed, average natural gas residential customers using 73.67 therms per month would pay approximately \$1.21 per year, compared to \$0.64 in the current 2015 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
- 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. As a result of our recently concluded electric rate case (Docket No. E002/GR-13-868) revenue requirements associated with item 3 were rolled into base rates at the time final rates were

implemented. Therefore, 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;
- 2016 Natural Gas SEP Rate Factor;
- 2015 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	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	Revenue collections (Actual and 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 2014 data as reported to the EPA in March 2015.

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.62, Subd. 3b. (Reliability Administrator)<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> The original statute authorizing the Reliability Administrator (§ 216C.052, Subd. 2) was repealed by 2011 Minn. Laws Ch. 97 § 34. In the same legislative session, § 216B.62, Subd. 3b. was passed, authorizing the Assessment for Department Regional and National Duties through June 30, 2015. The assessment was renewed through June 30, 2017 during the 2015 legislative session. For consistency, we have continued to label these Reliability Administrator (RA) expenses.

- 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 has served a summary of the filing on all parties on the Xcel Energy miscellaneous natural gas service list and the service list from our 2015 SEP Rider filing.<sup>2</sup>

# 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 C. Archer Assistant General Counsel Xcel Energy Services Inc. 414 Nicollet Mall – 5<sup>th</sup> Floor Minneapolis, MN 55401 (612) 215-4662

<sup>&</sup>lt;sup>2</sup> Docket No. G002/M-15-194.

## C. Date of Filing and Proposed Effective Date of Rates

The date of this filing is March 1, 2016. The Company proposes the 2016 natural gas SEP rate factor be included in the Resource Adjustment line on the Company's retail natural gas billing rates effective July 1, 2016.

## 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

Amy Liberkowski Manager, Regulatory Analysis Xcel Energy Services Inc. 414 Nicollet Mall – 7<sup>th</sup> Floor Minneapolis, Minnesota 55401 (612) 330-6613

# V. BACKGROUND INFORMATION

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

The Commission first approved recovery of 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 25, 2008 Order).

The Commission subsequently directed the Company to provide the following information in future annual filings:<sup>3</sup>

- A comparison by month for the past twelve months of actual costs (revenue requirements) versus forecasted costs. (See Attachment C.)
- A discussion of reasons for deviations from budgeted amounts (both higher and lower).

<sup>&</sup>lt;sup>3</sup> September 23, 2010 Order, Docket No. E,G002/M-10-210 (September 23, 2010 Order).

- Specific cast iron project costs and related information.<sup>4</sup>
- Updated SEP Tracker schedules that identify beginning balances, current period transactions, and subsequent ending balances.

We provide a bridging schedule from our last 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.<sup>5</sup> (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 (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 proceedings, analysis, or projects.

# B. 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.

# C. Greenhouse Gas Infrastructure Costs

In its November 25, 2008 Order, the Commission approved our proposed recovery of costs associated with replacement of cast iron pipe through the natural gas SEP rate factor.

# VII. 2016 SEP RATE FACTOR AND CUSTOMER NOTICE

In this Section, we present our 2016 natural gas SEP Rider tariff and customer notice language, and we summarize the contents of our 2016 SEP rate factor.

<sup>&</sup>lt;sup>4</sup> This reporting requirement was discontinued by the Commission's June 3, 2013 Order in Docket No. E,G002/M-13-161 since construction is complete and there are no new projects to discuss.

<sup>&</sup>lt;sup>5</sup> Docket No. G002/GR-09-1153.

## A. Proposed 2016 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, 2016, 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, 14<sup>th</sup> Revised Sheet No. 63 in both redline and clean versions.

We will submit a compliance filing in this docket containing the final 2016 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 2016 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 increased to \$0.001368 per therm.

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

## B. Proposed 2016 Natural Gas SEP Factor

Т	able 1	
Propo	osed Rates	
	2015	2016
Gas	Approved	Forecast
Revenue Requirement	\$693,437	\$1,315,002
Rate/therm	0.000724	0.001368

Our proposed 2016 natural gas SEP rate factor compared to 2016 is as follows:

If approved as proposed, average natural gas residential customers using 73.67 therms per month would pay approximately \$1.21 per year, compared to \$0.64 in the current

2015 SEP Period. We discuss the specific inputs to the natural gas rate factor calculations below.

A summary of 2016 SEP forecasted costs proposed for recovery and the calculation of our proposed natural gas SEP rate factor compared to our approved 2015 SEP costs are follows:

	Table 2 SEP Costs and Rate	Factor	
	2015	2016	
Gas	Approved	Forecast	Difference
RA/SBG	33,524	31,557	(1,967)
Cast Iron	1,901,501	1,821,962	(79,539)
Cast Iron O&M Credit	(72,310)	(72,310)	0
Carryover	(1,169,279)	(466,208)	703,071
Revenue Requirement	693,437	1,315,002	621,565
Therms Sales	957,634,516	961,310,996	3,676,481
Factor	.000724	.001368	.000644

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 2016 natural gas SEP rate factor costs, sales, projected revenues, and anticipated Tracker balance is provided in Attachment B.<sup>6</sup> In addition, we provide the projected revenue collections based on the gas sales forecast as Attachment D4 to this filing.<sup>7</sup> These attachments provide period transactions, as well as beginning and ending Tracker balances, as specified in the Commission's September 23, 2010 Order.

The costs and revenues included in the proposed natural gas 2016 SEP rate factor are not included for recovery under any other tariff rate or base rate.

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, 2016 to June 30, 2017. If actual implementation occurs after July 1, 2016, we propose that the

<sup>&</sup>lt;sup>6</sup> Includes interdepartmental sales.

<sup>7</sup> Fall 2015 sales forecast.

2016 SEP Rider rate factor be adjusted to recover the approved program costs over the remaining months of the period, through June 30, 2017. This approach ensures that the cost recovery matches the approved eligible costs.

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

# C. Natural Gas Cast Iron Pipe Replacement Project

We completed replacement of 25 miles of cast iron pipe, and the replacement program concluded in 2012, though revenue requirements continue until the capitalized costs are fully depreciated. 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 2016 SEP period is \$1.8 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.

# D. O&M Credit Calculation

The September 23, 2010 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 the calculation of the O&M credit calculation as Attachment D3 to this filing. Consistent with our 2012 filing, we have credited the overall O&M level to reflect the portion of cast iron pipe replaced through the 2010 test year as that amount is reflected in base rates.

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.

## VIII. 2015 SEP COMPLIANCE INFORMATION AND TRUE-UP

## A. Tracker Balance Adjustments

The estimated true-up amount from the 2015-2016 SEP Tracker is (466,208). The primary driver of the true-up amount is the adjustment made for interdepartmental sales revenue collections and the implementation date of the 2014-2015 SEP rate, which was five months later than the implementation date used in the rate calculation.<sup>8</sup>

We note that this true-up adjustment is estimated, as we have used actual revenue, costs, and sales through December 2015, and forecasted the January through June 2016 period. Please see Attachment B to this filing for the supporting calculations.

## B. Budget Deviations

The Commission's September 23, 2010 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 (January 2015 – December 2015) of actual natural gas costs (revenue requirements) to the budgeted (forecast) costs excluding carryover balances. Specific deviations are explained below.

The drivers of the differences between the past twelve months' actual and budgeted natural gas costs is that the RA/SBG costs were \$1,967 lower than forecasted. Cast iron pipe replacement costs were \$23,085 lower than forecasted. In summary, total actual costs for the past twelve month were \$25,052 lower than forecasted:

Tab	le 3
Budget Deviations	for Past 12 Months
RA/SBG	(1,967)
Cast Iron	<u>(23,085</u> )
Net variance	(25,052)

In this same twelve-month period, revenue collections were \$425,508 higher than forecasted, which can also be attributed to the adjustment made for interdepartmental

<sup>&</sup>lt;sup>8</sup> We submitted Reply Comments on May 26, 2015 in Docket No. G002/M-15-194 which calculated the natural gas SEP rate with a July 1, 2015 implementation date. The rate was implemented on December 1, 2015 after receipt of the Commission's November 25, 2015 Order.

sales revenue collections and the implementation date of the 2014-2015 SEP rate, which was five months later than the implementation date used in the rate calculation.

## IX. CARBON OFFSETS

Order Point No. 1.B of the November 25, 2008 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.<sup>9</sup> 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 2014 as reported to the EPA in March 2015.

## 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 C. Archer	SaGonna Thompson
Assistant General Counsel	Regulatory Administrator
Xcel Energy	Xcel Energy
414 Nicollet Mall, 5 <sup>th</sup> floor	414 Nicollet Mall, 7 <sup>th</sup> Floor
Minneapolis, Minnesota 55401	Minneapolis, Minnesota 55401
alison.c.archer@xcelenergy.com	regulatory.records@xcelenergy.com

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

<sup>&</sup>lt;sup>9</sup> 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.

## CONCLUSION

We respectfully request that the Commission approve our 2016 natural gas SEP Rate Rider rate factor as proposed in this Petition, our 2015 Annual SEP compliance filing, and our proposed Customer Notice and Tariff update.

Dated: March 1, 2016

Respectfully submitted by:

Northern States Power Company

## STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger Nancy Lange Dan Lipschultz Matthew Schuerger John Tuma Chair Commissioner Commissioner Commissioner

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF A MODIFICATION TO OUR NATURAL GAS SEP TARIFF, 2016 SEP RATE FACTOR, AND 2015 SEP COMPLIANCE FILING DOCKET NO. G002/M-16-\_\_\_\_

PETITION AND COMPLIANCE FILING

## SUMMARY

Please take notice that on March 1, 2016, Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission a Petition for approval of our July 2016-June 2017 natural gas State Energy Policy (SEP) Rider rate factor, pursuant to Minn. Stat. §§ 16B.325, 216B.16, subd. 1, 216B.62 subd. 3b, and Minn. R. 7829.1300 and 7829.0100, and previous Commission Orders in our SEP Rider filings. The Company also submitted its Annual 2015 SEP Compliance Filing, including the calculation of the preliminary 2015 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 2016 Attachment Table of Contents

## SEP Tariff Sheets and Rates

Attachment A1 – Tariff Attachment A2 – Rate Factor: 2015-2017

### Cost Recovery and SEP Rate Calculations

Attachment B – Tracker Attachment C – Budget Deviation Analysis

### Gas Tracker Detail

Attachment D1 – Tracker Detail - RA/SBG Attachment D2 – Tracker Detail - Cast Iron Replacement Revenue Requirement Attachment D3 – Tracker Detail - Cast Iron O&M Credit Attachment D4 – Tracker Detail – Revenue Collections

## Compliance

Attachment E – Base Assumptions – Cast Iron Pipe

Attachment F – 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

### STATE ENERGY POLICY RATE RIDER

Section No. 5 <del>13th</del>14th 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.

### RIDER

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.

Residential	<del>\$0.00072</del> 4 <u>\$0.001368</u> per therm	R
Commercial	<del>\$0.00072</del> 4 <u>\$0.001368</u> per therm	R

### 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.

# Clean

PROPOSED

14th 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.

### RIDER

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.

Residential	\$0.001368 per therm
Commercial	\$0.001368 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.

		Ga	as Rate Factor		
			2015	2016	2017
	note		Approved	Forecast	Forecast
Revenue Requirement	1	\$	693,437	\$ 1,315,002	\$ 1,727,584
Forecasted Therms	2		957,634,516	961,310,996	939,378,616
Gas Rate/therm	3		0.000724	0.001368	0.001839
Implemented Rate/therm			0.000724	TBD	TBD
Residential bill impact / Month	4	\$	0.05	\$ 0.10	\$ 0.14
Residential bill impact / Year	4	\$	0.64	\$ 1.21	\$ 1.63

Notes:

(1) For 2016 and 2017, refer to Gas Tracker (Attachment B) for supporting detail. For 2015, refer to Docket No. G002/M-15-194.

(2) For 2016 and 2017, refer to Gas Tracker Detail: Revenue Collections (Attachment D4) for supporting detail. For 2015, refer to the Commission Order for Docket No. G002/M-15-194.

(3) 2015 rate approved in Docket No. G002/M-15-194. For 2016 and 2017, rates are forecasted.

(4) Assumes 884 therms per year which equates to 73.67 therms per month.

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|  | 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   | Actual  |
| RA/SBG (1)   | D1  |   | ş -   | \$ -   | \$ 6,008   
   
  | \$-  
   | ş -   
  | \$ (8,212)   
   | ş -   
   | s -   
   | \$ 11,216   
   | ş -  | ş -  
   | \$ 8,313   | \$ 17,325   |
| Cast Iron  | D2  |   | \$ 137 <b>,</b> 870   | \$ 143,743   | \$ 151,969   
   
  | \$ 159,006   
   | \$ 164,320  
  | \$ 167,114   
   | \$ 172,683  
   |   
   | \$ 172,167  
   | \$ 172,115   | \$ 172,068   
   | \$ 171,629   | \$ 1,957,002  |
| Cast Iron O&M Credit   | D3  |   | \$ (6,063)  | \$ (6,063)   | \$ (6,063)   
   
  | \$ (6,063)   
   | \$ (6,063)  
  | \$ (6,063)   
   | \$ (6,063)  
   | \$ (6,063)  
   | \$ (6,063)  
   | \$ (6,063)   | \$ (6,063)   
   | \$ (6,063)   | \$ (72,753  |
| Carryover from Prev Yr (2)   |   | \$ 475,877  | \$ 39,656   | \$ 39,656  | \$ 39,656  
   
  | \$ 39,656  
   | \$ 39,656   
  | \$ 39,656  
   | \$ 39,656   
   | \$ 39,656   
   | \$ 39,656   
   | \$ 39,656  | \$ 39,656  
   | \$ 39,656  | \$ 475,877  |
| Revenue Requirements (3)   |   |   | \$ 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)<br>Balance (6) (7)  |   |   | \$ -<br>\$ 132,170  | \$ -<br>\$ 264,515   | \$ -<br>\$ 389,099   
   
  | \$ -<br>\$ 485,442   
   | \$ -<br>\$ 530,152  
  | \$ -<br>\$ 509,746   
   | \$ -<br>\$ 382,160  
   | \$ -<br>\$ 254,209  
   | \$ -<br>\$ 187,556  
   | \$ -<br>\$ 146,193   | \$ -<br>\$ 203,908   
   | \$ -<br>\$ 334,613   | \$ -<br>\$ 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   | Actual  |
| RA/SBG (1)   | D1  |   | s -   | ş -  | \$ 6,471   
   
  | ş -  
   | \$ -  
  | \$ (5,380)   
   | ş -   
   | s -   
   | \$ 8,089  
   | s -  | ş -  
   | \$ 11,548  | \$ 20,729   |
| Cast Iron  | D2  |   | \$ 171,186  | \$ 170,727   | \$ 170,269   
   
  | \$ 169,811   
   | \$ 169,353  
  | \$ 168,894   
   | \$ 167,868  
   | \$ 167,433  
   | \$ 166,999  
   | \$ 166,564   | \$ 166,129   
   | \$ 165,694   | \$ 2,020,928  |
| Cast Iron O&M Credit   | D3  |   | \$ (6,026)  | \$ (6,026)   | \$ (6,026)   
   
  | \$ (6,026)   
   | \$ (6,026)  
  | \$ (6,026)   
   | \$ (6,026)  
   | \$ (6,026)  
   | \$ (6,026)  
   | \$ (6,026)   | \$ (6,026)   
   | \$ (6,026)   | \$ (72,310  |
| Carryover from Prev Yr (2)   |   | \$ 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)   |   |   | \$ 193,044  | \$ 192,586   | \$ 198,599   
   
  | \$ 191,670   
   | \$ 191,211  
  | \$ 185,373   
   | \$ 189,727  
   | \$ 189,292  
   | \$ 196,947  
   | \$ 188,423   | \$ 187,988   
   | \$ 199,101   | \$ 2,303,960  |
| 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 -  
   
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| Balance (6) (7)  |   |   | \$ 125,799  | \$ 122,267   | \$ 129,615   
   
  | \$ 100,430   
   | \$ 21,823   
  | \$ (116,814)   
   | \$ (249,030)  
   | \$ (175,036)  
   | \$ (166,851)  
   | \$ (53,968)  | \$ 32,392  
   | \$ 108,953   | \$ (120,420   |
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   |  |   |
|  | 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   
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   | Actual  
   | Actual  
   | Actual   | Actual   
   | Actual   | Actual  |
| RA/SBG (1)   | D1  |   | s -   | s -  | \$ 10,926  
   
  | ş -  
   | s -   
  | \$ 2,960   
   | s -   
   | s -   
   | \$ 3,642  
   | s -  | s -  
   | \$ 13,137  | \$ 30,665   |
| Cast Iron  | D2  |   | \$ 165,260  | \$ 164,825   | \$ 164,390   
   
  | \$ 163,955   
   | \$ 163,521  
  | \$ 163,086   
   | \$ 161,259  
   | \$ 160,845  
   | \$ 160,430  
   | \$ 160,016   | \$ 159,601   
   | \$ 159,187   | \$ 1,946,375  |
| Cast Iron O&M Credit   | D3  |   | \$ (6,026)  | \$ (6,026)   | \$ (6,026)   
   
  | \$ (6,026)   
   | \$ (6,026)  
  | \$ (6,026)   
   | \$ (6,026)  
   | \$ (6,026)  
   | \$ (6,026)  
   | \$ (6,026)   | \$ (6,026)   
   | \$ (6,026)   | \$ (72,310  |
| Carryover from Prev Yr (2)   |   | \$ (120,420)  | \$ (10,035)   | \$ (10,035)  | \$ (10,035)  
   
  | \$ (10,035)  
   | \$ (10,035)   
  | \$ (10,035)  
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   | \$ (10,035)   
   | \$ (10,035)   
   | \$ (10,035)  | \$ (10,035)  
   | \$ (10,035)  | \$ (120,420   |
| Revenue Requirements (3)   |   |   | \$ 149,199  | \$ 148,764   | \$ 159,256   
   
  | \$ 147,895   
   | \$ 147,460  
  | \$ 149,985   
   | \$ 145,198  
   | \$ 144,784  
   | \$ 148,012  
   | \$ 143,955   | \$ 143,541   
   | \$ 156,263   | \$ 1,784,311  |
| Revenue Collections (4)  | D4  |   | \$ 71,882   | \$ 56,922  | \$ 59,361  
   
  | \$ 82,810  
   | \$ 130,778  
  | \$ 1.385.934   
   | \$ 296,717  
   | \$ 255,530  
   | \$ 292,994  
   | \$ 189,378   | \$ 109,266   
   | \$ 97,752  | \$ 3,029,325  |
| Carbon Offset Payments (5)   |   |   | \$ -  | \$ -   | ę  
   
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  | \$ -<br>\$ 65.085  
   | \$ -<br>\$ 16.692   
  | \$ -<br>\$ (1.235.040)   
   | \$ -<br>\$ (151.510)  
   | \$ -<br>\$ (110.746)  
   | \$ -<br>\$ (144.083)  
   | \$ -<br>\$ (45.422)  | \$ -<br>\$ 34.275  
   | \$ -<br>\$ 58511   | \$ -<br>\$ (1.245.014)  |
| Balance (6) (7)  |   |   | \$ 77,317   | \$ 91,842  | \$ 99,895  
   
  | \$ 65,085  
   | \$ -<br>\$ 16,682   
  | \$ -<br>\$ (1,235,949)   
   | \$ -<br>\$ (151,519)  
   | \$ -<br>\$ (110,746)  
   | \$ -<br>\$ (144,983)  
   | \$ .<br>\$ (45,422)  | \$ -<br>\$ 34,275  
   | \$ -<br>\$ 58,511  | \$ -<br>\$ (1,245,014)  |
| , , ,  |   |   | \$ 77,317   | \$ 91,842  |  
   
  |  
   | \$ 16,682   
  | \$ (1,235,949)   
   |   
   |   
   |   
   | \$ (45,422)  | \$ 34,275  
   |  | \$ (1,245,014)  |
| , , ,  | Reference   | Carryover   | \$ 77,317<br>Jul-15   | \$ 91,842<br>Aug-15  | Sep-15   
   
  | Oct-15   
   | \$ 16,682<br>Nov-15   
  | \$ (1,235,949)<br>Dec-15   
   | Jan-16  
   | Feb-16  
   | Mar-16  
   | \$ (45,422)<br>Apr-16  | \$ 34,275<br>May-16  
   | Jun-16   | \$ (1,245,014)<br>Total -15   |
| Balance (6) (7)  | Attachment  | Carryover<br>Balance  | \$ 77,317   | \$ 91,842  | Sep-15<br>Actual   
   
  |  
   | \$ 16,682<br>Nov-15<br>Actual   
  | \$ (1,235,949)<br>Dec-15<br>Actual   
   | Jan-16<br>Forecast  
   | Feb-16<br>Forecast  
   | Mar-16<br>Forecast  
   | \$ (45,422)<br>Apr-16<br>Forecast  | \$ 34,275<br>May-16<br>Forecast  
   | Jun-16<br>Forecast   | \$ (1,245,014)<br>Total -15<br>Act/Fcst   |
| , , ,  | Attachment<br>D1  |   | \$ 77,317<br>Jul-15   | \$ 91,842<br>Aug-15  | Sep-15<br>Actual<br>\$ 12,911  
   
  | Oct-15   
   | \$ 16,682<br>Nov-15   
  | \$ (1,235,949)<br>Dec-15   
   | Jan-16<br>Forecast<br>\$ -  
   | Feb-16  
   | Mar-16<br>Forecast<br>\$ 2,568  
   | \$ (45,422)<br>Apr-16  | \$ 34,275<br>May-16  
   | Jun-16<br>Forecast<br>\$ 9,264   | \$ (1,245,014)<br>Total -15   |
| Balance (6) (7)  | Attachment  |   | \$ 77,317<br>Jul-15   | \$ 91,842<br>Aug-15  | Sep-15<br>Actual   
   
  | Oct-15   
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115   
  | \$ (1,235,949)<br>Dec-15<br>Actual   
   | Jan-16<br>Forecast  
   | Feb-16<br>Forecast  
   | Mar-16<br>Forecast  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832  | \$ 34,275<br>May-16<br>Forecast  
   | Jun-16<br>Forecast   | \$ (1,245,014)<br>Total -15<br>Act/Fcst   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit   | Attachment<br>D1<br>D2<br>D3  |   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -  | Sep-15<br>Actual<br>\$ 12,911  
   
  | Oct-15<br>Actual<br>\$ -   
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868   
   | Jan-16<br>Forecast<br>\$ -  
   | Feb-16<br>Forecast<br>\$ -  
   | Mar-16<br>Forecast<br>\$ 2,568  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -  | \$ 34,275<br>May-16<br>Forecast<br>\$ -  
   | Jun-16<br>Forecast<br>\$ 9,264   | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron   | Attachment<br>D1<br>D2<br>D3  |   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358  | Sep-15<br>Actual<br>\$ 12,911<br>\$ 157,944  
   
  | Oct-15<br>Actual<br>\$ -<br>\$ 157,529   
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700   
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940  
   | Feb-16<br>Forecast<br>\$ -<br>\$ 155,561  
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832  | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482  
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142   | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit   | Attachment<br>D1<br>D2<br>D3  | Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)  | Sep-15<br>Actual<br>\$ 12,911<br>\$ 157,944<br>\$ (6,026)  
   
  | Oct-15<br>Actual<br>\$ -<br>\$ 157,529<br>\$ (6,026)   
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115<br>\$ (6,026)   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)   
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)  
   | Feb-16<br>Forecast<br>\$ -<br>\$ 155,561<br>\$ (6,026)  
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)  | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)  
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)   | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)   | Attachment<br>D1<br>D2<br>D3  | Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996  | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078   
   
  | Oct-15<br>Actual<br>\$ -<br>\$ 157,529<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,752  
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,338  
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163   
   | Feb-16<br>Forecast<br>\$ -<br>\$ 155,561<br>\$ (6,026)<br>\$ (103,751)  
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)<br>\$ (103,751)  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055   | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629  | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Collections (3)</b>   | Attachment<br>D1<br>D2<br>D3  | Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)   
   
  | Oct-15<br>Actual<br>\$ -<br>\$ 157,529<br>\$ (6,026)<br>\$ (103,751)   
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115<br>\$ (6,026)<br>\$ (103,751)   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791<br>\$ 161,745  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)  
   | Feb-16<br>Forecast<br>\$ -<br>\$ 155,561<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,784   
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,983   
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)  | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)  
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)   | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron 0&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Carbon Offsee Payments (5)  | Attachment<br>D1<br>D2<br>D3  | Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ -   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412<br>\$ -  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078           \$ 88,900           \$ -  
   
  | Oct-15           Actual           \$           157,529           \$           (6,026)           \$           (103,751)           \$           47,752           \$           90,860   
   | Ic,682           Nov-15           Actual           \$           -           \$           157,115           \$           (6,026)           \$           (103,751)           \$           \$           132,683           \$   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791<br>\$ 161,745<br>\$ -  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ -   
   | Feb-16           Forecast           \$         -           \$         155,561           \$         (6,026)           \$         (103,751)           \$         45,784           \$         92,383           \$         -  
   | Mar-16           Forecast           \$ 2,568           155,191           \$ (6,026)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ -   
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055<br>\$ 54,122<br>\$ -  | 34,275           May-16           Forecast           \$         -           \$         154,482           \$         (6,026)           \$         (103,751)           \$         44,705           \$         33,946   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ -   | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854<br>\$ 1,052,062<br>\$ -   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Collections (3)</b>   | Attachment<br>D1<br>D2<br>D3  | Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078   
   
  | Oct-15<br>Actual<br>\$ -<br>\$ 157,529<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,752  
   | \$ 16,682<br>Nov-15<br>Actual<br>\$ -<br>\$ 157,115<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,338  
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791<br>\$ 161,745  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163   
   | Feb-16<br>Forecast<br>\$ -<br>\$ 155,561<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,784   
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,983   
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055   | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629  | \$ (1,245,014)<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron 0&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Carbon Offsee Payments (5)  | Attachment<br>D1<br>D2<br>D3  | Balance<br>\$ (1,245,014)   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 9,7466<br>\$ -<br>\$ (48,470)   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412<br>\$ -<br>\$ (36,831)   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078           \$ 88,900           \$ -           \$ (27,822)  
   
  | Oct-15           Actual           \$           157,529           \$           (6,026)           \$           (103,751)           \$           47,752           \$           90,860   
   | Ic,682           Nov-15           Actual           \$           -           \$           157,115           \$           (6,026)           \$           (103,751)           \$           \$           132,683           \$   
  | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791<br>\$ 161,745<br>\$ -  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ 109,576<br>\$ -<br>\$ (63,413)  
   | Feb-16           Forecast           \$         -           \$         155,561           \$         (6,026)           \$         (103,751)           \$         45,784           \$         92,383           \$         -  
   | Mar-16           Forecast           \$ 2,568           155,191           \$ (6,026)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ -   
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055<br>\$ 54,122<br>\$ -<br>\$ (9,067)  | \$ 34,275<br><b>May-16</b><br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ 15,482<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ -<br>\$ 10,759   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ -<br>\$ 21,226  | \$ (1,245,014)<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854<br>\$ 1,052,062<br>\$ -   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron 0&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Carbon Offsee Payments (5)  | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference   | Balance<br>\$ (1,245,014)<br>Carryover  | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ -<br>\$ (48,470)<br>Jul-16  | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412<br>\$ -<br>\$ (36,831)<br>Aug-16   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078           \$ 88,900           \$ 27,822)           Sep-16   
   
  | Oct-15           Actual           \$           -           \$           157,529           \$           (6,026)           \$           (103,751)           \$           47,752           \$           90,860           \$           -           \$           (43,107)           Oct-16  
   | Inc.         Inc. <th< td=""><td>\$ (1,235,949)<br/>Dec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ 161,745<br/>\$ -<br/>\$ (112,954)<br/>Dec-16</td><td>Jan-16<br/>Forecast<br/>\$ -<br/>\$ 155,940<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 46,163<br/>\$ 109,576<br/>\$ -<br/>\$ (63,413)<br/>Jan-17</td><td>Feb-16           Forecast           \$           -           \$           155,561           \$           (6,026)           \$           (103,751)           \$           45,784           \$           92,383           \$           -           \$           (46,599)</td><td>Mar-16<br/>Forecast<br/>\$ 2,568<br/>\$ 155,191<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 47,983<br/>\$ 72,567<br/>\$ 72,567<br/>\$ -<br/>\$ (24,584)</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 45,055<br/>\$ 54,122<br/>\$ -<br/>\$ (9,067)<br/>Apr-17</td><td>\$ 34,275<br/><b>May-16</b><br/>Forecast<br/>\$ -<br/>\$ 154,482<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,946<br/>\$ -<br/>\$ -<br/>\$ 0,026<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,946<br/>\$ -<br/>\$ -<br/>\$ 0,026<br/>\$ 0,</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ -<br/>\$ 21,226<br/>Jun-17</td><td>\$ (1,245,014<br/>Total -15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310<br/>\$ (1,245,014)<br/>\$ 585,854<br/>\$ 1,052,062<br/>\$ -<br/>\$ (466,208)<br/>Total -16</td></th<>  
   | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,791<br>\$ 161,745<br>\$ -<br>\$ (112,954)<br>Dec-16   
  | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ -<br>\$ (63,413)<br>Jan-17   
  | Feb-16           Forecast           \$           -           \$           155,561           \$           (6,026)           \$           (103,751)           \$           45,784           \$           92,383           \$           -           \$           (46,599)   
  | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,983<br>\$ 72,567<br>\$ 72,567<br>\$ -<br>\$ (24,584)  | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055<br>\$ 54,122<br>\$ -<br>\$ (9,067)<br>Apr-17  
   | \$ 34,275<br><b>May-16</b><br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ -<br>\$ 0,026<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ -<br>\$ 0,026<br>\$ 0,  | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ -<br>\$ 21,226<br>Jun-17  | \$ (1,245,014<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310<br>\$ (1,245,014)<br>\$ 585,854<br>\$ 1,052,062<br>\$ -<br>\$ (466,208)<br>Total -16  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Requirements (3)</b><br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)  | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference<br>Attachment   | Balance<br>\$ (1,245,014)   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 9,7466<br>\$ -<br>\$ (48,470)   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412<br>\$ -<br>\$ (36,831)   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (6,026)           \$ (103,751)           \$ 61,078           \$ 88,900           \$ -           \$ (27,822)           Sep-16           Forecast  
   
  | Oct-15           Actual           \$ <td< td=""><td>Nov-15<br/>Actual           \$         -           \$         -           \$         157,115           \$         (6,026)           \$         103,751)           \$         47,338           \$         132,683           \$         .           \$         (85,345)</td><td>*         (1,235,949)           Dec-15         Actual           \$\$         1,868           \$\$         156,700           \$\$         (6,026)           \$\$         (103,751)           \$\$         48,791           \$\$         161,745           \$\$         (12,254)           Dec-16         Forecast</td><td>Jan-16<br/>Forecast<br/>\$ -<br/>\$ 155,940<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 46,163<br/>\$ 109,576<br/>\$ 109,576<br/>\$ -<br/>\$ (63,413)</td><td>Feb-16           Forecast           \$           -           \$           155,561           \$           (103,751)           \$</td><td>Mar-16<br/>Forecast<br/>\$ 2,568<br/>\$ 155,191<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 47,983<br/>\$ 72,567<br/>\$ -<br/>\$ (24,584)<br/>Mar-17<br/>Forecast</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 43,055<br/>\$ 54,122<br/>\$ -<br/>\$ (9,067)<br/>Apr-17<br/>Forecast</td><td>\$ 34,275<br/><b>May-16</b><br/>Forecast<br/>\$ -<br/>\$ 154,482<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,946<br/>\$ -<br/>\$ 15,482<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,946<br/>\$ -<br/>\$ -<br/>\$ 10,759</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (6,026)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ -<br/>\$ 21,226<br/>Jun-17<br/>Forecast</td><td>\$ (1,245,014<br/>Total -15<br/>Act/Fcst<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310<br/>\$ (1,245,014<br/>\$ 585,854<br/>\$ 1,052,062<br/>\$ -<br/>\$ (466,208<br/>Total -16<br/>Forecast</td></td<>   
   | Nov-15<br>Actual           \$         -           \$         -           \$         157,115           \$         (6,026)           \$         103,751)           \$         47,338           \$         132,683           \$         .           \$         (85,345)  
  | *         (1,235,949)           Dec-15         Actual           \$\$         1,868           \$\$         156,700           \$\$         (6,026)           \$\$         (103,751)           \$\$         48,791           \$\$         161,745           \$\$         (12,254)           Dec-16         Forecast   
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ 109,576<br>\$ -<br>\$ (63,413)  
   | Feb-16           Forecast           \$           -           \$           155,561           \$           (103,751)           \$   
   | Mar-16<br>Forecast<br>\$ 2,568<br>\$ 155,191<br>\$ (6,026)<br>\$ (103,751)<br>\$ 47,983<br>\$ 72,567<br>\$ -<br>\$ (24,584)<br>Mar-17<br>Forecast   
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 43,055<br>\$ 54,122<br>\$ -<br>\$ (9,067)<br>Apr-17<br>Forecast  | \$ 34,275<br><b>May-16</b><br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ 15,482<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ -<br>\$ 10,759   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (6,026)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ -<br>\$ 21,226<br>Jun-17<br>Forecast  | \$ (1,245,014<br>Total -15<br>Act/Fcst<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310<br>\$ (1,245,014<br>\$ 585,854<br>\$ 1,052,062<br>\$ -<br>\$ (466,208<br>Total -16<br>Forecast  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue equirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)   | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference<br>Attachment<br>D1   | Balance<br>\$ (1,245,014)<br>Carryover  | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ 97,466<br>\$ -<br>\$ (48,470)<br>Jul-16<br>Forecast<br>\$ -  | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,581<br>\$ 85,412<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ -   | Sep-15           Actual           \$ 12,911           \$ 15,944           \$ (6,026)           \$ (103,751)           \$ 61,078           \$ 88,900           \$ 2           \$ (27,822)           Sep-16           Forecast           \$ 9,105  
   
  | Oct-15           Actual           \$           -           \$           157,529           \$           (6,026)           \$           (103,751)           \$           47,752           \$           90,860           \$           -           \$           (43,107)           Oct-16           Forecast           \$  
   | Increment           Nov-15           Actual           \$           157,115           \$  
  | \$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 1,868           \$ 1,66700           \$ (6,026)           \$ (103,751)           \$ 161,745           \$ (112,954)           Dec-16           Forecast           \$ 10,620  
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ -<br>\$ (63,413)<br>Jan-17<br>Forecast<br>\$ -  
   | Feb-16           Forecast           \$           -           \$           155,561           \$           (6,026)           \$           (103,751)           \$           9           \$           \$           9           \$           \$           (46,599)           Feb-17           Forecast           \$  
   | Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (6,026)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ (24,584)           Har-17           Forecast           \$ 2,568  
   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ 154,832<br>\$ (6,026)<br>\$ (103,751)<br>\$ 45,055<br>\$ 54,122<br>\$ -<br>\$ (9,067)<br>Forecast<br>\$ -  | \$ 34,275<br>Way-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (6,026)<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,946<br>\$ -<br>\$ 33,946<br>\$ -<br>\$ 10,759<br>Way-17<br>Forecast<br>\$ -  
   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 6,040           \$ (04,05)           \$ 05,400           \$ 05,400           \$ 32,403           \$ -           \$ 21,226           Jun-17           Forecast           \$ 9,264  | \$ (1,245,014<br>Total -15<br>Act/Fest<br>\$ 22,6111<br>\$ 1,875,666<br>\$ (72,310<br>\$ (1,245,014)<br>\$ 1,052,062<br>\$ 1,052,062<br>\$ 1,052,062<br>\$ 1,052,062<br>\$ 31,557<br>\$ 31,557  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron  | Attachment<br>D1<br>D2<br>D3<br>D4<br>Attachment<br>D1<br>D2  | Balance<br>\$ (1,245,014)<br>Carryover  | \$         77,317           Jul-15         Actual           \$         -           \$         158,773           \$         16,6026           \$         158,773           \$         (6,026)           \$         (103,751)           \$         48,996           \$         97,466           \$         -           \$         (48,470)           Jul-16         Forecast           \$         -           \$         153,812  | \$ 91,842<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (103,751)<br>\$ 48,581<br>\$ (103,751)<br>\$ 48,581<br>\$ 5 (36,831)<br>Aug-16<br>Forecas<br>\$ 153,492  | Sep-15           Actual           \$           12,911           \$   
   
  | Oct-15           Actual           \$           -           \$           157,529           \$           (6,026)           \$           (103,751)           \$           90,860           \$           -           \$           00,660           \$           -           \$           -           Cot-16           Forecast           \$           \$           152,882   
   | s         16,682           Nov-15           Actual         s           \$         157,115           \$         (6,026)           \$         (6,026)           \$         (47,338)           \$         47,338           \$         132,683           \$         -           Forecast         -           \$         152,592   
  | <ul> <li>\$ (1,235,949)</li> <li>Bec-15</li> <li>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (6,026)</li> <li>\$ (103,751)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 161,745</li> <li>\$ -</li> <li>\$ (112,954)</li> <li>\$ (102,554)</li> <li>\$ 10,620</li> <li>\$ 10,620</li> <li>\$ 10,620</li> <li>\$ 152,312</li> </ul>   
   | Jan-16           Forecast           \$         -           \$         155,940           \$         (6,026)           \$         (103,751)           \$         46,163           \$         109,576           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         151,823  
   | Feb-16           Forecast           \$         -           \$         155.561           \$         (6,026)           \$         (103,751)           \$         45,784           \$         9.2,82           \$         -           \$         46,599) <b>Feb-17 Forbase</b> \$         -           \$         -           \$         -           \$         -           \$         -  
   | Mar-16           Forecast           \$ 2,568           \$ 155,101           \$ (6,026)           \$ (103,751)           \$ 47,983           \$ 72,568           \$ (24,584)           Forecast           \$ 25,68           \$ 2,568           \$ 2,568           \$ 2,568           \$ 150,714   
   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (6,026)           \$         (103,751)           \$         (45,055)           \$         (40,067)           \$         (9,067)           Apr-17         Forecast           \$         -           \$         150,365   | \$ 34,275<br><b>May-16</b><br>Forecast<br>\$ 154,482<br>\$ (103,751)<br>\$ 44,705<br>\$ (103,751)<br>\$ (103,751)<br><b>S</b> 44,705<br><b>S</b> -<br><b>S</b> (103,751)<br><b>S</b> 44,705<br><b>S</b> -<br><b>S</b> (105,751)<br><b>S</b> -<br><b>S</b> (105,751)<br><b>S</b> -<br><b>S</b> (105,751)<br><b>S</b> -<br><b>S</b> (105,751)<br><b>S</b> -<br><b>S</b> (105,751)<br><b>S</b> (105,751)  | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (6,026)           \$ 132,413           \$ 33,2403           \$ 33,2403           \$ 32,403           \$ 21,226           Forecast           \$ 9,264           \$ 149,692  
  | \$ (1,245,014<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310<br>\$ (1,245,014<br>\$ 585,854<br>\$ (1,245,014<br>\$ (1,245,014)<br>\$   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron<br>Cast Iron O&M Credit   | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference<br>Attachment<br>D1<br>D2<br>D3   | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ 5 58,773<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,66<br>\$ 97,66<br>\$ 97,66<br>\$ -<br>\$ (48,470)<br>Jul-16<br>Forecast<br>\$ -<br>\$ 153,812<br>\$ (5,026)  | \$ 91,842<br>Aug-15<br>Actual<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ 5.12<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ (36,831)<br>\$ 153,492<br>\$ (60,26)  | Sep-15           Actual         \$         12,911         \$         157,944           \$         (103,751)         \$ <td< td=""><td>Oct-15           Actual           \$           157,529           \$           (6,026)           \$           (43,107)           \$           Oct-16           Forecast           \$</td><td>\$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         \$         (103,751)       
   \$         47,338         \$         132,683           \$         132,683         \$         -           \$         (85,345)         \$         -           \$         Nov-16         Forecast         \$           \$         -         \$         152,592           \$         (6,026)         \$         (6,026)</td><td>\$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 156,700           \$ (103,751)           \$ (48,791)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,554)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (52,312)           \$ (6,026)</td><td>Jan-16           Forecast           \$         -           \$         155,940           \$         (6,026)           \$         46,163           \$         109,576           \$         -           \$         (63,413)           <b>Jan-17</b>         Forecast           \$         -           \$         151,833           \$         151,833           \$         16,026)</td><td>Feb-16           Forecast           \$         -           \$         155,561           \$         (103,751)           \$         92,383           \$         -           \$         (46,599)           Feb-17           Forecast           \$         151,071           \$         151,071           \$         151,071           \$         151,071</td><td>Mar-16           Forecast           \$         2,568           \$         155,191           \$         (6,026)           \$         103,751)           \$         72,567           \$         -2,568           \$         2,568           \$         150,762           \$         2,568           \$         2,568           \$         150,714           \$         150,714</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ 5 5,4,832<br/>\$ (0,3751)<br/>\$ 45,055<br/>\$ 5,4122<br/>\$ -<br/>\$ (0,067)<br/>Apr-17<br/>Forecast<br/>\$ -<br/>\$ (0,067)<br/>\$ 45,055<br/>\$ -<br/>\$ (0,067)<br/>\$ 5,5<br/>\$ 5,5</td><td>\$ 34,275<br/>May-16<br/>Forecast<br/>\$ -<br/>\$ 154,482<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 3,0-<br/>\$ 10,759<br/>May-17<br/>Forecast<br/>\$ -<br/>\$ 150,042<br/>\$ 150,024<br/>\$ (6,026)</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 154,142           \$ 53,629           \$ 21,226           Forecast           \$ 21,226           \$ 9,264           \$ 21,226           \$ 9,264           \$ 21,226</td><td>\$ (1,245,014)<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,870,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ 588,854<br/>\$ 0,230,002<br/>\$ (466,208)<br/>Total-16<br/>Forecast<br/>\$ 31,557<br/>\$ 1,821,962<br/>\$ (7,23,10)</td></td<>   | Oct-15           Actual           \$           157,529           \$           (6,026)           \$           (43,107)           \$           Oct-16           Forecast           \$   
   
   | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         \$         (103,751)           \$         47,338         \$         132,683           \$         132,683         \$         -           \$         (85,345)         \$         -           \$         Nov-16         Forecast         \$           \$         -         \$         152,592           \$         (6,026)         \$         (6,026)   
  | \$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 156,700           \$ (103,751)           \$ (48,791)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,554)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (52,312)           \$ (6,026)   
   | Jan-16           Forecast           \$         -           \$         155,940           \$         (6,026)           \$         46,163           \$         109,576           \$         -           \$         (63,413) <b>Jan-17</b> Forecast           \$         -           \$         151,833           \$         151,833           \$         16,026)   
   | Feb-16           Forecast           \$         -           \$         155,561           \$         (103,751)           \$         92,383           \$         -           \$         (46,599)           Feb-17           Forecast           \$         151,071           \$         151,071           \$         151,071           \$         151,071   
   | Mar-16           Forecast           \$         2,568           \$         155,191           \$         (6,026)           \$         103,751)           \$         72,567           \$         -2,568           \$         2,568           \$         150,762           \$         2,568           \$         2,568           \$         150,714           \$         150,714  | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ 5 5,4,832<br>\$ (0,3751)<br>\$ 45,055<br>\$ 5,4122<br>\$ -<br>\$ (0,067)<br>Apr-17<br>Forecast<br>\$ -<br>\$ (0,067)<br>\$ 45,055<br>\$ -<br>\$ (0,067)<br>\$ 5,5<br>\$ 5,5  | \$ 34,275<br>May-16<br>Forecast<br>\$ -<br>\$ 154,482<br>\$ (103,751)<br>\$ 44,705<br>\$ 3,0-<br>\$ 10,759<br>May-17<br>Forecast<br>\$ -<br>\$ 150,042<br>\$ 150,024<br>\$ (6,026)   
   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 154,142           \$ 53,629           \$ 21,226           Forecast           \$ 21,226           \$ 9,264           \$ 21,226           \$ 9,264           \$ 21,226  | \$ (1,245,014)<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,870,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 588,854<br>\$ 0,230,002<br>\$ (466,208)<br>Total-16<br>Forecast<br>\$ 31,557<br>\$ 1,821,962<br>\$ (7,23,10)  
  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue equirements (3)<br>Revenue equirements (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)  | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference<br>Attachment<br>D1<br>D2<br>D3   | Balance<br>\$ (1,245,014)<br>Carryover  | s         77,317           Jul-15         Actual           S         -           S         158,773           S         (60,26)           S         (103,751)           S         48,996           S         -      S  | \$         91,842           Aug-15         Actual           \$         158,358           \$         158,358           \$         158,358           \$         158,358           \$         6,026)           \$         0103,751)           \$         85,412           \$         -           \$         (36,831)           Aug-16         For cast           \$         5,3,492           \$         (6,026)           \$         (6,026)           \$         (6,026)           \$         (6,026)           \$         (8,851)  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (003,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (104,620)           \$ (108,621)           \$ (108,621)           \$ (108,621)  
   
  | Oct-15           Actual           \$ <td< td=""><td>\$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (103,751)           \$         47,338           \$         132,683           \$         685,345)           Nov-16         Forecast           \$         152,592           \$         (6,026)           \$         (38,851)</td><td>\$ (1,235,949)<br/>Dec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (60,26)<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (101,745)<br/>\$ (112,954)<br/><b>Dec-16</b><br/><b>Forecast</b><br/>\$ 10,620<br/>\$ 152,312<br/>\$ (0,826)<br/>\$ (</td><td>Jan-16           Forecast           \$           &lt;</td><td>Feb-16           Forecast           \$           &lt;</td><td>Mar-16           Forecast           \$           2,568           \$           155,191           \$           (6,026)           \$           (10,3751)           \$           72,567           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           3           3           3, 50,714           \$           3, 6,60,20,95           3, 8,851)</td><td>\$         (45,422)           Apr-16         Forceast           \$         154,832           \$         (6,026)           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (104,751)           \$         45,055           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (1</td><td>\$ 34,275<br/>Forecast<br/>\$ 154,482<br/>\$ (60,26)<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 3,346<br/>\$ -<br/>\$ 10,759<br/>Forecast<br/>\$ -<br/>\$ 10,024<br/>\$ (50,024)<br/>\$ -<br/>\$ 10,759<br/>Forecast<br/>\$ -<br/>\$ 10,759<br/>\$ -<br/>\$ (0,026)<br/>\$ -<br/>\$ (10,759)<br/>\$ -<br/>\$ -<br/>\$ (10,026)<br/>\$ -<br/>\$ -<br/>\$ (10,026)<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16           Forecast           \$         9,2(4)           \$         154,142           \$         (6,026)           \$         103,751)           \$         32,403           \$         -           \$         32,403           \$         -           \$         21,226</td><td>\$ (1,245,014)<br/>Total -15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ 585,854<br/>\$ 1,105,2062<br/>\$ (1,245,014)<br/>\$ 1,557<br/>\$ 1,821,962<br/>\$ (466,208)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (462,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (2,310)<br/>\$ (466,208)<br/>\$ (46,208)<br/>\$ (466,208)<br/>\$ (466,208)</td></td<>   
                            | \$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (103,751)           \$         47,338           \$         132,683           \$         685,345)           Nov-16         Forecast           \$         152,592           \$         (6,026)           \$         (38,851)   
   | \$ (1,235,949)<br>Dec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,791<br>\$ (101,745)<br>\$ (112,954)<br><b>Dec-16</b><br><b>Forecast</b><br>\$ 10,620<br>\$ 152,312<br>\$ (0,826)<br>\$ (  
  | Jan-16           Forecast           \$           <   
  | Feb-16           Forecast           \$           <   
  | Mar-16           Forecast           \$           2,568           \$           155,191           \$           (6,026)           \$           (10,3751)           \$           72,567           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           3           3           3, 50,714           \$           3, 6,60,20,95           3, 8,851)   | \$         (45,422)           Apr-16         Forceast           \$         154,832           \$         (6,026)           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (104,751)           \$         45,055           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (1   | \$ 34,275<br>Forecast<br>\$ 154,482<br>\$ (60,26)<br>\$ (103,751)<br>\$ 44,705<br>\$ 3,346<br>\$ -<br>\$ 10,759<br>Forecast<br>\$ -<br>\$ 10,024<br>\$ (50,024)<br>\$ -<br>\$ 10,759<br>Forecast<br>\$ -<br>\$ 10,759<br>\$ -<br>\$ (0,026)<br>\$ -<br>\$ (10,759)<br>\$ -<br>\$ -<br>\$ (10,026)<br>\$ -<br>\$ -<br>\$ (10,026)<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -  
  | Jun-16           Forecast           \$         9,2(4)           \$         154,142           \$         (6,026)           \$         103,751)           \$         32,403           \$         -           \$         32,403           \$         -           \$         21,226  | \$ (1,245,014)<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854<br>\$ 1,105,2062<br>\$ (1,245,014)<br>\$ 1,557<br>\$ 1,821,962<br>\$ (466,208)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (462,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (2,310)<br>\$ (466,208)<br>\$ (46,208)<br>\$ (466,208)<br>\$ (466,208)                             |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue Requirements (3)  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D4 D4 D4 D4 D1 D2 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D4 | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance   | \$         77,317           Jul-15         Actual           \$         158,773           \$         158,773           \$         6,020           \$         (103,751)           \$         48,996           \$         9.74,466           \$         9.74,666           \$         9.74,667           \$         9.74,667           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,777           \$         9.74,777   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20<br>\$ (103,751)<br>\$ 485,81<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ (36,831)<br>\$ (38,851)<br>\$ (38,851)<br>\$ 108,616  | Sep-15           Actual           \$ 12,911           \$ 12,911           \$ 157,944           \$ (003,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ Sep-16           Forecast           \$ 15,108           \$ (5,020)           \$ (6,020)           \$ (38,851)           \$ (17,411)  
   
  | Oct-15           Actual           \$ <td< td=""><td>s         16,682           Nov-15<br/>Actual           \$         157,115           \$         (6,026)           \$         (103,751)           \$         47,338           \$         132,683           \$         132,683           \$         152,592           \$         152,592           \$         (6,026)           \$         152,592           \$         (6,026)           \$         (38,851)           \$         107,716</td><td>\$ (1,235,949)<br/><b>Dec-15</b><br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (103,751)<br/>\$ 486,791<br/>\$ (112,954)<br/><b>Dec-16</b><br/><b>Forecast</b><br/>\$ 10,620<br/>\$ 105,202<br/>\$ (0,026)<br/>\$ (38,851)<br/>\$ 118,056</td><td>Jan-16<br/>Forecast<br/>\$ -<br/>\$ 155,940<br/>\$ (6,026)<br/>\$ 46,163<br/>\$ 109,576<br/>\$ -<br/>\$ (3,413)<br/>Jan-17<br/>Forecast<br/>\$ -<br/>\$ 151,823<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 106,946</td><td>Feb-16           Forecast           \$         155,561           \$         (6,020)           \$         (103,751)           \$         (103,751)           \$         (45,784)           \$         92,333           \$         -           \$         (46,599)           Forecast         \$           \$         151,071           \$         (6,020)           \$         (38,851)           \$         (6,020)           \$         (38,851)</td><td>War-16           Forecast           \$           2,568           \$</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         6,020           \$         (103,751)           \$         45,055           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         7           Forecast         \$           \$         150,408           \$         (6,020)           \$         105,408</td><td>S         34,275           Way-16         Forecast           S         -           S         154,482           S         (60,20)           S         (103,751)           S         44,705           S         -           S         -           S         -           S         -           S         -           V         Forecast           S         -           S         10,759           S         150,024           S         (60,026)           S         (8,851)           S         (8,851)           S         (105,148)</td><td>Jun-16           Borecast           \$ 9,264           \$ 154,142           \$ (6,026)           \$ (103,751)           \$ 53,620           \$ 21,226           Jun-17           Forecast           \$ 149,692           \$ (38,851)           \$ (38,851)           \$ (38,851)           \$ (114,080)</td><td>\$ (1,245,014)<br/>Total-15<br/>Act/Fest<br/>\$ 2,6,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ 585,854<br/>\$ (1,245,014)<br/>\$ (1,255,014)<br/>\$ (1,255,014)</td></td<>  
  | s         16,682           Nov-15<br>Actual           \$         157,115           \$         (6,026)           \$         (103,751)           \$         47,338           \$         132,683           \$         132,683           \$         152,592           \$         152,592           \$         (6,026)           \$         152,592           \$         (6,026)           \$         (38,851)           \$         107,716   
   | \$ (1,235,949)<br><b>Dec-15</b><br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 486,791<br>\$ (112,954)<br><b>Dec-16</b><br><b>Forecast</b><br>\$ 10,620<br>\$ 105,202<br>\$ (0,026)<br>\$ (38,851)<br>\$ 118,056   
  | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ 46,163<br>\$ 109,576<br>\$ -<br>\$ (3,413)<br>Jan-17<br>Forecast<br>\$ -<br>\$ 151,823<br>\$ (6,026)<br>\$ (38,851)<br>\$ 106,946   
  | Feb-16           Forecast           \$         155,561           \$         (6,020)           \$         (103,751)           \$         (103,751)           \$         (45,784)           \$         92,333           \$         -           \$         (46,599)           Forecast         \$           \$         151,071           \$         (6,020)           \$         (38,851)           \$         (6,020)           \$         (38,851)  
  | War-16           Forecast           \$           2,568           \$   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         6,020           \$         (103,751)           \$         45,055           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         7           Forecast         \$           \$         150,408           \$         (6,020)           \$         105,408  
   | S         34,275           Way-16         Forecast           S         -           S         154,482           S         (60,20)           S         (103,751)           S         44,705           S         -           S         -           S         -           S         -           S         -           V         Forecast           S         -           S         10,759           S         150,024           S         (60,026)           S         (8,851)           S         (8,851)           S         (105,148)   | Jun-16           Borecast           \$ 9,264           \$ 154,142           \$ (6,026)           \$ (103,751)           \$ 53,620           \$ 21,226           Jun-17           Forecast           \$ 149,692           \$ (38,851)           \$ (38,851)           \$ (38,851)           \$ (114,080)  
   | \$ (1,245,014)<br>Total-15<br>Act/Fest<br>\$ 2,6,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 585,854<br>\$ (1,245,014)<br>\$ (1,255,014)<br>\$ (1,255,014)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron 0&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Colucitons (4)</b><br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Collections (4)</b>  | Attachment<br>D1<br>D2<br>D3<br>D4<br>Reference<br>Attachment<br>D1<br>D2<br>D3   | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance   | s         77,317           Jul-15         Actual           S         -           S         158,773           S         (60,26)           S         (103,751)           S         48,996           S         -      S  | \$         91,842           Aug-15         Actual           \$         158,358           \$         158,358           \$         158,358           \$         158,358           \$         6,026)           \$         0103,751)           \$         85,412           \$         -           \$         (36,831)           Aug-16         For cast           \$         5,3,492           \$         (6,026)           \$         (6,026)           \$         (6,026)           \$         (6,026)           \$         (8,851)  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (003,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (104,020)           \$ (108,020)           \$ (108,020)           \$ (108,020)           \$ (108,020)           \$ (108,020)  
   
  | Oct-15           Actual           \$ <td< td=""><td>\$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (103,751)           \$         47,338           \$         132,683           \$         685,345)           Nov-16         Forecast           \$         152,592           \$         (6,026)           \$         (38,851)</td><td>\$ (1,235,949)<br/><b>Dec-15</b><br/><b>Actual</b><br/>\$ 1,868<br/>\$ 156,700<br/>\$ (103,751)<br/>\$ 488,791<br/>\$ 161,745<br/>\$ 10,620<br/>\$ 152,912<br/>\$ 118,915<br/>\$ 118,915</td><td>Jan-16           Forecast           \$           &lt;</td><td>Feb-16           Forecast           \$           &lt;</td><td>Mar-16           Forecast           \$           2,568           \$           155,191           \$           (6,026)           \$           (10,3751)           \$           72,567           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           3           3           4,07,114           5           4,07,114           5           4,07,114           5           4,07,114           5           4,08,101           5           5,08,102</td><td>\$         (45,422)           Apr-16         Forceast           \$         154,832           \$         (6,026)           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (104,751)           \$         45,055           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (1</td><td>\$ 34,275<br/>Forecast<br/>\$ 154,482<br/>\$ (00,26)<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 3,346<br/>\$ -<br/>\$ 10,759<br/>Forecast<br/>\$ -<br/>\$ 10,024<br/>\$ (50,026)<br/>\$ -<br/>\$ 10,759<br/>Forecast<br/>\$ -<br/>\$ 10,759<br/>\$ -<br/>\$ (0,026)<br/>\$ -<br/>\$ (10,759)<br/>\$ -<br/>\$ -<br/>\$ (10,026)<br/>\$ -<br/>\$ -<br/>\$ (10,026)<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16           Forecast           \$         9,2(4)           \$         154,142           \$         (6,026)           \$         103,751)           \$         32,403           \$         -           \$         32,403           \$         -           \$         21,226</td><td>\$ (1,245,014<br/>Total -15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310<br/>\$ (1,245,014)<br/>\$ 385,854<br/>\$ 1,052,062<br/>\$ (1,245,014)<br/>\$ 1,052,062<br/>\$ (2,310)<br/>\$ (466,208<br/>\$ 31,557<br/>\$ 1,821,962<br/>\$ (72,310)<br/>\$ (466,208<br/>\$ (72,310)<br/>\$ (466,208)<br/>\$ (72,310)<br/>\$ (72,31</td></td<>   | \$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (103,751)           \$         47,338           \$         132,683           \$         685,345)           Nov-16         Forecast           \$         152,592           \$         (6,026)           \$         (38,851)   
   
   | \$ (1,235,949)<br><b>Dec-15</b><br><b>Actual</b><br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 488,791<br>\$ 161,745<br>\$ 10,620<br>\$ 152,912<br>\$ 118,915<br>\$ 118,915   
  | Jan-16           Forecast           \$           <   
  | Feb-16           Forecast           \$           <   
  | Mar-16           Forecast           \$           2,568           \$           155,191           \$           (6,026)           \$           (10,3751)           \$           72,567           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           2,568           \$           3           3           4,07,114           5           4,07,114           5           4,07,114           5           4,07,114           5           4,08,101           5           5,08,102  | \$         (45,422)           Apr-16         Forceast           \$         154,832           \$         (6,026)           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (103,751)           \$         45,055           \$         (104,751)           \$         45,055           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (104,751)           \$         (1   | \$ 34,275<br>Forecast<br>\$ 154,482<br>\$ (00,26)<br>\$ (103,751)<br>\$ 44,705<br>\$ 3,346<br>\$ -<br>\$ 10,759<br>Forecast<br>\$ -<br>\$ 10,024<br>\$ (50,026)<br>\$ -<br>\$ 10,759<br>Forecast<br>\$ -<br>\$ 10,759<br>\$ -<br>\$ (0,026)<br>\$ -<br>\$ (10,759)<br>\$ -<br>\$ -<br>\$ (10,026)<br>\$ -<br>\$ -<br>\$ (10,026)<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -  
  | Jun-16           Forecast           \$         9,2(4)           \$         154,142           \$         (6,026)           \$         103,751)           \$         32,403           \$         -           \$         32,403           \$         -           \$         21,226  | \$ (1,245,014<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310<br>\$ (1,245,014)<br>\$ 385,854<br>\$ 1,052,062<br>\$ (1,245,014)<br>\$ 1,052,062<br>\$ (2,310)<br>\$ (466,208<br>\$ 31,557<br>\$ 1,821,962<br>\$ (72,310)<br>\$ (466,208<br>\$ (72,310)<br>\$ (466,208)<br>\$ (72,310)<br>\$ (72,31                      |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue equirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue Collections (4)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D4 D4 D4 D4 D1 D2 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D4 | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance   | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (6,026)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ -<br>\$ 97,466<br>\$ -<br>\$ (48,470)<br>Jul-16<br>Forecast<br>\$ (6,026)<br>\$ (48,470)<br>\$ (48,470)<br>\$ (8,851)<br>\$ 108,973<br>\$ (6,026)<br>\$ (38,851)<br>\$ 108,973<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ (6,026)<br>\$ 97,416<br>\$ (6,026)<br>\$ 97,416<br>\$ 98,996<br>\$ (48,470)<br>\$ 108,973<br>\$ (6,026)<br>\$ (38,831)<br>\$ 108,973<br>\$ (6,026)<br>\$ (38,973)<br>\$ (3  | \$         91,842           Aug-15         Actual           \$         -           \$         158,58           \$         16,026           \$         103,751           \$         48,5412           \$         -           \$         06,026           \$         06,026           \$         06,026           \$         05,831           Forecast         -           \$         06,026           \$         (6,026)           \$         (6,026)           \$         (6,026)           \$         (08,851)           \$         108,616           \$         5           \$         108,616           \$         5  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (03,751)           \$ (103,751) </td <td>Oct-15           Actual           \$</td> <td>\$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (6,026)           \$         (103,751)           \$         47,338           \$         132,683           \$         -5           \$         (65,345)           Nov-16         Forecast           \$         -           \$         152,592           \$         (6,026)           \$         3(38,851)           \$         107,716           \$         126,232           \$         126,232           \$         -</td> <td>\$ (1,235,949)<br/>Tec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (60,26)<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (112,954)<br/>Terceast<br/>\$ (112,954)<br/>Terceast<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,851)<br/>\$ (38,651)<br/>\$ (5,655)<br/>\$ (1,254)<br/>\$ (1,254)<br/>\$ (38,851)<br/>\$ (38,851)</td> <td>Jan-16           Forecast           \$           5           6,026)           \$           (103,751)           \$           46,163           \$           9           9           \$           109,576           \$           \$           100,576           \$           5           63,413)           7           Forecast           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           60,026           \$           5           5           60,026           5           60,026           5           60,026           5           60,026           5  &lt;</td> <td>Feb-16           Forecast           \$           5           155,561           \$           (003,751)           \$</td> <td>Har-16           Forecast           \$ 2,568           \$ 155,191           \$ (00,251)           \$ (103,751)           \$ (103,751)           \$
47,983           \$ 72,567           \$ -           \$ 2,568           \$ -           \$ 2,568           \$ 155,714           \$ 2,568           \$ 150,714           \$ 6,020,0           \$ (38,851)           \$ 108,466           \$ 108,466           \$ 12,42,63</td> <td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (60,26)           \$         45,055           \$         54,122           \$         -           \$         54,122           \$         -           \$         103,751           \$         54,122           \$         -           \$         103,751           <b>Apr-17</b>         Forecast           \$         -           \$         10,067           \$         (6,026)           \$         105,488           \$         10,789           \$         10,789</td> <td>S         34,275           Way-16         Forecast           S         -           S         154,482           S         154,482           S         154,482           S         44,705           S         44,705           S         103,751)           S         103,759           Way-17         Forecast           Forecast         -           S         100,024           S         (6,026)           S         (6,026)           S         (6,026)           S         105,148           S         10,1422           S         10,1422</td> <td><math display="block">\begin{array}{c c c c c c c c c c c c c c c c c c c </math></td> <td>\$ (1,245,014)<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ (1245,014)<br/>\$ (1255,014)<br/>\$ (1255,014)<br/>\$</td>   | Oct-15           Actual           \$  
  | \$         16,682           Nov-15         Actual           \$         157,115           \$         16,620           \$         (6,026)           \$         (103,751)           \$         47,338           \$         132,683           \$         -5           \$         (65,345)           Nov-16         Forecast           \$         -           \$         152,592           \$         (6,026)           \$         3(38,851)           \$         107,716           \$         126,232           \$         126,232           \$         -  
   | \$ (1,235,949)<br>Tec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,791<br>\$ (112,954)<br>Terceast<br>\$ (112,954)<br>Terceast<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,851)<br>\$ (38,651)<br>\$ (5,655)<br>\$ (1,254)<br>\$ (1,254)<br>\$ (38,851)<br>\$ (38,851)   
   | Jan-16           Forecast           \$           5           6,026)           \$           (103,751)           \$           46,163           \$           9           9           \$           109,576           \$           \$           100,576           \$           5           63,413)           7           Forecast           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           63,413           \$           5           60,026           \$           5           5           60,026           5           60,026           5           60,026           5           60,026           5  <  
   | Feb-16           Forecast           \$           5           155,561           \$           (003,751)           \$           \$           \$           \$       
   \$           
   | Har-16           Forecast           \$ 2,568           \$ 155,191           \$ (00,251)           \$ (103,751)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ -           \$ 2,568           \$ -           \$ 2,568           \$ 155,714           \$ 2,568           \$ 150,714           \$ 6,020,0           \$ (38,851)           \$ 108,466           \$ 108,466           \$ 12,42,63   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (60,26)           \$         45,055           \$         54,122           \$         -           \$         54,122           \$         -           \$         103,751           \$         54,122           \$         -           \$         103,751 <b>Apr-17</b> Forecast           \$         -           \$         10,067           \$         (6,026)           \$         105,488           \$         10,789           \$         10,789  | S         34,275           Way-16         Forecast           S         -           S         154,482           S         154,482           S         154,482           S         44,705           S         44,705           S         103,751)           S         103,759           Way-17         Forecast           Forecast         -           S         100,024           S         (6,026)           S         (6,026)           S         (6,026)           S         105,148           S         10,1422           S         10,1422   
   | $\begin{array}{c c c c c c c c c c c c c c c c c c c $   | \$ (1,245,014)<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ (1245,014)<br>\$ (1255,014)<br>\$  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron 0&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Colucitons (4)</b><br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br><b>Revenue Collections (4)</b>  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D4 D4 D4 D4 D1 D2 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D3 D3 D4 D1 D2 D3 D3 D3 D4 D1 D2 D3 D3 D4 | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance   | \$         77,317           Jul-15         Actual           \$         158,773           \$         158,773           \$         6,020           \$         (103,751)           \$         48,996           \$         9.74,466           \$         9.74,666           \$         9.74,667           \$         9.74,667           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,677           \$         9.74,777           \$         9.74,777   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20<br>\$ (103,751)<br>\$ 485,81<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ (36,831)<br>\$ (38,851)<br>\$ (38,851)<br>\$ 108,616  | Sep-15           Actual           \$ 12,911           \$ 12,911           \$ 157,944           \$ (003,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ Sep-16           Forecast           \$ 15,108           \$ (5,020)           \$ (6,020)           \$ (38,851)           \$ (17,411)  
   
  | Oct-15           Actual           \$ <td< td=""><td>s         16,682           Nov-15<br/>Actual           \$         157,115           \$         (6,026)           \$         (103,751)           \$         47,338           \$         132,683           \$         132,683           \$         152,592           \$         152,592           \$         (6,026)           \$         152,592           \$         (6,026)           \$         (38,851)           \$         107,716</td><td>\$ (1,235,949)<br/>Tec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (10,751)<br/>\$ (112,954)<br/>Tec-16<br/>Forecast<br/>\$ 10,620<br/>\$ (5,8,851)<br/>\$ (18,851)<br/>\$ (18,851)</td><td>Jan-16<br/>Forecast<br/>\$ -<br/>\$ 155,940<br/>\$ (6,026)<br/>\$ 46,163<br/>\$ 109,576<br/>\$ -<br/>\$ (3,413)<br/>Jan-17<br/>Forecast<br/>\$ -<br/>\$ 151,823<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 106,946</td><td>Feb-16           Forecast           \$         155,561           \$         (6,020)           \$         (103,751)           \$         (103,751)           \$         (45,784)           \$         92,333           \$         -           \$         (46,599)           Forecast         \$           \$         151,071           \$         (6,020)           \$         (38,851)           \$         (6,020)           \$         (38,851)</td><td>War-16           Forecast           \$           2,568           \$</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         6,020           \$         (103,751)           \$         45,055           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         7           Forecast         \$           \$         150,408           \$         (6,020)           \$         105,408</td><td><ul> <li>\$ 34,275</li> <li>Way-16</li> <li>Forecast</li> <li>\$ -</li> <li>\$ 154,482</li> <li>\$ (60,20)</li> <li>\$ (103,751)</li> <li>\$ 44,705</li> <li>\$ 0,502</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 105,148</li> <li>\$ (60,20)</li> <li>\$ (60,20)</li> <li>\$ (60,20)</li> <li>\$ (88,851)</li> <li>\$ 105,148</li> </ul></td><td>Jun-16           Borecast           \$ 9,264           \$ 154,142           \$ (6,026)           \$ (103,751)           \$ 53,620           \$ 21,226           Jun-17           Forecast           \$ 149,692           \$ (38,851)           \$ (38,851)           \$ (38,851)           \$ (114,080)</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ 1,052,062<br/>\$ 1,052,062<br/>\$ 1,052,062<br/>\$ 1,052,07<br/>\$ 1,821,962<br/>\$ 1,821,962<br/>\$ 1,821,962<br/>\$ (72,310)<br/>\$ 1,821,962<br/>\$ (2,240,014)<br/>\$ 1,821,962<br/>\$ 1,831,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962<br/>\$ 1,832,962</td></td<>   | s         16,682           Nov-15<br>Actual           \$         157,115           \$         (6,026)           \$         (103,751)           \$        
47,338           \$         132,683           \$         132,683           \$         152,592           \$         152,592           \$         (6,026)           \$         152,592           \$         (6,026)           \$         (38,851)           \$         107,716   
   | \$ (1,235,949)<br>Tec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 48,791<br>\$ (10,751)<br>\$ (112,954)<br>Tec-16<br>Forecast<br>\$ 10,620<br>\$ (5,8,851)<br>\$ (18,851)<br>\$ (18,851)   
   | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (6,026)<br>\$ 46,163<br>\$ 109,576<br>\$ -<br>\$ (3,413)<br>Jan-17<br>Forecast<br>\$ -<br>\$ 151,823<br>\$ (6,026)<br>\$ (38,851)<br>\$ 106,946  
   | Feb-16           Forecast           \$         155,561           \$         (6,020)           \$         (103,751)           \$         (103,751)           \$         (45,784)           \$         92,333           \$         -           \$         (46,599)           Forecast         \$           \$         151,071           \$         (6,020)           \$         (38,851)           \$         (6,020)           \$         (38,851)   
   | War-16           Forecast           \$           2,568           \$   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         6,020           \$         (103,751)           \$         45,055           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         7           Forecast         \$           \$         150,408           \$         (6,020)           \$         105,408  | <ul> <li>\$ 34,275</li> <li>Way-16</li> <li>Forecast</li> <li>\$ -</li> <li>\$ 154,482</li> <li>\$ (60,20)</li> <li>\$ (103,751)</li> <li>\$ 44,705</li> <li>\$ 0,502</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 105,148</li> <li>\$ (60,20)</li> <li>\$ (60,20)</li> <li>\$ (60,20)</li> <li>\$ (88,851)</li> <li>\$ 105,148</li> </ul>   
   | Jun-16           Borecast           \$ 9,264           \$ 154,142           \$ (6,026)           \$ (103,751)           \$ 53,620           \$ 21,226           Jun-17           Forecast           \$ 149,692           \$ (38,851)           \$ (38,851)           \$ (38,851)           \$ (114,080)  | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ 1,052,062<br>\$ 1,052,062<br>\$ 1,052,062<br>\$ 1,052,07<br>\$ 1,821,962<br>\$ 1,821,962<br>\$ 1,821,962<br>\$ (72,310)<br>\$ 1,821,962<br>\$ (2,240,014)<br>\$ 1,821,962<br>\$ 1,831,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962<br>\$ 1,832,962   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue equirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue Collections (4)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D3 D4  | Balance<br>§ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)                          | \$ 77,317<br>Jul-15<br>Actual<br>\$ 158,773<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 0,751<br>\$ 48,996<br>\$ 153,817<br>\$ (48,470)<br>Jul-16<br>Forecast<br>\$ 158,851)<br>\$ (48,851)<br>\$ 108,936<br>\$ 108,936<br>\$ 108,936<br>\$ 108,956<br>\$ 108,957<br>\$ 109,957<br>\$  | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ 153,492<br>\$ (50,20)<br>\$ (88,51)<br>\$ (88,51)      | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ (6,026)           \$ (5,1026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (7,141)           \$ (7,141)           \$ (7,141)           \$ (7,142)  
  | Oct-15           Actual           \$           -           \$ <td< td=""><td>\$         16,682           Nov-15<br/>Actual         \$           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         132,683         5           \$         -         5           \$         -         5           \$         152,592         5           \$         162,592         5           \$         126,232         5           \$         -         5           \$         126,232         5           \$         -         5</td><td>\$ (1,235,949)<br/><b>Dec-15</b><br/><b>Actual</b><br/>\$ 1,868<br/>\$ 156,700<br/>\$ (60,26)<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (112,954)<br/><b>Dec-16</b><br/><b>Forecast</b><br/>\$ 118,056<br/>\$ 152,312<br/>\$ (60,26)<br/>\$ (38,851)<br/>\$ (38</td><td>Jan-16           Forecast           \$           5           5           5           60,020           \$           60,020           \$           109,576           \$           \$           109,576           \$           \$           109,576           \$           \$           (63,3413)           \$           <td< td=""><td>Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$<td>War-16      
    Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 2,567           \$ (24,584)           <b>War-17 Forecast</b>           \$ 150,714           \$ 150,714           \$ (24,584)           \$ 150,714           \$ (6,026)           \$ (8,851)           \$ 108,406           \$ 142,463           \$ (9,397)</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (0.03,751)           \$         45,055           \$         (0.04,751)           \$         5           \$         9,067)           \$         -           \$         -           \$         150,456           \$         (0.020)           \$         105,488           \$         91,789           \$         (8,697)</td><td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,945<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ (38,851)           \$ 142,047           \$ 32,417           \$ 142,027           \$ (38,851)           \$ 142,078           \$ 142,079           \$ 142,079</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014<br/>\$ 588,584<br/>\$ (25,012)<br/>\$ 1,052,062<br/>\$ 1</td></td></td<></td></td<>   | \$         16,682           Nov-15<br>Actual         \$           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         132,683         5           \$         -         5           \$         -         5           \$         152,592         5           \$         162,592         5           \$         126,232         5           \$         -         5           \$         126,232         5           \$         -         5  
  | \$ (1,235,949)<br><b>Dec-15</b><br><b>Actual</b><br>\$ 1,868<br>\$ 156,700<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,791<br>\$ (112,954)<br><b>Dec-16</b><br><b>Forecast</b><br>\$ 118,056<br>\$ 152,312<br>\$ (60,26)<br>\$ (38,851)<br>\$ (38   
   | Jan-16           Forecast           \$           5           5           5           60,020           \$           60,020           \$           109,576           \$           \$           109,576           \$           \$           109,576           \$           \$           (63,3413)           \$ <td< td=""><td>Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$<td>War-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 2,567           \$ (24,584)           <b>War-17 Forecast</b>           \$ 150,714           \$ 150,714           \$ (24,584)           \$ 150,714           \$ (6,026)           \$ (8,851)           \$ 108,406           \$ 142,463           \$ (9,397)</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (0.03,751)           \$         45,055           \$         (0.04,751)           \$         5           \$         9,067)           \$         -           \$         -           \$         150,456           \$         (0.020)           \$         105,488           \$         91,789           \$         (8,697)</td><td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,945<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ (38,851)           \$ 142,047           \$ 32,417           \$ 142,027           \$ (38,851)           \$ 142,078           \$ 142,079           \$ 142,079</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014<br/>\$ 588,584<br/>\$ (25,012)<br/>\$ 1,052,062<br/>\$ 1</td></td></td<>  
   | Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$ <td>War-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 2,567           \$ (24,584)           <b>War-17 Forecast</b>           \$ 150,714           \$ 150,714           \$ (24,584)           \$ 150,714           \$ (6,026)           \$ (8,851)           \$ 108,406           \$ 142,463           \$ (9,397)</td> <td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (0.03,751)           \$         45,055           \$         (0.04,751)           \$         5           \$         9,067)           \$         -           \$         -           \$         150,456           \$         (0.020)           \$         105,488           \$         91,789           \$         (8,697)</td> <td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ 3,945<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td> <td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ (38,851)           \$ 142,047           \$ 32,417           \$ 142,027           \$ (38,851)           \$ 142,078           \$ 142,079           \$ 142,079</td> <td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014<br/>\$ 588,584<br/>\$ (25,012)<br/>\$ 1,052,062<br/>\$ 1</td>  
   | War-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 2,567           \$ (24,584) <b>War-17 Forecast</b> \$ 150,714           \$ 150,714           \$ (24,584)           \$ 150,714           \$ (6,026)           \$ (8,851)           \$ 108,406           \$ 142,463           \$ (9,397)   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         (0.03,751)           \$         45,055           \$         (0.04,751)           \$         5           \$         9,067)           \$         -           \$         -           \$         150,456           \$         (0.020)           \$         105,488           \$         91,789           \$         (8,697)   | \$ 34,275<br><b>May-16</b><br><b>Forecast</b><br>\$ -<br>\$ 154,420<br>\$ (103,751)<br>\$ 44,705<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,944<br>\$ -<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ 3,945<br>\$ -<br>\$ 15,425<br>\$ -<br>\$ 15,425<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -   
   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ (38,851)           \$ 142,047           \$ 32,417           \$ 142,027           \$ (38,851)           \$ 142,078           \$ 142,079           \$ 142,079  | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014<br>\$ 588,584<br>\$ (25,012)<br>\$ 1,052,062<br>\$ 1   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue equirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Caryover from Prev Yr (2)<br>Revenue Collections (4)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D2 D3 D4 D2 D4   | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover            | \$ 77,317<br>Jul-15<br>Actual<br>\$ 5 58,773<br>\$ (60,26)<br>\$ 97,46<br>\$ 153,812<br>\$ 153,812<br>\$ 153,815<br>\$ 1                                    | \$ 91,842<br>Actual<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ 8, -12<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ (36,831)<br>\$ 153,492<br>\$ (36,835)<br>\$ (38,851)<br>\$ (38,851)  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (003,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,751)           \$ (013,651)           \$ (013,651)           \$ (013,651)           \$ (014,651)           \$ (015,651)           \$ (016,651)           \$ (016,651)           \$ (017,611)     <   
   | Oct-15           Actual           \$           157,529           \$           (00,751)           \$           (10,752)           \$           (01,751)           \$   
  | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         47,338         3           \$         132,683         5           \$         -         5     
     \$         -         5           \$         -         5           \$         0.07-16         Forecast           \$         -         5           \$         152,592         \$           \$         107,716         5           \$         107,216         5           \$         126,232         5           \$         126,232         \$           \$         126,232         \$           \$         133,823         -           \$         Nov-17         \$   
   | \$ (1,235,949)<br><b>Dec-15</b><br><b>Actual</b><br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 48,791<br>\$ (10,20)<br>\$ (10,20)<br>\$ (112,954)<br><b>Dec-16</b><br><b>Forecast</b><br>\$ (10,20)<br>\$ (152,954)<br><b>Dec-16</b><br><b>Source 18</b><br>\$ (152,954)<br><b>Source 18</b><br>\$ (152,954)<br><b>Source 18</b><br><b>Source 18</b><br><b>Sour</b>   
  | Jan-16<br>Forecast<br>\$ -<br>\$ 155,940<br>\$ (103,751)<br>\$ 46,163<br>\$ 109,576<br>\$ -<br>\$ (63,413)<br>Jan-17<br>Forecast<br>\$ -<br>\$ (63,413)<br>\$ 5 -<br>\$ (63,413)<br>\$ 151,823<br>\$ (60,26)<br>\$ (38,851)<br>\$ 151,823<br>\$ (60,26)<br>\$ (38,851)<br>\$ 106,946<br>\$ 201,458<br>\$ -<br>\$ 7,11<br>Jan-18  
  | Feb-16           Forecast           \$           <   
  | War-16           Forecast           \$         2,568           \$         155,191           \$         (6,026)           \$         (103,751)           \$         (103,751)           \$         47,983           \$         72,567           \$         -           \$         (24,584)           Mar-17         Forecast           \$         150,714           \$         (60,26)           \$         (38,851)           \$         (08,405)           \$         (108,406)           \$         194,246           \$         194,2463           \$         194,2463           \$         194,2463           \$         194,2463           \$         194,2463           \$         194,2463           \$         (99,397)   | \$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         45,055           \$         -           \$         (03,751)           \$         45,055           \$         -           \$         (0,067)           \$         150,355           \$         150,355           \$         16,026)           \$         105,488           \$         91,789           \$         -           \$         6,6026)           \$         91,789           \$         -           \$         05,6907)  | <ul> <li>\$ 34,275</li> <li>₩ay-16</li> <li>Forecast</li> <li>\$ 0.5</li> <li>\$ (0.03,751)</li> <li>\$ 44,705</li> <li>\$ 3,025</li> <li>\$ (103,751)</li> <li>\$ 44,705</li> <li>\$ 3.0</li> <li>\$ 150,024</li> <li>\$ 150,024</li> <li>\$ 150,024</li> <li>\$ 150,024</li> <li>\$ 150,024</li> <li>\$ 150,024</li> <li>\$ (10,126)</li> <li>\$ (10,126)</li></ul>   
  | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (60,26)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ 21,226<br>Jun-17<br>Forecast<br>\$ 9,264<br>\$ 149,692<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (64)26,<br>\$ (71)<br>Jun-18   | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014<br>\$ 588,854<br>\$ (72,310)<br>\$ (1,245,014<br>\$ 588,854<br>\$ (72,310)<br>\$ (466,208<br><b>Total-16</b><br><b>Forecast</b><br>\$ (74,60,208<br>\$ (1,351,902)<br>\$ (466,208<br>\$ (1,351,902)<br>\$ (466,208<br>\$ (1,351,902)<br>\$ (466,208<br>\$ (1,351,902)<br>\$  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)   | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D3 D4 D4 Attachment  | Balance<br>§ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)                          | \$ 77,317<br>Jul-15<br>Actual<br>\$ 158,773<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 0,751<br>\$ (48,970)<br>\$ (48,970)<br>\$ 153,817<br>\$ (48,470)<br>\$ 158,851)<br>\$ 158,851<br>\$ (60,26)<br>\$ (60,26)<br>\$ (60,26)<br>\$ 0,88,51)<br>\$ 108,936<br>\$ 108,936<br>\$ 0,924<br>\$ -<br>\$ 2,012   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ 153,492<br>\$ (50,20)<br>\$ (88,51)<br>\$ (88,51)      | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (03,751)           \$ (103,751) </td <td>Oct-15           Actual           \$           -           \$           <td< td=""><td>\$         16,682           Nov-15<br/>Actual         \$           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         132,683         5           \$         -         5           \$         -         5           \$         152,592         5           \$         162,592         5           \$         126,232         5           \$         -         5           \$         126,232         5           \$         -         5</td><td>\$ (1,235,949)<br/>Tec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (103,751)<br/>\$ 161,745<br/>\$ 10,620<br/>\$ 10,620<br/>\$ 10,202<br/>\$ (12,954)<br/>Tec-16<br/>Forecast<br/>\$ (12,954)<br/>\$ 118,056<br/>\$ 118,056<br/>\$ (38,851)<br/>\$ 118,056<br/>\$ (38,851)<br/>\$ 0,620<br/>\$ (38,851)<br/>\$ 118,056<br/>\$ 0,5223<br/>Tec-17<br/>Forecast</td><td>Jan-16           Forecast           \$           5           5           5           60,020           \$           60,020           \$           109,576           \$           \$           109,576           \$           \$           109,576           \$           \$           (63,3413)           \$           <td< td=""><td>Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$<td>Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ 125,191           \$ 47,983           \$ 72,567           \$ 2,568           \$ 150,714           \$ 2,568           \$ 150,714           \$ (6,026)           \$ (38,851)           \$ 108,406           \$ 142,453           \$ (99,397)          
<b>Mar-18</b>           Forecast</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (30,3751)<br/>\$ 45,055<br/>\$ (40,3751)<br/>\$ 5 45,122<br/>\$ -<br/>\$ 0,067)<br/>Apr-17<br/>Forecast<br/>\$ -<br/>\$ (0,067)<br/>Apr-17<br/>\$ (0,067)<br/>\$ (30,851)<br/>\$ (30,851)<br/>\$</td><td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (69,20)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ 21,226<br/>Jun-17<br/>Forecast<br/>\$ 22,226<br/>Jun-17<br/>Forecast<br/>\$ (6,026)<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 114,080<br/>\$ (6,227)<br/>\$ (71)<br/>\$ (71)</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ (25,85,854<br/>\$ (25,85,854<br/>\$ (25,85,854)<br/>\$ (1,245,014)<br/>\$ (1,255,014)<br/>\$ (1,255,014)</td></td></td<></td></td<></td> | Oct-15           Actual           \$           -           \$ <td< td=""><td>\$         16,682           Nov-15<br/>Actual         \$           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         132,683         5           \$         -         5           \$         -         5           \$         152,592         5           \$         162,592         5           \$         126,232         5           \$         -         5           \$         126,232         5           \$         -         5</td><td>\$ (1,235,949)<br/>Tec-15<br/>Actual<br/>\$ 1,868<br/>\$ 156,700<br/>\$ (103,751)<br/>\$ 48,791<br/>\$ (103,751)<br/>\$ 161,745<br/>\$ 10,620<br/>\$ 10,620<br/>\$ 10,202<br/>\$ (12,954)<br/>Tec-16<br/>Forecast<br/>\$ (12,954)<br/>\$ 118,056<br/>\$ 118,056<br/>\$ (38,851)<br/>\$ 118,056<br/>\$ (38,851)<br/>\$ 0,620<br/>\$ (38,851)<br/>\$ 118,056<br/>\$ 0,5223<br/>Tec-17<br/>Forecast</td><td>Jan-16           Forecast           \$           5           5           5           60,020           \$           60,020           \$           109,576           \$           \$           109,576           \$           \$           109,576           \$           \$           (63,3413)           \$           <td< td=""><td>Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$<td>Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ 125,191           \$ 47,983           \$ 72,567           \$ 2,568           \$ 150,714           \$ 2,568           \$ 150,714           \$ (6,026)           \$ (38,851)           \$ 108,406           \$ 142,453           \$ (99,397)           <b>Mar-18</b>           Forecast</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (30,3751)<br/>\$ 45,055<br/>\$ (40,3751)<br/>\$ 5 45,122<br/>\$ -<br/>\$ 0,067)<br/>Apr-17<br/>Forecast<br/>\$ -<br/>\$ (0,067)<br/>Apr-17<br/>\$ (0,067)<br/>\$ (30,851)<br/>\$ (30,851)<br/>\$</td><td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (69,20)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ 21,226<br/>Jun-17<br/>Forecast<br/>\$ 22,226<br/>Jun-17<br/>Forecast<br/>\$ (6,026)<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 114,080<br/>\$ (6,227)<br/>\$ (71)<br/>\$ (71)</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ (25,85,854<br/>\$ (25,85,854<br/>\$ (25,85,854)<br/>\$ (1,245,014)<br/>\$ (1,255,014)<br/>\$ (1,255,014)</td></td></td<></td></td<> | \$         16,682           Nov-15<br>Actual         \$           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         132,683         5           \$         -         5           \$         -         5           \$         152,592         5           \$         162,592         5           \$         126,232         5           \$         -         5           \$         126,232         5           \$         -         5   
   | \$ (1,235,949)<br>Tec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 48,791<br>\$ (103,751)<br>\$ 161,745<br>\$ 10,620<br>\$ 10,620<br>\$ 10,202<br>\$ (12,954)<br>Tec-16<br>Forecast<br>\$ (12,954)<br>\$ 118,056<br>\$ 118,056<br>\$ (38,851)<br>\$ 118,056<br>\$ (38,851)<br>\$ 0,620<br>\$ (38,851)<br>\$ 118,056<br>\$ 0,5223<br>Tec-17<br>Forecast  
  | Jan-16           Forecast           \$           5           5           5           60,020           \$           60,020           \$           109,576           \$           \$           109,576           \$           \$           109,576           \$           \$           (63,3413)           \$ <td< td=""><td>Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5         
 6(6,26)           \$<td>Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ 125,191           \$ 47,983           \$ 72,567           \$ 2,568           \$ 150,714           \$ 2,568           \$ 150,714           \$ (6,026)           \$ (38,851)           \$ 108,406           \$ 142,453           \$ (99,397)           <b>Mar-18</b>           Forecast</td><td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (30,3751)<br/>\$ 45,055<br/>\$ (40,3751)<br/>\$ 5 45,122<br/>\$ -<br/>\$ 0,067)<br/>Apr-17<br/>Forecast<br/>\$ -<br/>\$ (0,067)<br/>Apr-17<br/>\$ (0,067)<br/>\$ (30,851)<br/>\$ (30,851)<br/>\$</td><td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (69,20)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ 21,226<br/>Jun-17<br/>Forecast<br/>\$ 22,226<br/>Jun-17<br/>Forecast<br/>\$ (6,026)<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 114,080<br/>\$ (6,227)<br/>\$ (71)<br/>\$ (71)</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ (25,85,854<br/>\$ (25,85,854<br/>\$ (25,85,854)<br/>\$ (1,245,014)<br/>\$ (1,255,014)<br/>\$ (1,255,014)</td></td></td<> | Feb-16           Forecast           \$           5           5           60/20           \$           45,784           \$           5           5           60/20           \$           5           6(6,20)           \$           5           6(6,26)           \$           5           6(6,26)           \$ <td>Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ 125,191           \$ 47,983           \$ 72,567           \$ 2,568           \$ 150,714           \$ 2,568           \$ 150,714           \$ (6,026)           \$ (38,851)           \$ 108,406           \$ 142,453           \$ (99,397)           <b>Mar-18</b>           Forecast</td> <td>\$ (45,422)<br/>Apr-16<br/>Forecast<br/>\$ -<br/>\$ 154,832<br/>\$ (6,026)<br/>\$ (30,3751)<br/>\$ 45,055<br/>\$ (40,3751)<br/>\$ 5 45,122<br/>\$ -<br/>\$ 0,067)<br/>Apr-17<br/>Forecast<br/>\$ -<br/>\$ (0,067)<br/>Apr-17<br/>\$ (0,067)<br/>\$ (30,851)<br/>\$ (30,851)<br/>\$</td> <td>\$ 34,275<br/><b>May-16</b><br/><b>Forecast</b><br/>\$ -<br/>\$ 154,420<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ (103,751)<br/>\$ 44,705<br/>\$ 33,944<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ 3,944<br/>\$ -<br/>\$ 15,425<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -<br/>\$ -</td> <td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (69,20)<br/>\$ (103,751)<br/>\$ 53,629<br/>\$ 32,403<br/>\$ 21,226<br/>Jun-17<br/>Forecast<br/>\$ 22,226<br/>Jun-17<br/>Forecast<br/>\$ (6,026)<br/>\$ (6,026)<br/>\$ (38,851)<br/>\$ 114,080<br/>\$ (6,227)<br/>\$ (71)<br/>\$ (71)</td> <td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,310)<br/>\$ (1,245,014)<br/>\$ (25,85,854<br/>\$ (25,85,854<br/>\$ (25,85,854)<br/>\$ (1,245,014)<br/>\$ (1,255,014)<br/>\$ (1,255,014)</td> | Mar-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ 125,191           \$ 47,983           \$ 72,567           \$ 2,568           \$ 150,714           \$ 2,568           \$ 150,714           \$ (6,026)           \$ (38,851)           \$ 108,406           \$ 142,453           \$ (99,397) <b>Mar-18</b> Forecast   | \$ (45,422)<br>Apr-16<br>Forecast<br>\$ -<br>\$ 154,832<br>\$ (6,026)<br>\$ (30,3751)<br>\$ 45,055<br>\$ (40,3751)<br>\$ 5 45,122<br>\$ -<br>\$ 0,067)<br>Apr-17<br>Forecast<br>\$ -<br>\$ (0,067)<br>Apr-17<br>\$ (0,067)<br>\$ (30,851)<br>\$   | \$ 34,275<br><b>May-16</b><br><b>Forecast</b><br>\$ -<br>\$ 154,420<br>\$ (103,751)<br>\$ 44,705<br>\$ (103,751)<br>\$ 44,705<br>\$ 33,944<br>\$ -<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ -<br>\$ 3,944<br>\$ -<br>\$ 15,425<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -   
   | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (69,20)<br>\$ (103,751)<br>\$ 53,629<br>\$ 32,403<br>\$ 21,226<br>Jun-17<br>Forecast<br>\$ 22,226<br>Jun-17<br>Forecast<br>\$ (6,026)<br>\$ (6,026)<br>\$ (38,851)<br>\$ 114,080<br>\$ (6,227)<br>\$ (71)<br>\$ (71) | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,310)<br>\$ (1,245,014)<br>\$ (25,85,854<br>\$ (25,85,854<br>\$ (25,85,854)<br>\$ (1,245,014)<br>\$ (1,255,014)<br>\$ (1,255,014)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)  | Attachment D1 D2 D3 D4  | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover            | \$ 77,317<br>Jul-15<br>Actual<br>\$ 158,773<br>\$ 158,773<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 48,970<br>U-48,4700<br>U-48,4700<br>U-48,4700<br>\$ 153,812<br>\$ (6,026)<br>\$ 158,851)<br>\$ 108,936<br>\$ 66,924<br>\$ -<br>\$ 158,122<br>\$ (6,026)<br>\$ 108,936<br>\$ 108,956<br>\$ 108,9566<br>\$ 108,9566<br>\$ 108,9566<br>\$ 108,95666<br>\$ 108,956666<br>\$ 108,956666666666666666666666   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ 153,492<br>\$ (5,020)<br>\$ (38,851)<br>\$ (88,851)<br>\$ (88   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (117,411)           \$ 53,361           \$ - \$           \$ 117,411           \$ 53,361           \$ - \$           \$ 151,489           S - \$           \$ 151,489  
   | Oct-15<br>Actual           \$         157,529           \$         (6,020)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,760)           \$         (10,800)           \$         (10,800)           \$         (10,800)           \$         108,000           \$         108,000           \$         1172,338           Oct-17         Forecast           \$         -0:717  
   
  | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         47,338         5           \$         132,683         5           \$         132,683         5           \$         152,592         5           \$         102,592         5           \$         102,592         5           \$         107,716         5           \$         153,823         -           \$         153,823         -           \$         Nov-17         Forecast           \$         -         -  
   | \$ (1,235,949)<br>Tec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 48,791<br>\$ (112,954)<br>Tec-16<br>Forecast<br>\$ 118,056<br>\$ 152,312<br>\$ (6,026)<br>\$ (38,851)<br>\$ (6,026)<br>\$ (38,851)<br>\$ (38,952)<br>\$  
   | Jan-16           Forecast           \$  
   | Feb-16           Forecast           \$           5           5           6(0.20)           \$           (0.13,751)           \$   
   | Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         2,568           \$         168,046           \$         142,463           \$         .939,71           Har-18         Forecast           \$         2,568           \$         2,568  | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         164,055           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         105,488           \$         -           \$         (8,007)           \$         -           \$         0,0071           Forecast         -           \$         -           \$         105,488           \$         -           \$         (8,007)           \$         -           \$         0.7789           \$         -           \$         0.8097  | <ul> <li>\$ 34,275</li> <li>₩ay-16</li> <li>Forecast</li> <li>\$ -</li> <li>\$ 154,4826</li> <li>\$ (103,751)</li> <li>\$ 44,705</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 33,946</li> <li>\$ 105,148</li> <li>\$ (10,759)</li> <li>Way-17</li> <li>Forecast</li> <li>\$ 105,148</li> <li>\$ (10,759)</li> <li>\$ (10,759)<!--</td--><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,062           \$ 149,062           \$ 149,062           \$ 142,072           \$ 142,072           \$ 0,264           \$ 7,11</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,3101<br/>\$ (1,245,014<br/>\$ 585,854<br/>\$ (1,245,014<br/>\$ (1,245,014)<br/>\$ (1,245,014)</td></li></ul> | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,062           \$ 149,062           \$ 149,062           \$ 142,072           \$ 142,072           \$ 0,264           \$ 7,11  
  | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,3101<br>\$ (1,245,014<br>\$ 585,854<br>\$ (1,245,014<br>\$ (1,245,014)<br>\$ (1,245,014)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyrover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyover from Prev Yr (2)<br>Revenue Requirements (4)<br>Revenue Collections (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron  | Attachment D1 D2 D3 D4 D4 Attachment D1 D2 D2 D3 D4 D2 D4   | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover            | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ (103,871)<br>\$ (103,971)<br>\$ (103,9  | \$ 91,842<br>Autual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ 5 -<br>\$ (36,831)<br>Autual<br>\$ -<br>\$ (36,831)<br>\$ 158,402<br>\$ (36,831)<br>\$ 108,616<br>\$ (38,851)<br>\$ (3   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (17,822)           \$ Sep-16           Forecast           \$ (153,182)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (60,26)           \$ (13,741)           \$ (151,489)           \$ (151,489)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,742)           \$ (163,7  
   | Oct-15           Actual           \$ <td< td=""><td>\$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         3         132,683           \$         132,683         5         -           \$         (85,345)         5         -           \$         16,026)         5         (38,851)           \$         153,823         -         5           Nov-16         Forecast         5         -           \$         152,683         (6,026)         5         (38,851)           \$         107,716         5         126,232         -         -           \$         153,823         -         -         -         -         -           Nov-17         Forecast         -<!--</td--><td><ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul></td><td>Jan-16           Forecast           \$           -           \$           &lt;</td><td>Feb-16           Forecast           \$           \$           \$           \$           \$   
       \$           &lt;</td><td>War-16           Forecast           \$           2,568           \$</td><td>\$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         (0,067)           \$         150,055           \$         (6,026)           \$         (105,488)           \$         01,789           \$         01,789           \$         01,789           \$         91,789           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      &gt;         -     <td>§         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759           <b>May-17</b>         Forecast           \$         10,759           <b>May-17</b>         Forecast           \$         150,026           \$         10,759           <b>May-17</b>         Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271</td><td>\$ (1,245,014<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 1,852,962<br/>\$ 1,052,962<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ 1,852,962<br/>\$ 1,856,962<br/>\$ 1,766,967<br/>\$ 1,766,967</td></td></td></td<>   | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         3         132,683           \$         132,683         5         -           \$         (85,345)         5         -           \$         16,026)         5         (38,851)           \$         153,823         -         5           Nov-16         Forecast         5         -           \$         152,683         (6,026)         5         (38,851)           \$         107,716         5         126,232         -         -           \$         153,823         -         -         -         -         -           Nov-17         Forecast         - </td <td><ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul></td> <td>Jan-16           Forecast           \$           -           \$           &lt;</td> <td>Feb-16           Forecast           \$           &lt;</td> <td>War-16           Forecast           \$           2,568           \$</td> <td>\$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         (0,067)           \$         150,055           \$         (6,026)          
\$         (105,488)           \$         01,789           \$         01,789           \$         01,789           \$         91,789           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      &gt;         -     <td>§         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759           <b>May-17</b>         Forecast           \$         10,759           <b>May-17</b>         Forecast           \$         150,026           \$         10,759           <b>May-17</b>         Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271</td><td>\$ (1,245,014<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 1,852,962<br/>\$ 1,052,962<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ 1,852,962<br/>\$ 1,856,962<br/>\$ 1,766,967<br/>\$ 1,766,967</td></td>   | <ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul>   
   | Jan-16           Forecast           \$           -           \$           <   
   | Feb-16           Forecast           \$           <  
   | War-16           Forecast           \$           2,568           \$   | \$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         (0,067)           \$         150,055           \$         (6,026)           \$         (105,488)           \$         01,789           \$         01,789           \$         01,789           \$         91,789           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      >         - <td>§         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759           <b>May-17</b>         Forecast           \$         10,759           <b>May-17</b>         Forecast           \$         150,026           \$         10,759           <b>May-17</b>         Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$</td> <td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271</td> <td>\$ (1,245,014<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 1,852,962<br/>\$ 1,052,962<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ 1,852,962<br/>\$ 1,856,962<br/>\$ 1,766,967<br/>\$ 1,766,967</td> | §         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759 <b>May-17</b> Forecast           \$         10,759 <b>May-17</b> Forecast           \$         150,026           \$         10,759 <b>May-17</b> Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$     
   5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271  | \$ (1,245,014<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (1,245,014<br>\$ 588,854<br>\$ (1,245,014<br>\$ 588,854<br>\$ (1,245,014<br>\$ 1,852,962<br>\$ 1,052,962<br>\$ 1,821,962<br>\$ (466,208<br>\$ 1,821,962<br>\$ (466,208<br>\$ 1,821,962<br>\$ 1,852,962<br>\$ 1,856,962<br>\$ 1,766,967<br>\$ 1,766,967   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron | Attachment D1 D2 D3 D4  | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover<br>Balance | \$ 77,317<br>Jul-15<br>Actual<br>\$ 158,773<br>\$ 158,773<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 97,466<br>\$ 48,970<br>U-48,4700<br>U-48,4700<br>U-48,4700<br>\$ 153,812<br>\$ (6,026)<br>\$ 158,851)<br>\$ 108,936<br>\$ 66,924<br>\$ -<br>\$ 158,122<br>\$ (6,026)<br>\$ 108,936<br>\$ 108,956<br>\$ 108,9566<br>\$ 108,9566<br>\$ 108,9566<br>\$ 108,95666<br>\$ 108,956666<br>\$ 108,956666666666666666666666   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ 153,492<br>\$ (5,020)<br>\$ (38,851)<br>\$ (88,851)<br>\$ (88   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (117,411)           \$ 53,361           \$ - \$           \$ 117,411           \$ 53,361           \$ - \$           \$ 151,489           S - \$           \$ 151,489   
  | Oct-15<br>Actual           \$         157,529           \$         (6,020)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,760)           \$         (10,800)           \$         (10,800)           \$         (10,800)           \$         108,000           \$         108,000           \$         1172,338           Oct-17         Forecast           \$         -0:717   
   | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5           \$         (103,751)         5           \$         47,338         5           \$         132,683         5           \$         132,683         5           \$         152,592         5           \$         102,592         5           \$         102,592         5           \$         107,716         5           \$         153,823         -           \$         153,823         -           \$         Nov-17         Forecast           \$         -         -   
  | \$ (1,235,949)<br>Tec-15<br>Actual<br>\$ 1,868<br>\$ 156,700<br>\$ (103,751)<br>\$ 48,791<br>\$ (112,954)<br>Tec-16<br>Forecast<br>\$ 118,056<br>\$
152,312<br>\$ (6,026)<br>\$ (38,851)<br>\$ (6,026)<br>\$ (38,851)<br>\$ (38,952)<br>\$  | Jan-16           Forecast           \$   
   
                                      | Feb-16           Forecast           \$           5           5           6(0.20)           \$           (6(0.20))           \$           5           6(0.20)           \$           5           6(0.20)           \$           5           6(0.20)           \$           5           6(0.20)           \$           <  
  | Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         2,568           \$         168,016           \$         188,451           \$         198,463           \$         -           \$         9,0397           Har-18         Forecast           \$         2,568  | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         164,055           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         105,488           \$         -           \$         (8,007)           \$         -           \$         0,0071           Forecast         -           \$         -           \$         105,488           \$         -           \$         (8,007)           \$         -           \$         0.7789           \$         -           \$         0.8097  | <ul> <li>\$ 34,275</li> <li>₩ay-16</li> <li>Forecast</li> <li>\$ -</li> <li>\$ 154,4826</li> <li>\$ (103,751)</li> <li>\$ 44,705</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 33,946</li> <li>\$ -</li> <li>\$ 33,946</li> <li>\$ 105,148</li> <li>\$ (10,759)</li> <li>Way-17</li> <li>Forecast</li> <li>\$ 105,148</li> <li>\$ (10,759)</li> <li>\$ (10,759)<!--</td--><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,062           \$ 149,062           \$ 149,062           \$ 142,072           \$ 142,072           \$ 0,264           \$ 7,11</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,3101<br/>\$ (1,245,014<br/>\$ 585,854<br/>\$ (1,245,014<br/>\$ (1,245,014)<br/>\$ (1,245,014)</td></li></ul> | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (103,751)           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,027           \$ 149,027           \$ 32,403           \$ 21,226           Jun-17           Forecast           \$ 149,062           \$ 149,062           \$ 149,062           \$ 142,072           \$ 142,072           \$ 0,264           \$ 7,11   
   | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,3101<br>\$ (1,245,014<br>\$ 585,854<br>\$ (1,245,014<br>\$ (1,245,014)<br>\$ (1,245,014)   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyrover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyover from Prev Yr (2)<br>Revenue Requirements (4)<br>Revenue Collections (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron  | Attachment D1 D2 D3 D4  | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover            | \$         77,317           Jul-15         Actual           \$         -           \$         158,773           \$         158,773           \$         158,773           \$         (103,751)           \$         48,996           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         -           \$         104,916           \$         5           \$         108,936           \$         66,924           \$         -           \$         42,012           \$         42,012           \$         -           \$         149,369           \$         (6,026)           \$         (6,026)   | \$ 91,842<br>Autual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 48,581<br>\$ 5 -<br>\$ (36,831)<br>Autual<br>\$ -<br>\$ (36,831)<br>\$ 158,402<br>\$ (36,831)<br>\$ 108,616<br>\$ (38,851)<br>\$ (3   | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (17,411)           \$ 53,361           \$ (17,411)           \$ 53,361           \$ (148,749)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)  
   | Oct-15           Actual           \$
          \$           \$           \$           \$ <td< td=""><td>\$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         3         132,683           \$         132,683         5         -           \$         (85,345)         5         -           \$         16,026)         5         (38,851)           \$         153,823         -         5           Nov-16         Forecast         5         -           \$         152,683         (6,026)         5         (38,851)           \$         107,716         5         126,232         -         -           \$         153,823         -         -         -         -         -           Nov-17         Forecast         -<!--</td--><td><ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul></td><td>Jan-16           Forecast           \$           -           \$           &lt;</td><td>Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6</td><td>Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         199,997           Harcast         2,568           \$         140,228           \$         140,228           \$         160,016           \$         140,228           \$         160,026</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$         (6,026)           \$         (6,026)</td><td>§         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759           <b>May-17</b>         Forecast           \$         10,759           <b>May-17</b>         Forecast           \$         150,026           \$         10,759           <b>May-17</b>         Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271</td><td>\$ (1,245,014<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 1,852,962<br/>\$ 1,052,962<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ 1,852,962<br/>\$ 1,856,962<br/>\$ 1,766,967<br/>\$ 1,766,967</td></td></td<>  | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         3         132,683           \$         132,683         5         -           \$         (85,345)         5         -           \$         16,026)         5         (38,851)           \$         153,823         -         5           Nov-16         Forecast         5         -           \$         152,683         (6,026)         5         (38,851)           \$         107,716         5         126,232         -         -           \$         153,823         -         -         -         -         -           Nov-17         Forecast         - </td <td><ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul></td> <td>Jan-16           Forecast           \$           -           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$       
   \$           &lt;</td> <td>Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6</td> <td>Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         199,997           Harcast         2,568           \$         140,228           \$         140,228           \$         160,016           \$         140,228           \$         160,026</td> <td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$         (6,026)           \$         (6,026)</td> <td>§         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759           <b>May-17</b>         Forecast           \$         10,759           <b>May-17</b>         Forecast           \$         150,026           \$         10,759           <b>May-17</b>         Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$</td> <td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271</td> <td>\$ (1,245,014<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 588,854<br/>\$ (1,245,014<br/>\$ 1,852,962<br/>\$ 1,052,962<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ (466,208<br/>\$ 1,821,962<br/>\$ 1,852,962<br/>\$ 1,856,962<br/>\$ 1,766,967<br/>\$ 1,766,967</td>   | <ul> <li>\$ (1,235,949)</li> <li>■ Dec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 48,791</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,751)</li> <li>\$ 48,791</li> <li>\$ (10,20)</li> <li></li></ul>  
  | Jan-16           Forecast           \$           -           \$           <  
  | Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6  
  | Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         199,997           Harcast         2,568           \$         140,228           \$         140,228           \$         160,016           \$         140,228           \$         160,026   | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$         (6,026)           \$         (6,026)   
   | §         34,275           Forecast         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,751           \$         10,759 <b>May-17</b> Forecast           \$         10,759 <b>May-17</b> Forecast           \$         150,026           \$         10,759 <b>May-17</b> Forecast           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         10,029           \$         71,428           \$         5           \$         74,829           \$         74,829           \$         5           \$         74,829           \$         74,829           \$         74,829           \$   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ (00,751)           \$ 21,226           Jun-17           Forecast           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,264           \$ 0,264           \$ 149,692           \$ 0,264           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,270           \$ 0,271           Forecast           \$ 0,271           \$ 0,271           \$ 0,271  
   | \$ (1,245,014<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (1,245,014<br>\$ 588,854<br>\$ (1,245,014<br>\$ 588,854<br>\$ (1,245,014<br>\$ 1,852,962<br>\$ 1,052,962<br>\$ 1,821,962<br>\$ (466,208<br>\$ 1,821,962<br>\$ (466,208<br>\$ 1,821,962<br>\$ 1,852,962<br>\$ 1,856,962<br>\$ 1,766,967<br>\$ 1,766,967   |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Requirements (3)<br>Revenue Collections (4)<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Cartyor offset Payments (5)<br>Rahree (6) (7)  | Attachment D1 D2 D3 D4  | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover<br>Balance | \$ 77,317<br>Jul-15<br>Actual<br>\$ -<br>\$ 158,773<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ 48,996<br>\$ -<br>\$ (103,751)<br>\$ (103,871)<br>\$ (103,971)<br>\$ (103,9  | \$         91,842           Aug-15         Actual           \$         -           \$         158,358           \$         16,026           \$         163,751           \$         48,581           \$         -8,8541           \$         -8,8541           \$         -8,8541           \$         -6           Forecast         5           \$         -108,616           \$         -8,87,439           \$         149,674           \$         149,616           \$         -7,83,188           \$         -           \$         8,7439  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (03,751)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (105,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)           \$ (104,764)   
  | Oct-15           Actual           \$           -5,529           \$           (00,751)           \$           (10,751)           \$           (10,751)           \$         
 \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$   
   | \$         16,682           Nov-15           Actual         \$           \$         157,115           \$         (6,026)           \$         (6,026)           \$         (47,338)           \$         132,683           \$         -5           \$         (6,526)           \$         -6           Forecast         -           \$         126,232           \$         126,3823           \$         -7.5           \$         126,3823           \$         -7.5           \$         -7.6           \$         -7.716           \$         -7.5           \$         -7.5           \$         -7.5           \$         -7.5           \$         -7.5           \$         -7.5   
  | <ul> <li>\$ (1,235,949)</li> <li>■ Dec-15         <ul> <li>Actual</li> <li>\$ 1,868</li> <li>\$ 165,700</li> <li>\$ (103,751)</li> <li>\$ (48,791)</li> <li>\$ (103,751)</li> <li>\$ (103,751)</li> <li>\$ (103,751)</li> <li>\$ (102,954)</li> </ul> </li> <li>Dec-16         <ul> <li>Forecast</li> <li>\$ (102,954)</li> <li>\$ (102,954)</li> </ul> </li> <li>Dec-16         <ul> <li>Forecast</li> <li>\$ (102,954)</li> <li></li></ul></li></ul>   
   | Jan-16           Forecast           \$           5           5           60.20           \$           46.163           \$           5           103.751)           \$           5           60.305           \$           103.751)           \$           103.751)           \$           103.413           \$           5           5           151.823           \$           60.201           \$           106.946           \$           \$           147.244           \$           147.245           \$           147.245   
   | Feb-16           Forecast           \$           5           5           60/20           \$           60/20           \$           60/20           \$ <t< td=""><td>War-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ (25,67)           \$ 2,568           \$ (25,67)           \$ 2,568           \$ (25,84)           \$ (38,851)           \$ (99,397)           \$ (99,397)           \$ (25,68)           \$ (26,82)           \$ (25,88)           \$ 146,2268           \$ (25,68)           \$ 146,026           \$ (25,68)           \$ (25,</td><td>\$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         (0,067)           \$         150,055           \$         (6,026)           \$         (105,488)           \$         01,789           \$         01,789           \$         01,789           \$         91,789           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      &gt;         -     <td>§         34,275           Bay-16         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,946           \$         -           \$         33,946           \$         -           \$         105,759           \$         150,024           \$         (60,026)           \$         (60,026)           \$         (51,972)           \$         -           \$         -           \$         -           \$         -           \$         145,555           \$         145,555           \$         16,026)</td><td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 6,020           \$ 6,020           \$ 21,226           Jun-17           Forecast           \$ 2,243           \$ 149,692           \$ (6,026)           \$ (38,851)           \$ 114,080           \$ (38,851)           \$ 114,080           \$ (71)           Jun-18           Forecast           \$ 145,229           \$ 145,239           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259</td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,311<br/>\$ (1,245,014<br/>\$ 1,826,568<br/>\$ (72,311<br/>\$ (1,245,014<br/>\$ 1,052,066<br/>\$ 1,052,066<br/>\$ (46,208<br/>Total-16<br/>Forecast<br/>\$ 31,557<br/>\$ (466,208<br/>\$ (1,315,072<br/>\$ (31,557<br/>\$ (31,557)<br/>\$ (46,208<br/>\$ (72,311<br/>\$ (31,557)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311)</td></td></t<>   
  | War-16           Forecast           \$ 2,568           \$ 155,191           \$ (60,20)           \$ (103,751)           \$ 47,983           \$ 72,567           \$ 2,568           \$ (25,67)           \$ 2,568           \$ (25,67)           \$ 2,568           \$ (25,84)           \$ (38,851)           \$ (99,397)           \$ (99,397)           \$ (25,68)           \$ (26,82)           \$ (25,88)           \$ 146,2268           \$ (25,68)           \$ 146,026           \$ (25,68)           \$ (25, | \$         (45,422)           Apr-16         Forecast           \$         154,832           \$         154,832           \$         154,832           \$         (103,751)           \$         45,055           \$         -           \$         -           \$         (0,067)           \$         150,055           \$         (6,026)           \$         (105,488)           \$         01,789           \$         01,789           \$         01,789           \$         91,789           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         91,789           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      >         - <td>§         34,275           Bay-16         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,946           \$         -           \$         33,946           \$         -           \$         105,759           \$         150,024           \$         (60,026)           \$         (60,026)           \$         (51,972)           \$         -           \$         -           \$         -           \$         -           \$         145,555           \$         145,555           \$         16,026)</td> <td>Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 6,020           \$ 6,020           \$ 21,226           Jun-17           Forecast           \$ 2,243           \$ 149,692           \$ (6,026)           \$ (38,851)           \$ 114,080           \$ (38,851)           \$ 114,080           \$ (71)           Jun-18           Forecast           \$ 145,229           \$ 145,239           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259</td> <td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (72,311<br/>\$ (1,245,014<br/>\$ 1,826,568<br/>\$ (72,311<br/>\$ (1,245,014<br/>\$ 1,052,066<br/>\$ 1,052,066<br/>\$ (46,208<br/>Total-16<br/>Forecast<br/>\$ 31,557<br/>\$ (466,208<br/>\$ (1,315,072<br/>\$ (31,557<br/>\$ (31,557)<br/>\$ (46,208<br/>\$ (72,311<br/>\$ (31,557)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311<br/>\$ (72,311)<br/>\$ (72,311)</td>  | §         34,275           Bay-16         Forecast           \$         -           \$         154,482           \$         (103,751)           \$         44,705           \$         33,946           \$         -           \$         33,946           \$         -           \$         105,759           \$         150,024           \$         (60,026)           \$         (60,026)           \$         (51,972)           \$         -           \$         -           \$         -           \$         -           \$         145,555           \$         145,555           \$         16,026)   
   | Jun-16           Forecast           \$ 9,264           \$ 154,142           \$ 6,020           \$ 6,020           \$ 21,226           Jun-17           Forecast           \$ 2,243           \$ 149,692           \$ (6,026)           \$ (38,851)           \$ 114,080           \$ (38,851)           \$ 114,080           \$ (71)           Jun-18           Forecast           \$ 145,229           \$ 145,239           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259           \$ 145,259  | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (72,311<br>\$ (1,245,014<br>\$ 1,826,568<br>\$ (72,311<br>\$ (1,245,014<br>\$ 1,052,066<br>\$ 1,052,066<br>\$ (46,208<br>Total-16<br>Forecast<br>\$ 31,557<br>\$ (466,208<br>\$ (1,315,072<br>\$ (31,557<br>\$ (31,557)<br>\$ (46,208<br>\$ (72,311<br>\$ (31,557)<br>\$ (72,311<br>\$ (72,311)<br>\$ (72,311<br>\$ (72,311)<br>\$ (72,311<br>\$ (72,311)<br>\$ (72,311)      |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron O&M Credit<br>Carryover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron<br>Cast Iron<br>Cast Iron<br>Cast Iron O&M Credit<br>Cast Iron<br>Cast Iron O&M Credit  | Attachment D1 D2 D3 D4  | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover<br>Balance | \$         77,317           Jul-15         Actual           \$         -           \$         158,773           \$         158,773           \$         158,773           \$         (103,751)           \$         48,996           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         97,466           \$         -           \$         104,916           \$         5           \$         108,936           \$         66,924           \$         -           \$         42,012           \$         42,012           \$         -           \$         149,369           \$         (6,026)           \$         (6,026)   | \$ 91,842<br>Aug-15<br>Actual<br>\$ -<br>\$ 158,358<br>\$ (60,20)<br>\$ (103,751)<br>\$ 484,581<br>\$ -<br>\$ (36,831)<br>Aug-16<br>Forecast<br>\$ 153,492<br>\$ (60,20)<br>\$ 198,610<br>\$ 198,610<br>\$ 3,188<br>\$ -<br>\$ (7,39)<br>Aug-17<br>Forecast<br>\$ -<br>\$ 19,055<br>\$ (60,20)<br>\$ (60,2 | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (27,822)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (17,411)           \$ 53,361           \$ (13,182)           \$ (148,749)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)           \$ (6,026)  
  | Oct-15           Actual           \$           -           \$        
  \$           \$           \$           \$           \$           \$           \$           \$ <td< td=""><td>\$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         5         -           \$         132,683         5         -           \$         (85,345)         -         5           Nov-16           Forecast           \$         152,592         5         (6,026)           \$         126,232         5         -         5           \$         126,232         5         -         -           \$         153,823         -         -         5           Forecast           \$         -         -         -         5           Forecast         -         -         -         -         5         -         -         5         -         -         5         -         -         5         -         -         5         -         -         5         -         5         -         5         -         5         -         5         -<td>\$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 1,660           \$ (103,751)           \$ 48,791           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,954)           Dec-16           Forecast           \$ (152,912)           \$ (6,026)           \$ (152,912)           Berceast           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)</td><td>Jan-16           Forecast           \$           &lt;</td><td>Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6</td><td>Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         198,403           \$         199,997           Horecast         2,568           \$         2,568           \$         146,228           \$         146,228           \$         160,016</td><td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$         145,887           \$         (6,026)           \$         (6,026)</td><td><ul> <li>\$ 34,275</li> <li>Bayer Contemporation</li> <li>S 154,482</li> <li>S 154,482</li> <li>S (61,026)</li> <li>S (103,751)</li> <li>S 44,705</li> <li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S (10,759)</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>S (10,759)</li> <li>S (10,759</li></ul></td><td><math display="block">\begin{tabular}{ c c c c } \hline Jun-16 \\ \hline Forecast \\ \hline \$ 9,264 \\ \hline \$ 154,142 \\ \hline \$ (103,751) \\ \hline \hline \hline \$ (103,751) \\ \hline \hline \hline \hline \$ (103,75</math></td><td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (7,241)<br/>\$ (1,245,014<br/>\$ 5,85,854<br/>\$ (1,245,014<br/>\$ (1,245,014)<br/>\$ (1,245,014)</td></td></td<>   | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         5         -           \$         132,683         5         -           \$         (85,345)         -         5           Nov-16           Forecast           \$         152,592         5         (6,026)           \$         126,232         5         -         5           \$         126,232         5         -         -           \$         153,823         -         -         5           Forecast           \$         -         -         -         5           Forecast         -         -         -         -         5         -         -         5         -         -         5         -         -         5         -         -         5         -         -         5         -         5         -         5         -         5         -         5         - <td>\$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 1,660           \$ (103,751)           \$ 48,791           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,954)           Dec-16           Forecast           \$ (152,912)           \$ (6,026)           \$ (152,912)           Berceast           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)</td> <td>Jan-16           Forecast           \$           &lt;</td> <td>Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6</td> <td>Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         198,403           \$         199,997           Horecast         2,568           \$         2,568           \$         146,228           \$         146,228           \$         160,016</td> <td>\$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$        
145,887           \$         (6,026)           \$         (6,026)</td> <td><ul> <li>\$ 34,275</li> <li>Bayer Contemporation</li> <li>S 154,482</li> <li>S 154,482</li> <li>S (61,026)</li> <li>S (103,751)</li> <li>S 44,705</li> <li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S (10,759)</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>S (10,759)</li> <li>S (10,759</li></ul></td> <td><math display="block">\begin{tabular}{ c c c c } \hline Jun-16 \\ \hline Forecast \\ \hline \$ 9,264 \\ \hline \$ 154,142 \\ \hline \$ (103,751) \\ \hline \hline \hline \$ (103,751) \\ \hline \hline \hline \hline \$ (103,75</math></td> <td>\$ (1,245,014<br/>Total-15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (7,241)<br/>\$ (1,245,014<br/>\$ 5,85,854<br/>\$ (1,245,014<br/>\$ (1,245,014)<br/>\$ (1,245,014)</td> | \$ (1,235,949)           Dec-15           Actual           \$ 1,868           \$ 1,660           \$ (103,751)           \$ 48,791           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,751)           \$ (102,954)           Dec-16           Forecast           \$ (152,912)           \$ (6,026)           \$ (152,912)           Berceast           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)           \$ (10,620)   
   | Jan-16           Forecast           \$           <  
   | Feb-16           Forecast           \$           5           5           60/20           \$           (0/23)           \$           (0/23)           \$           5           5           6           7           Feb-17           Forecast           \$           5           6           5           5           5           5           5           6           6           6           6           7           Forecast           \$           5           6           6           6           7           7           7           146.575           \$           6           6   
   | Har-16           Forecast           \$         2,568           \$         155,191           \$         47,983           \$         7,267           \$         47,983           \$         2,267           \$         2,267           \$         2,267           \$         2,268           \$         150,714           \$         150,714           \$         150,714           \$         2,568           \$         164,016           \$         150,714           \$         164,016           \$         150,714           \$         12,568           \$         198,406           \$         198,406           \$         198,406           \$         198,403           \$         199,997           Horecast         2,568           \$         2,568           \$         146,228           \$         146,228           \$         160,016  | \$         (45,422)           Apr-16         Forecast           \$         -           \$         154,832           \$         -           \$         154,832           \$         (103,751)           \$         45,055           \$         (0,067)           \$         5           \$         150,458           \$         150,458           \$         105,448           \$         91,789           \$         (85,697)           \$         145,887           \$         145,887           \$         145,887           \$         145,887           \$         (6,026)           \$         (6,026)  | <ul> <li>\$ 34,275</li> <li>Bayer Contemporation</li> <li>S 154,482</li> <li>S 154,482</li> <li>S (61,026)</li> <li>S (103,751)</li> <li>S 44,705</li>
<li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S 105,144</li> <li>S (10,759)</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>Bayer Contemporation</li> <li>S (10,759)</li> <li>S (10,759</li></ul>   | $\begin{tabular}{ c c c c } \hline Jun-16 \\ \hline Forecast \\ \hline $ 9,264 \\ \hline $ 154,142 \\ \hline $ (103,751) \\ \hline \hline \hline $ (103,751) \\ \hline \hline \hline \hline $ (103,75$  | \$ (1,245,014<br>Total-15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (7,241)<br>\$ (1,245,014<br>\$ 5,85,854<br>\$ (1,245,014<br>\$ (1,245,014)<br>\$ (1,245,014)  |
| Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyover from Prev Yr (2)<br>Revenue Collections (4)<br>Carbon Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron O&M Credit<br>Cartyover from Prev Yr (2)<br>Revenue Collections (4)<br>Cartono Offset Payments (5)<br>Balance (6) (7)<br>RA/SBG (1)<br>Cast Iron (2)<br>Rance (6) (7)<br>RA/SBG (1)<br>Cast Iron Collections (4)<br>Rance (6) (7)<br>RA/SBG (1)<br>Cast Iron Cast I   | Attachment D1 D2 D3 D4 D4 D4 D4 D2 D4 D4 D1 D2 D4   | Balance<br>\$ (1,245,014)<br>Carryover<br>Balance<br>\$ (466,208)<br>Carryover<br>Balance | \$ 77,317<br>Jul-15<br>Actual<br>\$ 5 158,773<br>\$ (60,26)<br>\$ (103,751)<br>\$ 48,996<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 97,46<br>\$ 108,976<br>\$ 108,976<br>\$ 108,976<br>\$ 108,976<br>\$ 108,951<br>\$ 108,951<br>\$ 108,951<br>\$ 108,954<br>\$ 0,6026<br>\$ 42,012<br><b>Jul-17</b><br><b>Forecast</b><br>\$ -<br>\$ 149,369<br>\$ (60,26)<br>\$ 149,359<br>\$ (60,26)<br>\$ 149,359<br>\$ (60,26)<br>\$ 149,359<br>\$ (60,26)<br>\$ 149,359<br>\$ (60,26)<br>\$ 149,359<br>\$ 149,359<br>\$ (60,26)<br>\$ (60,26)<br>\$ (60,26)<br>\$ (60,26)<br>\$ (7,16)<br>\$ (7,16) | \$         91,842           Aug-15         Actual           \$         -           \$         158,358           \$         158,358           \$         158,358           \$         158,358           \$         6,026           \$         (103,751)           \$         48,861           \$         -           \$         (36,831)           Aug-16         Forecast           \$         (6,026)           \$         (188,651)           \$         -           \$         188,616           \$         -           \$         8,7,439           Aug-17         Forecast           \$         149,055           \$         149,055           \$         149,055           \$         143,023  | Sep-15           Actual           \$ 12,911           \$ 157,944           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (103,751)           \$ (17,782)           \$ (27,822)           \$ (27,822)           \$ (51,602)           \$ (51,602)           \$ (51,602)           \$ (51,602)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)           \$ (50,026)   
   | Oct-15<br>Actual           \$         157,529           \$         (00,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,751)           \$         (10,752)           \$         (10,026)           \$         (10,026)           \$         (10,026)           \$         172,338           \$         172,338           \$         148,451           \$         (10,026)           \$         148,451           \$         (10,026)           \$         142,451           \$         (10,026)           \$         142,451   
   
  | \$         16,682           Nov-15         Actual           \$         -         5           \$         157,115         5           \$         (6,026)         5         (103,751)           \$         47,338         5         -           \$         132,683         5         -           \$         132,683         -         5           Forecast         \$         -         5           \$         126,832         -         5           \$         153,823         -         5           \$         153,823         -         5           \$         153,823         -         5           \$         148,163         5         (6,026)           \$         153,823         -         -           \$         148,163         -         -           \$         148,163         5         (6,026)           \$         0.0000         -         5   
   | <ul> <li>\$ (1,235,949)</li> <li>■ec-15<br/>Actual</li> <li>\$ 1,868</li> <li>\$ 156,700</li> <li>\$ (60,26)</li> <li>\$ (103,751)</li> <li>\$ 448,791</li> <li>\$ 164,791</li> <li>\$ (103,751)</li> <li>\$ 448,791</li> <li>\$ (103,751)</li> <li>\$ 448,791</li> <li>\$ (103,751)</li> <li>\$ 448,791</li> <li>\$ (103,751)</li> <li>\$ 448,791</li> <li>\$ (103,751)</li> <l< td=""><td>Jan-16           Forecast           \$ -           \$ 155,940           \$ (103,751)           \$ 46,163           \$ 109,576           \$ -           \$ (63,413)           Jan-17           Forecast           \$           \$ (63,413)           Jan-17           Forecast           \$ 151,833           \$ (60,26)           \$ (63,413)           \$ 151,833           \$ (60,26)           \$ (60,26)           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 147,254           \$ 141,232</td><td>Feb-16           Forecast           \$           5           6(0.26)           \$           (103,75)           \$</td><td>War-16           Forecast           \$         2,568           \$         155,191           \$         (6,026)           \$         (103,751)           \$         47,983           \$         72,567           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         160,714           \$         160,714           \$         160,714           \$         160,7014           \$         108,406           \$         1142,403           \$         19,406           \$         19,407           \$         19,409,403           \$         9,907)           War-18         Forecast           \$         2,568           \$         140,4028           \$         140,4028           \$         140,228           \$         142,245           \$         142,245           \$         142,</td><td>\$         (45,422)           Apr-16         Forecast           \$         -         \$           \$         154,832         \$           \$         154,832         \$           \$         (103,751)         \$           \$         (103,751)         \$           \$         (103,751)         \$           \$         (0,026)         \$           \$         154,885         \$           \$         105,488         \$           \$         105,488         \$           \$         01,789         \$           \$         105,488         \$           \$         01,789         \$           \$         01,789         \$           \$         105,488         \$           \$         105,488         \$           \$         01,789         \$           \$         105,45,887         \$           \$         145,887         \$           \$         139,856         \$</td><td>S         34,275           Bay-16         Forecast           S         -           S         154,482           S         154,482           S         44,705           S         103,751           S         44,705           S         10,759           May-17         Forecast           Forecast         -           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,126)           S         (6,126)           S         10,1528           S         10,1529           May-18         Forecast           S         145,5555           S         (6,020)           S         139,5239           S         139,5239</td><td>Jun-16<br/>Forecast<br/>\$ 9,264<br/>\$ 154,142<br/>\$ (103,751)<br/>\$ 33,629<br/>\$ 32,403<br/>\$ 21,226<br/>Jun-17<br/>Forecast<br/>\$ 9,264<br/>\$ 149,602<br/>\$ (38,851)<br/>\$ 149,602<br/>\$ (6,026)<br/>\$ (21,10,000)<br/>\$ (</td><td>\$ (1,245,014<br/>Total -15<br/>Act/Fest<br/>\$ 26,611<br/>\$ 1,876,566<br/>\$ (7,243)<br/>\$ (7,245,014<br/>\$ 385,854<br/>\$ (7,245,014<br/>\$ 31,557<br/>\$ (466,208<br/>\$ (72,310<br/>\$ (466,208<br/>\$ (72,310<br/>\$ (72,310)<br/>\$ (72,310<br/>\$ (72,310)<br/>\$ (72,310<br/>\$ (72,310)<br/>\$ (72</td></l<></ul> | Jan-16           Forecast           \$ -           \$ 155,940           \$ (103,751)           \$ 46,163           \$ 109,576           \$ -           \$ (63,413)           Jan-17           Forecast           \$           \$ (63,413)           Jan-17           Forecast           \$ 151,833           \$ (60,26)           \$ (63,413)           \$ 151,833           \$ (60,26)           \$ (60,26)           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 201,438           \$ 147,254           \$ 141,232  
  | Feb-16           Forecast           \$           5           6(0.26)           \$           (103,75)           \$   
  | War-16           Forecast           \$         2,568           \$         155,191           \$         (6,026)           \$         (103,751)           \$         47,983           \$         72,567           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         160,714           \$         160,714           \$         160,714           \$         160,7014           \$         108,406           \$         1142,403           \$         19,406           \$         19,407           \$         19,409,403           \$         9,907)           War-18         Forecast           \$         2,568           \$        
140,4028           \$         140,4028           \$         140,228           \$         142,245           \$         142,245           \$         142,               | \$         (45,422)           Apr-16         Forecast           \$         -         \$           \$         154,832         \$           \$         154,832         \$           \$         (103,751)         \$           \$         (103,751)         \$           \$         (103,751)         \$           \$         (0,026)         \$           \$         154,885         \$           \$         105,488         \$           \$         105,488         \$           \$         01,789         \$           \$         105,488         \$           \$         01,789         \$           \$         01,789         \$           \$         105,488         \$           \$         105,488         \$           \$         01,789         \$           \$         105,45,887         \$           \$         145,887         \$           \$         139,856         \$   | S         34,275           Bay-16         Forecast           S         -           S         154,482           S         154,482           S         44,705           S         103,751           S         44,705           S         10,759           May-17         Forecast           Forecast         -           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,026)           S         (6,126)           S         (6,126)           S         10,1528           S         10,1529           May-18         Forecast           S         145,5555           S         (6,020)           S         139,5239           S         139,5239   
  | Jun-16<br>Forecast<br>\$ 9,264<br>\$ 154,142<br>\$ (103,751)<br>\$ 33,629<br>\$ 32,403<br>\$ 21,226<br>Jun-17<br>Forecast<br>\$ 9,264<br>\$ 149,602<br>\$ (38,851)<br>\$ 149,602<br>\$ (6,026)<br>\$ (21,10,000)<br>\$ (   | \$ (1,245,014<br>Total -15<br>Act/Fest<br>\$ 26,611<br>\$ 1,876,566<br>\$ (7,243)<br>\$ (7,245,014<br>\$ 385,854<br>\$ (7,245,014<br>\$ 31,557<br>\$ (466,208<br>\$ (72,310<br>\$ (466,208<br>\$ (72,310<br>\$ (72,310)<br>\$ (72,310<br>\$ (72,310)<br>\$ (72,310<br>\$ (72,310)<br>\$ (72 |

Notes:
(1) RA/SBG actual expenses are for invoiced amounts. Refer to Attachment D1 for supporting detail for amounts beginning in 2015.
(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 December 2015 and for careas threafter.
(5) The Company does not forecast any carbon offset payments related to the gas cast 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.

### State Energy Policy (SEP) Rider

Comparison by month of actual revenue requirements versus forecasted revenue requirements

#### Gas Tracker

			2014-2015 S	SEP Period					2015-2016 \$	EP Period			
	Jan-15 <b>Actual</b>	Feb-15 Forecast	Mar-15 <b>Forecast</b>	Apr-15 Forecast	May-15 <b>Forecast</b>	Jun-15 <b>Forecast</b>	Jul-15 <b>Forecast</b>	Aug-15 Forecast	Sep-15 Forecast	Oct-15 Forecast	Nov-15 Forecast	Dec-15 Forecast	Total
Natural Gas Revenue Requirement: (Docket 15-194)	157,167	156,751	160,012	155,918	155,502	160,337	154,670	154,254	158,805	153,421	153,005	172,217	1,892,05
-	Jan-15 <u>Actual</u>	Feb-15 <u>Actual</u>	Mar-15 <u>Actual</u>	Apr-15 <u>Actual</u>	May-15 <u>Actual</u>	Jun-15 <u>Actual</u>	Jul-15 <u>Actual</u>	Aug-15 <u>Actual</u>	Sep-15 <u>Actual</u>	Oct-15 <u>Actual</u>	Nov-15 <u>Actual</u>	Dec-15 <u>Actual</u>	Total
Natural Gas Revenue Requirement: (Docket 16)	155,233	154,819	158,047	153,990	153,576	166,298	152,747	152,332	164,829	151,503	151,089	152,542	1,867,00
Variance Forecast vs. actual-Gas	1,933	1,932	1,966	1,928	1,926	-5,962	1,923	1,921	-6,024	1,918	1,916	19,674	25,05

			2014-2015 S	SEP Period					2015-2016 \$	SEP Period			
	Jan-15 <u>Actual</u>	Feb-15 Forecast	Mar-15 Forecast	Apr-15 Forecast	May-15 Forecast	Jun-15 Forecast	Jul-15 Forecast	Aug-15 Forecast	Sep-15 Forecast	Oct-15 Forecast	Nov-15 Forecast	Dec-15 Forecast	Total
Gas Revenue (1) (Docket 15-194)	296,717	262,900	230,935	172,308	117,969	94,720	33,734	38,269	25,833	41,974	67,134	90,701	1,473,19
	Jan-15 <u>Actual</u>	Feb-15 <u>Actual</u>	Mar-15 <u>Actual</u>	Apr-15 <u>Actual</u>	May-15 <u>Actual</u>	Jun-15 <u>Actual</u>	Jul-15 <u>Actual</u>	Aug-15 <u>Actual</u>	Sep-15 <u>Actual</u>	Oct-15 <u>Actual</u>	Nov-15 <u>Actual</u>	Dec-15 Actual	Total
Gas Revenue (Docket 16)	296,717	255,530	292,994	189,378	109,266	97,752	97,466	85,412	88,900	90,860	132,683	161,745	1,898,70
Variance Forecast vs.													
actual-Gas Revenues	0	7,370	-62,060	-17,070	8,703	-3,032	-63,731	-47,143	-63,067	-48,885	-65,549	-71,044	-425,50

Net Result

-450,561

The revenue requirements data has been adusted to exclude the carryover balance to better compare the monthly actual costs to the equivalent forecasted costs. (1) Based on updated Attachment B2 filed in May 26, 2015 Reply Comments in Docket No. G002/M-15-194.

		Gas Tracker D RA/SBG	Detail	
Part A: M	[onthly % of F	A/SBG costs AS IF	adjustment hadn't	been made
		RA/SBG Invoice	RA/SBG w/o Adjustment (1)	Monthly % w/o Adjustment (2)
Jan-15	Actual	-	-	
Feb-15	Actual	-	-	
Mar-15	Actual	3,642	3,642	8%
Apr-15	Actual	-	-	
May-15	Actual	-	-	
Jun-15	Actual	13,137	13,137	29%
Jul-15	Actual	-	-	
Aug-15	Actual	-	-	
Sep-15	Actual	12,911	12,911	29%
Oct-15	Actual	-	-	
Nov-15	Actual	-	-	
Dec-15	Actual	1,868	15,060	34%
Innual		\$ 31,557	\$ 44,750	
	<u> </u>	ayments based on pr % w/o Adjustm Previous Annual	•	-
		Invoice	Adjustment (2)	Monthly Payment
Jan-16	Forecast	\$ 31,557	0%	\$ -
Feb-16	Forecast	\$ 31,557	0%	т \$ –
Mar-16	Forecast	\$ 31,557	8%	\$ 2,568
Apr-16	Forecast	\$ 31,557	0%	\$ -
May-16	Forecast	\$ 31,557	0%	\$ -
Jun-16	Forecast	\$ 31,557	29%	\$ 9,264
Jul-16	Forecast	\$ 31,557	0%	\$ -
Aug-16	Forecast	\$ 31,557	0%	\$ -
Sep-16	Forecast	\$ 31,557	29%	\$ 9,105
Oct-16	Forecast	\$ 31,557	0%	\$ -
Oct-16 Nov-16	Forecast Forecast		0%	\$ - \$ -
		\$ 31,557		
Nov-16	Forecast	\$ 31,557	0%	\$ -
Nov-16 Dec-16	Forecast Forecast	\$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557	0% 34%	\$ - \$ 10,620
Nov-16 Dec-16 Jan-17	Forecast Forecast Forecast	\$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557	0% 34% 0%	\$ - \$ 10,620 \$ -
Nov-16 Dec-16 Jan-17 Feb-17 Mar-17	Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557	0% 34% 0% 0%	\$ - \$ 10,620 \$ - \$ -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17	Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557	0% 34% 0% 0% 8%	\$ - \$ 10,620 \$ - \$ - \$ 2,568
Nov-16 Dec-16 Jan-17 Feb-17 Mar-17	Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557 \$ 31,557	0% 34% 0% 0% 8% 0%	\$     -       \$     10,620       \$     -       \$     -       \$     -       \$     2,568       \$     -       \$     -       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           May-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557	0% 34% 0% 0% 8% 0% 0%	\$     -       \$     10,620       \$     -       \$     -       \$     -       \$     2,568       \$     -       \$     -       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           May-17           Jun-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557	0% 34% 0% 0% 8% 0% 0% 0% 29%	\$     -       \$     10,620       \$     -       \$     -       \$     -       \$     2,568       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           May-17           Jun-17           Jun-17           Jun-17           Jun-17           Jun-17           Jul-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0% 34% 0% 0% 8% 0% 0% 0% 29% 0%	\$     -       \$     10,620       \$     -       \$     -       \$     2,568       \$     -       \$     2,568       \$     -       \$     9,264       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           May-17           Jun-17           Jul-17           Aug-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0% 34% 0% 0% 8% 0% 0% 29% 0% 0%	\$     -       \$     10,620       \$     -       \$     -       \$     -       \$     2,568       \$     -       \$     2,568       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jun-17           Jul-17           Aug-17           Sep-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0%           34%           0%	\$     -       \$     10,620       \$     -       \$     -       \$     -       \$     2,568       \$     -       \$     2,568       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jun-17           Jul-17           Aug-17           Sep-17           Oct-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0%           34%           0%	\$     -       \$     10,620       \$     -       \$     -       \$     2,568       \$     -       \$     2,568       \$     -       \$     9,264       \$     -       \$     -       \$     -       \$     9,105       \$     -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jun-17           Jul-17           Aug-17           Sep-17           Oct-17           Nov-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,557	0%           34%           0%	\$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       2,568         \$       -         \$       2,568         \$       -         \$       9,264         \$       -         \$       9,105         \$       -         \$       9,105         \$       -         \$       -         \$       -         \$       -         \$       10,620
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jul-17           Jul-17           Sep-17           Oct-17           Nov-17           Dec-17	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0%           34%           0%           34%	\$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       2,568         \$       -         \$       2,568         \$       -         \$       9,264         \$       -         \$       9,105         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jul-17           Jul-17           Sep-17           Oct-17           Nov-17           Dec-17           Jan-18	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0%           34%           0%	\$       -         \$       10,620         \$       -         \$       -         \$       -         \$       2,568         \$       -         \$       2,568         \$       -         \$       -         \$       9,264         \$       -         \$       9,105         \$       -         \$       9,105         \$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jul-17           Jul-17           Sep-17           Oct-17           Nov-17           Dec-17           Jan-18           Feb-18	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 31,5	0%           34%           0%	\$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       2,568         \$       -         \$       9,264         \$       -         \$       9,105         \$       -         \$       9,105         \$       -         \$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -
Nov-16           Dec-16           Jan-17           Feb-17           Mar-17           Apr-17           Jun-17           Jul-17           Jul-17           Sep-17           Oct-17           Nov-17           Dec-17           Jan-18           Feb-18           Mar-18	Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast Forecast	\$ 31,557 \$ 3	0%           34%           0%	\$       -         \$       10,620         \$       -         \$       -         \$       -         \$       2,568         \$       -         \$       2,568         \$       -         \$       -         \$       9,264         \$       -         \$       9,105         \$       -         \$       9,105         \$       -         \$       10,620         \$       -         \$       -         \$       -         \$       -         \$       -

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	cer Detail							
			Cast Iron	Replacen	nent Reve	nue Requ	irement b	y Month					
	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 Plus Plant In-Service	0 13,736,108	0 13,736,108	0 13,736,108	0 13,736,108	0 13,736,108	0 13,736,108	13,736,1						
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	1,402,7
Less Accum Deferred Taxes	764,477	781,309	798,141	814,973	831,805	848,637	863,303	877,969	892,636	907,302	921,968	936,634	936,6
End Of Month Rate Base	11,890,667	11,844,583	11,798,498	11,752,413	11,706,328	11,660,243	11,616,324	11,572,405	11,528,486	11,484,567	11,440,648	11,396,729	11,396,7
Average Rate Base (BOM/EOM)	11,913,710	11,867,625	11,821,540	11,775,455	11,729,370	11,683,286	11,638,284	11,594,365	11,550,445	11,506,526	11,462,607	11,418,688	11,663,4
alculation of Return													
Plus Debt Return Plus Equity Return	22,140 52,917	22,054 52,712	21,968 52,507	21,883 52,303	21,797 52.098	21,711 51,893	21,822 51,596	21,739 51,402	21,657 51,207	21,575 51,012	21,492 50,818	21,410 50,623	261,2 621,0
Fotal Return	75,056	74,766	74,476	74,185	73,895	73,605	73,418	73,141	72,864	72,587	72,310	72,033	882,3
ncome Statement Items													
Plus Property Taxes	24,011	24,011	24,011	24,011	24,011	24,011	22,532	22,532	22,532	22,532	22,532	22,532	279,2
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	351,0
Plus Deferred Taxes Plus Current Taxes	16,832 20,108	16,832 19,963	16,832 19,819	16,832	16,832 19,530	16,832 19,385	14,666 21,390	14,666 21,253	14,666 21,115	14,666 20,978	14,666 20,840	14,666 20,703	188,9
Fotal Income Statement Expense	20,108	90,059	89,914	19,674 89,770	89,626	89,481	21,390 87,841	21,253 87,704	87,566	20,978 87,429	20,840 87,292	20,703	244,7
rotar meome statement Expense	50,205	50,055	05,514	02,770	05,020	02,401	07,041	07,704	07,000	07,427	07,272	07,154	1,004,0
Total Revenue Requirements	165,260	164,825	164,390	163,955	163,521	163,086	161,259	160,845	160,430	160,016	159,601	159,187	1,946,3
Jurisdictional Revenue Requirement	165,260	164,825	164,390	163,955	163,521	163,086	161,259	160,845	160,430	160,016	159,601	159,187	1,946,3
_	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 Plus Plant In-Service	0	0	0	0	0	0	0	0	0	0	0	0	10.70
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	13,736,108 1,666,021	13,736,108 1,695,274	13,736,108 1,724,526	13,736,108 1,753,779	13,736,1 1,753,7
Less Book Depreciation Reserve Less Accum Deferred Taxes	1,431,998 951,301	1,461,251 965,967	1,490,504 980,633	1,519,757 995,299	1,549,009	1,578,262 1,024,632	1,607,515 1,036,252	1,636,768 1,046,800	1,666,021 1,056,344	1,695,274 1,064,817	1,/24,526 1,072,253	1,753,779	1,753,
End Of Month Rate Base	951,301 11,352,810	965,967	980,635	11,221,052	11,177,133	1,024,632	1,036,252	1,046,800	1,056,544	10,976,018	10,939,329	10,903,713	10,903,7
Average Rate Base (BOM/EOM)	11,374,769	11,330,850	11,286,931	11,221,032	11,199,093	11,155,174	11,092,342	11,052,541	11,013,743	10,976,018	10,939,329	10,903,713	11,140,1
5 (		1	,	,	, ,	,,	, _,,	,	,	.,	.,	., .,	-,/,-
Calculation of Return													
Plus Debt Return	21,328	21,245	21,163	21,081	20,998	20,916	20,744	20,669	20,595	20,524	20,454	20,387	250,1
Plus Equity Return	50,428	50,233	50,039	49,844	49,649	49,455	49,081	48,903	48,730	48,561	48,396	48,237	591,5
Total Return	71,756	71,479	71,202	70,925	70,648	70,371	69,825	69,572	69,325	69,084	68,851	68,624	841,6
Income Statement Items	22.532	22.532	22.532	22,532	22,532	22,532	22.532	22.532	22.532	22,532	22,532	22.532	270.2
Plus Property Taxes Plus Book Depreciation	22,532	22,532	22,532	22,532 29,253	22,532 29,253	22,532 29,253	22,532 29,253	22,532 29,253	22,532 29,253	22,532 29,253	22,532 29,253	22,532	270,3 351,0
Plus Deferred Taxes	14,666	14.666	14,666	29,233	14.666	14.666	12,657	12,657	12,657	12,657	12,657	12,657	163,9
Plus Current Taxes	20,566	20,428	20,291	20,154	20,016	19,879	21,672	21,547	21,424	21,305	21,189	21,076	249,5
Fotal Income Statement Expense	87,017	86,879	86,742	86,605	86,467	86,330	86,115	85,989	85,866	85,747	85,631	85,518	1,034,9
Total Revenue Requirements	158,773	158,358	157,944	157,529	157,115	156,700	155,940	155,561	155,191	154,832	154,482	154,142	1,876,5
Jurisdictional Revenue Requirement	158,773	158,358	157,944	157,529	157,115	156,700	155,940	155,561	155,191	154,832	154,482	154,142	1,876,5
	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	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	13,736,1
Less Book Depreciation Reserve Less Accum Deferred Taxes	1,783,032 1,083,942	1,812,285 1,088,195	1,841,538 1,091,377	1,870,790 1,093,521	1,900,043 1,094,593	1,929,296 1,094,628	1,958,549 1,186,581	1,987,802 1,195,711	2,017,055 1,204,000	2,046,307 1,211,357	2,075,560 1,217,814	2,104,813 1,223,340	2,104,8 1,223,3
End Of Month Rate Base	10,869,135	10,835,628	10,803,194	10,771,797	10,741,472	10,712,185	10,590,979	10,552,596	10,515,054	10,478,443	10,442,734	10,407,955	10,407,9
Average Rate Base (BOM/EOM)	10,886,424	10,852,382	10,819,411	10,787,495	10,756,634	10,726,828	10,651,582	10,571,787	10,533,825	10,496,749	10,460,589	10,425,344	10,664,0
Calculation of Return													
Plus Debt Return	20,321	20,258	20,196	20,137	20,079	20,023	20,060	19,910	19,839	19,769	19,701	19,634	239,9
Plus Equity Return	48,082	47,931	47,786	47,645	47,508	47,377	47,044	46,692	46,524	46,361	46,201	46,045	565,1
Total Return	68,403	68,189	67,982	67,781	67,588	67,400	67,105	66,602	66,363	66,130	65,902	65,680	805,1
ncome Statement Items													
Plus Property Taxes	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	270,3
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	351,0
Plus Deferred Taxes	12,657	12,657	12,657	12,657	12,657	12,657	10,962	10,962	10,962	10,962	10,962	10,962	141,7
Plus Current Taxes	20,967	20,861	20,758	20,659	20,563	20,470	21,971	21,723	21,604	21,489	21,376	21,266	253,7
Fotal Income Statement Expense	85,409	85,303	85,200	85,101	85,005	84,912	84,718	84,469	84,351	84,235	84,123	84,013	1,016,8
Fotal Revenue Requirements	153,812	153,492	153,182	152,882	152,592	152,312	151,823	151,071	150,714	150,365	150,024	149,692	1,821,9
I otal Revenue Requirements Jurisdictional Revenue Requirement	153,812 153,812	153,492 153,492	153,182 153,182	152,882 152,882	152,592 152,592	152,312 152,312	151,823 151,823	151,071 151,071	150,714 150,714	150,365 150,365	150,024 150,024	149,692 149,692	1,821,9
	Jul-17	Aug-17	Sec. 17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Annual-17
Rate Base	Jai-17	1 ug-1 /	Sep-17	Oce1/	1809-17	Dec-17	Jan-10	1-00-10	istat-10	14pr-10	may-10	Jun-10	z unitual-1
Plus CWIP Ending Balance	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	13,736,1
Less Book Depreciation Reserve	2,134,066	2,163,319	2,192,572	2,221,824	2,251,077	2,280,330	2,309,583	2,338,836	2,368,088	2,397,341	2,426,594	2,455,847	2,455,8
Less Accum Deferred Taxes	1,227,965	1,231,659	1,234,422	1,236,284	1,237,215	1,237,245	1,316,916	1,324,951	1,332,246	1,338,721	1,344,404	1,349,267	1,349,2
End Of Month Rate Base	10,374,077	10,341,130	10,309,115	10,278,000	10,247,816	10,218,533	10,109,610	10,072,322	10,035,774	10,000,046	9,965,111	9,930,995	9,930,9
Average Rate Base (BOM/EOM)	10,391,016	10,357,604	10,325,122	10,293,557	10,262,908	10,233,174	10,164,071	10,090,966	10,054,048	10,017,910	9,982,578	9,948,053	10,176,7
21.1.2 (0.)													
Calculation of Return Plus Debt Return	19,570	19,507	19,446	19,386	19,328	19,272	19,142	19,005	18,935	18,867	18,801	18,735	229,9
Plus Debt Return Plus Equity Return	19,570 45,894	19,507 45,746	19,446 45,603	19,386 45,463	19,328 45,328	19,272 45,197	19,142 44,891	19,005 44,568	18,935 44,405	18,867 44,246	18,801 44,090	18,735 43,937	229,9
Fotal Return	45,894 65,463	45,/46 65,253	45,603	45,463	45,528 64,656	45,197	64,034	63,573	63,341	63,113	62,890	43,937	539,
	05,105	لاصفوفات	5540 10	51,017	5 1,000	51,105	0 1,00 1	0.1000		555115	34,070		, o 2 <sub>3</sub> .
ncome Statement Items													
	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	22,532	270,
Plus Property Taxes	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	29,253	351,0
Plus Property Taxes Plus Book Depreciation	29,255												
Plus Book Depreciation Plus Deferred Taxes	10,962	10,962	10,962	10,962	10,962	10,962	9,647	9,647	9,647	9,647	9,647	9,647	123,0
Plus Book Depreciation Plus Deferred Taxes Plus Current Taxes	10,962 21,159	10,962 21,055	10,962 20,954	10,962 20,855	10,962 20,760	10,962 20,667	21,798	21,570	21,455	21,342	21,232	21,125	253,9
Plus Book Depreciation Plus Deferred Taxes Plus Current Taxes	10,962	10,962	10,962	10,962	10,962	10,962							253,
Plus Book Depreciation Plus Deferred Taxes	10,962 21,159	10,962 21,055	10,962 20,954	10,962 20,855	10,962 20,760	10,962 20,667	21,798	21,570	21,455	21,342	21,232	21,125	

Notes Updates to 2014-2015 balances approved in Docket No. G002/M-15-194 (2015 SEP Filing) result from (1) revised MN Composite Income Tax Rates based upon 2014 income tax returns, effective January 1, 2014, and (2) property tax update for 2015 based on ratio of actual paid taxes in 2015 and the value of property as of year-end 2013.

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

	1			1	,, <u>,</u>		,			
	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	747,645	936,634	1,078,616	1,223,340	1,349,267
End Of Month Rate Base	74,429	1,578,540	5,946,022	10,118,095	12,503,449	11,936,752	11,396,729	10,903,713	10,407,955	9,930,995
Average Rate Base (BOM/EOM)	3,101	1,241,969	4,103,512	8,400,586	12,097,994	12,216,681	11,663,492	11,140,189	10,664,088	10,176,751
Calculation of Return										
Plus Debt Return	103	38,829	120,101	233,763	303,346	278,611	261,249	250,103	239,928	229,995
Plus Equity Return	157	64,177	216,849	446,979	642,934	649,295	621,088	591,557	565,197	539,368
Total Return	260	103,005	336,950	680,742	946,280	927,907	882,336	841,660	805,125	769,362
Income Statement Items										
Plus Property Taxes	0	11,491	44,887	117,456	228,825	288,830	279,257	270,384	270,384	270,384
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	215,663	188,990	163,942	141,715	123,654
Plus Current Taxes	5	12,955	65,757	132,542	213,293	237,495	244,759	249,547	253,706	253,973
Total Income Statement Expense	188	88,613	304,858	655,489	1,010,722	1,093,022	1,064,039	1,034,906	1,016,838	999,045
Total Revenue Requirements	447	191,619	641,808	1,336,231	1,957,002	2,020,928	1,946,375	1,876,566	1,821,962	1,768,407
MN Jurisdictional Revenue Requirement	447	191,619	641,808	1,336,231	1,957,002	2,020,928	1,946,375	1,876,566	1,821,962	1,768,407

#### Notes

Updates to 2014-2015 balances approved in Docket No. G002/M-15-194 (2015 SEP Filing) result from (1) revised MN Composite Income Tax Rates based upon 2014 income tax returns, effective January 1, 2014 and (2) property tax update for 2015 based on ratio of actual paid taxes in 2015 and the value of property as of year end 2013.

## Gas Tracker Detail Cast Iron O&M Credit

	Part A: Derivation of the Annual Credit Amount	
1	Overall O&M Expenses (1)	\$ 39,980,000
2	Total Gas Distribution Main in Minnesota (miles)	8,864
3	Average Test Year O&M Expenses per Mile of Gas Distribution Main (Line 1/Line 2)	\$ 4,510
4	Potential Percentage Reduction in O&M Expenses Associated with Gas Cast Iron (2)	93.48%
5	Potential O&M Expense Associated with Gas Cast Iron Pipe to be Replaced per Mile (Line 3*Line 4)	\$ 4,216
6	Gas Cast Iron Pipe to be Replaced (miles)	25
7	Potential Annual O&M Expenses Reduction due to Gas Cast Iron Replacement (Line 5*Line 6)	\$ 105,408
┢	Part B: Derivation of the Recovery in Base Rates	
8	Miles replaced in 2009	5.0
9	Miles replaced in 2010	5.7
10	Total Miles reflected in reduced O&M in base rates (Line 8 + Line 9*50%)	7.9
11	Expense Reduction per line mile (Line 5)	\$ 4,216
12	Annual Credit reflected in base rates (Line 10*Line 11)	\$ 33,098
	Part C: Derivation of 2012 Credit	
13	Miles to be replaced in 2010	5.7
14	Miles to be replaced in 2011	7.6
15	Miles to be replaced in 2012	6.7
16	Total Miles included in 2012 SEP O&M Credit (Lines 13*50% + Line 14 + Line 15)	17.2
17	Expense Reduction per line mile (Line 5)	\$ 4,216
18	SEP O&M Credit in 2012 (Line 16*Line 17)	\$ 72,310
┢	Part D: Reconciliation	
19	Credit reflected in base rates (Line 12)	\$ 33,098
20	SEP O&M Credit in 2012 (Line 18)	\$ 72,310
21	Potential Expense Reduction (Line 7) = Recovery in Base Rates (Line 12) + 2012 Credit (18)	\$ 105,408

Notes:

(1) Docket No. G002/GR-09-1153

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%. As of 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 and beyond, since all replacement work has been completed.

												Gas Tracker De	etail											
									Rev	enue Collect	ion	s (SEP Rider F	iscal Period Ju	ly -	June)									
					А	ctual Rever	nues	Through I	Dece	mber 2015 a	nd	Forecast Reven	ues (Therm Sa	ales	* Gas Facto	or) t	through June	201	18					
													•											
2011 Rider Year		Jul-11	A	ug-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	A	ug-12		Sep-12		Oct-12		Nov-12		Dec-12	Jan-13		Feb-13		Mar-13		Apr-13		May-13	Jun-13		Total-12
		Actual	1	Actual		Actual		Actual		Actual		Actual	Actual		Actual		Actual		Actual		Actual	Actual		
Revenue Collections	\$	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
2013 Rider Year		Jul-13	A	ug-13		Sep-13		Oct-13		Nov-13		Dec-13	Jan-14		Feb-14		Mar-14		Apr-14		May-14	Jun-14		Total-13
		Actual	1	Actual		Actual		Actual		Actual		Actual	Actual		Actual		Actual		Actual		Actual	Actual		
Revenue Collections	\$	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
2014 Rider Year		Jul-14	A	ug-14		Sep-14		Oct-14		Nov-14		Dec-14	Jan-15		Feb-15		Mar-15		Apr-15		May-15	Jun-15		Total-14
		Actual	1	Actual		Actual		Actual		Actual		Actual	Actual		Actual		Actual		Actual		Actual	Actual		
Revenue Collections	\$	71,882	\$	56,922	\$	59,361	\$	82,810	\$	130,778	\$	1,385,934 \$	296,717	\$	255,530	\$	292,994	\$	189,378	\$	109,266 \$	97,752	\$	3,029,325
2015 Rider Year		Jul-15	A	ug-15		Sep-15		Oct-15		Nov-15		Dec-15	Jan-16		Feb-16		Mar-16		Apr-16		May-16	Jun-16		Total-15
		Actual	1	Actual		Actual		Actual		Actual		Actual	Forecast		Forecast		Forecast		Forecast		Forecast	Forecast		
Forecast Sales	5												151,347,521		127,600,780		100,230,036		74,754,079		46,886,782	44,755,872		
Rate	e												0.000724		0.000724		0.000724		0.000724		0.000724	0.000724		
Revenue Collections	\$	97,466	\$	85,412	\$	88,900	\$	90,860	\$	132,683	\$	161,745 \$	109,576	\$	92,383	\$	72,567	\$	54,122	\$	33,946 \$	32,403	\$	1,052,062
2016 Rider Year		Jul-16	A	ug-16		Sep-16		Oct-16		Nov-16		Dec-16	Jan-17		Feb-17		Mar-17		Apr-17		May-17	Jun-17		Total-16
		Forecast		orecast		Forecast		Forecast		Forecast		Forecast	Forecast		Forecast		Forecast		Forecast		Forecast	Forecast		
Forecast Sales		48,921,048		46,190,145		39,006,343		63,710,909		92,274,518		129,133,880	147,264,864		125,910,182		104,139,841		67,097,227		52,209,232	45,452,807		961,310,996
Rate	e	0.001368		0.001368		0.001368		0.001368		0.001368		0.001368	0.001368		0.001368		0.001368		0.001368		0.001368	0.001368		
Revenue Collections	\$	66,924	\$	63,188	\$	53,361	\$	87,157	\$	126,232	\$	176,655 \$	201,458	\$	172,245	\$	142,463	\$	91,789	\$	71,422 \$	62,179	\$	1,315,073
2017 Rider Year		Jul-17	A	ug-17		Sep-17		Oct-17		Nov-17		Dec-17	Jan-18		Feb-18		Mar-18		Apr-18		May-18	Jun-18		Total-17
		Forecast	F	orecast		Forecast		Forecast		Forecast		Forecast	Forecast		Forecast		Forecast		Forecast		Forecast	Forecast		
Forecast Sales Rate		45,215,131 0.001839		48,414,825 0.001839		38,151,655 0.001839		60,712,719 0.001839		88,698,776 0.001839		129,594,549 0.001839	146,048,781 0.001839		122,998,575 0.001839		105,898,009 0.001839		62,563,185 0.001839		47,947,283 0.001839	43,135,126 0.001839		939,378,616
	.e \$		¢		¢		ŝ		é		¢			\$		¢		é		é		79,325	é	1,727,517
Revenue Collections	ð	83,151	φ	89,035	Þ	70,161	ð	111,651	ð	163,117	\$	238,324 \$	268,584	φ	226,194	Þ	194,746	ð	115,054	ð	88,175 \$	19,325	à	1,727,517

Base Assumptions - Gas Cast Iron Pipe										
Capital Structure		Actual 2014			Actual 2015			Budget 2016		
Capital Structure	Percent		Weighted Cost	Percent		Weighted Cost	Percent	0	Weighted Cost	
Long Term Debt %	45.47%	4.89%	2.22%	46.15%	4.85%	2.24%	46.24%	4.81%	2.22%	
Short Term Debt %	1.66%	0.65%	0.01%	1.09%	0.93%	0.01%	1.26%	1.84%	0.02%	
Preferred Stock %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Common Stock %	52.87%	10.09%	5.33%	52.76%	10.09%	5.32%	52.50%	10.09%	5.30%	
	100.00%	-	7.56%	100.00%		7.57%	100.00%	-	7.54%	
Income Tax Rates										
		2014	2015	2016			2014	2015	2016	
Income Tax Rates	MN Jur	9.8000%	9.8000%	9.8000%		Federal	35.0000%	35.0000%	35.0000%	
MN Composite Income Tax Rate	MN Jur	41.3700%	41.3700%	41.3700%		MN Co	40.8029%	40.7980%	40.7980%	
Property Tax Rates										
				2014	2015	2016				
Property Tax Rate = Goodhue	100.00	% Taxable		1.820%	1.743%	1.743%				
Property Tax Rate = Ramsey	100.00	% Taxable		2.166%	2.027%	2.027%				
Property Tax Rate = Rice	100.00	% Taxable		1.658%	1.715%	1.715%				
Property Tax Rate = Stearns	100.00	% Taxable		1.839%	1.825%	1.825%				
Property Tax Rate = Washington	100.00	% Taxable		1.911%	1.785%	1.785%				
Property Tax Rate = Winona	100.00	% Taxable		1.545%	1.486%	1.486%				
State of MN Allocator										
Gas Distribution			Minnesota							
		Total	Company	Minnesota						
Direct Assigned - Minnesota		100.00000%	100.0000%	100.0000%						

Docket No. G002/M-16-\_\_\_ 2016 SEP Petition Attachment F Page 1 of 3

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 <u>No.</u>		Unadjusted	Projected Gas <u>Storage</u>	Rate Case	CIAC 2007 Rate Case Adjustment	Rate Case	SEP Rider <u>Adjustment</u>	New Area Surcharge	Income Statement	Adjusted
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	Gas Plant as Booked									
1	Production	\$15,537								\$15,537
2	Storage	\$30,880								\$30,880
3	Transmission	\$63,410								\$63,410
4	Distribution	\$739,803		(\$2,366)	(\$82)	(\$105)	(\$3,261)			\$733,991
5	General	\$33,543								\$33,543
6	Common	\$62,221								\$62,221
7	TBT Investment	\$0								\$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		\$38,987								\$38,987
19		\$406,119		(\$1,901)	(\$72)	(\$103)	(\$3,213)	\$1,036		\$401,867
20		\$20,976								\$20,976
21	Common	\$20,345								\$20,345
22		\$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 corpora Gas Operations - State of Minnesota INCOME STATEMENT SCHEDULES INCOME STATEMENT ADJUSTMENT SCHEDULES 2010 Unadjusted Test Year versus 2010 Adjusted Test (\$000*)											G002/GR-09-1153 I-1), Schedule 3A Page 2 of 3
Line	2010 Unadjusted(1)	Projected Gas Storage Adjustment 1	CIAC 2004 Rate Case Adjustment 2	CIAC 2007 Rate Case Adjustment 3	CIAC 2010 Rate Case Adjustment 4	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
Operating Revenues     Retail     Weather Impact Net Margin Adjustment     Interdepartmental & Transportation     Other Operating     Gross Earnings Tax	\$580,760 0 9,050 5,382 0					(\$269)					
Close Learning area     Constant of the second	\$595,192 \$426,919 4,305 1,261 28,447	\$0	\$0	\$0	\$0	(\$269)	\$0	\$0	\$0	\$0	\$0
11         Customer Accounting           12         Customer Service & Information           13         Administrative & General           14         Sales, Econ Dvlp & Other           15         Total Operating Expenses	15,700 14,896 17,213 47 \$508,787	\$0	\$0	\$0	\$0	\$0	\$0	153	16	(254) (19) (\$273)	(2)
16 Depreciation 17 Amortizations	\$32,877 (99)		(\$72)	(\$3)	(\$3)	(\$70) 99	\$128				
Taxes: 18 Property 19 Gross Earnings 20 Deferred Income Tax & ITC 21 Federal & State Income Tax	\$12,798 0 2,764 6.511	(07)	6 42	(1) 3	(1) 4	(\$22) (70)	(52)	(0)	(7)	113	
21 Federal & State Income Tax 22 Payroll & Other 23 Total Taxes	1,946	(27)	\$48	3 		(4)	(13)	(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           28         Require Operating Inc (RB * Req Return)           29         Operating Income           30         Operating Income Deficiency           31         Revenue Requirement	\$441,783 \$38,877 \$30,022 \$8,855 \$15,103	\$2,133 \$188 \$27 \$161 \$275	(\$1,428) (\$126) \$24 (\$150) (\$256)	(\$69) (\$6) \$1 (\$7) (\$12)	(\$102) (\$9) \$0 (\$9) (\$16)	(\$3,161) (\$278) (\$202) (\$76) (\$130)	\$1,062 \$93 (\$63) \$156 \$266	\$0 \$0 (\$90) \$90 \$153	\$0 \$0 (\$9) \$9 \$16	\$0 \$0 \$160 (\$160) (\$273)	\$0 \$0 \$1 (\$1) (\$2)
Schedule M Items Tax Additions Rate Base Adjustment Cost of Debt Tax Rate	42,771 136 441,783 3.03% 0.4137	2,133 3.03% 0.4137	(58) - (1,428) 3.03% 0.4137	(5) - (69) 3.03% 0.4137	(6) (102) 3.03% 0.4137	(240) - (3,161) 3.03% 0.4137	- 1,062 3.03% 0.4137	- - 3.03% 0.4137	- - 3.03% 0.4137	- - 3.03% 0.4137	- - 3.03% 0.4137
Calculation of Federal And State Income Tax Operating Revenue Less Operating Expenses Operating Income before Adjustments Additions to Income Deductions from Income Debt Synchronization Operating Income After Adjustments Federal & State Income Tax	595,192 508,787 86,405 136 57,416 13,386 15,739 6,511	0 0 0 65 (65) (27)	0 0 (58) (43) 101 42	0 0 (5) (2) 7 3	0 0 (6) (3) 9 4	(269) 0 (269) 0 (163) (96) (10) (4)	0 0 0 0 32 (32) (13)	0 153 (153) 0 0 0 (153) (63)	0 16 (16) 0 0 0 (16) (7)	0 (273) 273 0 0 0 273 113	0 (2) 2 0 0 0 0 2 1

Gas O INCON INCON	ern States Power Company, a Minnesota corpora perations - State of Minnesota ME STATEMENT SCHEDULES ME STATEMENT ADJUSTMENT SCHEDULES Inadjusted Test Year versus 2010 Adjusted Test										No. G002/GR-09-1153 AEH-1), Schedule 3A Page 3 of 3
(\$000' Line <u>No.</u>		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 19	2010 Adjusted(1)
1	Operating Revenues Retail					(0.000)					6574 005
2	Retail Weather Impact Net Margin Adjustment					(9,286)					\$571,205 0
3	Interdepartmental & Transportation										9,050
4 5	Other Operating Gross Earnings Tax						(1,027)				4.355
	Total Operating Revenues	\$0	\$0	\$0	\$0	(\$9,286)	(\$1,027)	\$0	\$0	\$0	\$584,610
ļ	Expenses										
7	Operating Expenses: Purchased Gas										\$426,919
8	Other Production										4.305
9	Transmission										1,261
10	Distribution				(00)						28,447
11 12	Customer Accounting Customer Service & Information				(20)	(9,286)					15,680 5,610
13	Administrative & General	(625)	(108)	236		(0,200)					16,629
14	Sales, Econ Dvlp & Other	(2000)	(0.100)		(0.0.0)	(40.000)		3			31
15	Total Operating Expenses	(\$625)	(\$108)	\$236	(\$20)	(\$9,286)	\$0	\$3	\$0	\$0	\$498,882
16 17	Depreciation Amortizations								532		\$32,857 532
	Taxes:										
18 19	Property Gross Earnings										\$12,776 0
20	Deferred Income Tax & ITC										2,646
21	Federal & State Income Tax	259	45	(98)	8	0	(425)	(1)	(220)	(5)	6,122
22 23	Payroll & Other Total Taxes	\$259	\$45	(\$98)	\$8	\$0	(\$425)	(\$1)	(\$220)	(\$5)	1,946 \$23,490
24	Total Expenses	(\$366)	(\$63)	\$138	(\$12)	(\$9,286)	(\$425)	\$2	\$312	(\$5)	\$555,761
25	Allowance for Funds Used During Construction										\$414
	Total Operating Income	\$366	\$63	(\$138)	\$12	\$0	(\$602)	(\$2)	(\$312)	\$5	\$29,263
20		4000		(\$130)	<u></u>		(\$002)	(42)	(\$312)		929,205
	Revenue Requirement										
27	Total Rate Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$379	\$440,597
28 29	Require Operating Inc (RB * Reg Return)	\$0	\$0	\$0	\$0 \$12	\$0 \$0	\$0	\$0	\$0	\$33	\$38,773
29 30	Operating Income Operating Income Deficiency	\$366 (\$366)	\$63 (\$63)	(\$138) \$138	(\$12)	\$0 \$0	(\$602) \$602	(\$2) \$2	(\$312) \$312	\$5 \$28	\$29,263 \$9,510
	Revenue Requirement	(\$625)	(\$108)	\$236	(\$12)	\$0	\$1,027	\$3	\$532	\$48	\$16,220
	ule M Items										
	dditions lase Adjustment			-						- 379	- 440,597
Cost o		- 3.03%	3.03%	- 3.03%	3.03%	3.03%	3.03%	- 3.03%	3.03%	3.03%	440,597
Tax Ra		0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137	0.4137
Calcul	ation of Federal And State Income Tax										
Jaioui	Operating Revenue	0	0	0	0	(9,286)	(1,027)	0	0	0	584,610
	Less Operating Expenses	(625)	(108)	236	(20)	(9,286)	0	3	0	0	498,882
	Operating Income before Adjustments Additions to Income	625 0	108 0	(236)	20 0	0	(1,027)	(3) 0	0	0	85,728 0
	Deductions from Income	0	0	0	0	0	0	0	532	0	14,722
	Debt Synchronization	0	0	0	0	0	0	0	0	11	13,350
	Operating Income After Adjustments	625	108	(236)	20	0	(1,027)	(3)	(532)	(11)	57,656

# **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 2016 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, 2017. 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 2016 book depreciation reserve for the natural gas Cast Iron Pipe Replacement project, the \$2,104,813 shown on Attachment D2 of this filing reflect the amount of the plant in service that has been recovered as of June 30, 2017, 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 2016 accumulated deferred taxes for the natural gas Cast Iron Pipe Replacement project, the \$1,223,340 shown on Attachment D2 of this filing reflects the accumulation of tax timing differences between book and tax depreciation through June 2017, which results in a decrease to rate base. The ADIT deduction from rate base has been developed in accordance with IRS tax regulation Sec. 1.167(l). The regulation requires the use of a pro-rate schedule for accumulated deferred income taxes used to reduce rate base to comply with

the tax normalization requirements of the Code when forecast information is used to set rates. Standard ratemaking methodology calls for the exclusion of this timing related asset in the determination of rate base.

## 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 2016 debt return for the natural gas Cast Iron Pipe Replacement project, the \$239,928 shown on Attachment D2 of this filing reflect the amount of debt return the Company is allowed for July 2016 - June 2017 based on the overall cost of capital approved.

**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 2016 equity return for the Gas natural gas Cast Iron Pipe Replacement project, the \$565,197 shown on Attachment D2 of this filing reflect the amount of return on equity the Company is allowed for July 2016 - June 2017 based on the overall cost of capital. The return on equity was 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 2016 property tax amount for the natural gas Cast Iron Pipe Replacement project, the \$270,384 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 2016 for the plant in service as of December 31, 2016, plus one-half of calendar year 2017. We reflect one half of

each year, since the 2016-2017 SEP period is split evenly across both calendar periods.

**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 2016 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 2016 - June 2017 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 2016 deferred taxes for the natural gas Cast Iron Pipe Replacement project, the \$141,715 shown on Attachment D2 reflects the July 2016 - June 2017 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 2016 current taxes for the natural gas Cast Iron Pipe Replacement project, the \$ 253,706 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: 2014 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): 48339.4

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 4205068.4 **Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0 **Cogeneration Unit Emissions Indicator:** N

GHG Report Start Date: 2014-01-01

GHG Report End Date: 2014-12-31

**Description of Changes to Calculation Methodology:** 

Did you use BAMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013? N 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	<b>Other Gas Name</b>	Gas Quantity	<b>Own Result?</b>
Methane		1911.53 (Metric Tons)	
Nitrous Oxide		0.001 (Metric Tons)	
Carbon Dioxide		550.9 (Metric Tons)	

### SubpartWSummaryDetails:

Industry Segment	Number	8

Industry Segment Name	Natural gas distribution [98.230(a)]
Annual throughput [98.236(d)] Gaseous Throughput (MMscf)	92853.534
Annual throughput [98.236(d)] Liquid Throughput (thousand barrels)	0
Total Reported CO2 Emissions (mt CO2)	550.9
Total Reported CH4 Emissions (mt CO2e)	47788.3
Total Reported N2O Emissions (mt CO2e)	0.3
Total Reported Emissions (mt CO2e)	48339.5

SubpartWSourceReportingFormRowDetails:

Subpartwood cerceporting of fincow Details.	
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)	Page 3 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 Well Completions and 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 Page 4 of	
Total Reported N2O Emissions (mt CO2e)	0.0	
Total Reported Emissions (mt CO2e)	0.0	
Source Reporting Form	Centrifugal Compressors [98.236(c (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)	57.6	
Total Reported CH4 Emissions (mt CO2e)	47788.1	
Total Reported N2O Emissions (mt CO2e)	N/A	
Total Reported Emissions (mt CO2e)	47845.7	
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	

	Page 5 of 2 Distribution Combustion Emissions [98.236(c)(19)]	
Required for Selected Industry Segment	Yes	
Total Reported CO2 Emissions (mt CO2)	493.3	
Total Reported CH4 Emissions (mt CO2e)	0.2	
Total Reported N2O Emissions (mt CO2e)	0.3	
Total Reported Emissions (mt CO2e)	493.8	
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:

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

ComponentCountMethodologyOneRowDetails:

ComponentCountmethodologyOneRowDetails:	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater

Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	Page 6 o
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	

## LocalDistributionCompaniesDetails:

	-
mt CO2	57.6
mt CH4 (mt CO2e)	47788.1
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	47845.7
Were BAMM used for any parameters to calculate	No
GHG emissions? [98.3(c)(7)]	
Provide a brief description of the BAMM used,	N/A
parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any	No
parameters to calculate GHG emissions? [98.235]	
Total number of above grade T-D transfer stations	42
[98.236(c)(16)(i)]	
Number of years over which all T-D transfer stations will be monitored at least once [98.236(c)(16)(ii)]	2
Number of T-D stations monitored in calendar year [98.236(c)(16)(iii)]	39
Total number of below grade T-D transfer stations	
[98.236(c)(16)(iv)]	16
Total number of above grade metering-regulating	
stations (this count will include above grade T-D	232
transfer stations) [98.236(c)(16)(v)]	
Total number of below grade metering-regulating	
stations (this count will include below grade T-D	74
transfer stations) [98.236(c)(16)(vi)]	
Annual CO2 emissions from all above grade T-D	
transfer stations combined (mt CO2) [98.236(c)(16)	0.0
(xvii)]	
Annual CH4 emissions from all above grade T-D transfer stations combined (mt CO2e) [98.236(c)(16)]	0.0
(xvii)]	0.0
Annual CO2 emissions from all below grade T-D	
transfer stations combined (mt CO2) [98.236(c)(16)	0.0
(xviii)]	
Annual CH4 emissions from all below grade T-D	
transfer stations combined (mt CO2e) [98.236(c)(16)	13.5
(xviii)]	
Annual CO2 emissions from all above grade metering-	
regulating stations (including T-D transfer stations)	0.0
combined (mt CO2) [98.236(c)(16)(xix)]	
Annual CH4 emissions from all above grade metering-	
regulating stations (including T-D transfer stations)	0.0
combined (mt CO2e) [98.236(c)(16)(xix)]	0.1
	0.1
I	l

	Dage 7 of 21
Annual CO2 emissions from all below grade metering- regulating stations (including T-D transfer stations) combined (mt CO2) [98.236(c)(16)(xx)]	Page 7 of 21
Annual CH4 emissions from all below grade metering- regulating stations (including T-D transfer stations) combined (mt CO2e) [98.236(c)(16)(xx)]	47.5
Annual CO2 emissions from all distribution mains combined (mt CO2) [98.236(c)(16)(xxi)]	50.3
Annual CH4 emissions from all distribution mains combined (mt CO2e) [98.236(c)(16)(xxi)]	41753.8
Annual CO2 emissions from all distribution services combined (mt CO2) [98.236(c)(16)(xxii)]	7.2
Annual CH4 emissions from all distribution services combined (mt CO2e) [98.236(c)(16)(xxii)]	5986.8
Leak factor for meter/regulator run developed in Equation W-32 of §98.233 [98.236(c)(16)(viii)]	0
Number of miles of unprotected steel distribution mains (W-31) [98.236(c)(16)(ix)]	36
Number of miles of protected steel distribution mains $(W-31) [98.236(c)(16)(x)]$	952
Number of miles of plastic distribution mains (W-31) [98.236(c)(16)(xi)]	8092
Number of miles of cast iron distribution mains (W- 31) [98.236(c)(16)(xii)]	0
Number of unprotected steel distribution services (W- 31) [98.236(c)(16)(xiii)]	4716
Number of protected steel distribution services (W- 31) [98.236(c)(16)(xiv)]	5848
Number of plastic distribution services (W-31) [98.236(c)(16)(xv)]	389841
Number of copper distribution services (W-31) [98.236(c)(16)(xvi)]	699

CombustionEmissionsDetails:

mt CO2	493.3
mt CH4 (mt CO2e)	0.2
mt N2O (mt CO2e)	0.3
Total Emissions (mt CO2e)	493.8
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)]	N/A
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

ExternalFuelHeatCapacityLessThanSpecifiedValueRowDetails:

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

Number of Units [98.236(c)(19)(i)]

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)]	493.3	
CH4 Emissions (mt CO2e) [98.236(c)(19)(iii)]	0.2	
N2O Emissions (mt CO2e) [98.236(c)(19)(iii)]	0.3	

## ExternalFuelTypeHeatCapacityGreaterThanSpecifiedValueRowDetails:

Type of fuel combusted [98.236(c)(19)(iv)]	Pipeline gas
Cumulative volume of fuel combusted [98.236(c)(19) (iv)]	9062000
Fuel Volume Units [98.236(c)(19)(iv)]	std. cubic ft

# Subpart NN: Suppliers of Natural Gas and Natural Gas Liquids

## **Gas Information Details**

Gas Name	Gas Quantity	Own	<b>Result?</b>
Carbon Dioxide 4205068.4 (Metric Tons)			

Name	Value	Times Substituted
AnnualVolumeGasReceived	92853534 (Mscf)	0
Industry Standard for Volume:		
Industry standard practices		
Other Industry Standard for Volume:		

NameValueTimes SubstitutedAnnualVolumeGasStored858707 (Mscf)0

NameValueTimes SubstitutedAnnualVolumeLNGforDelivery1153864 (Mscf)0

NameValueTimes SubstitutedAnnualVolumeGasfromStorageforDelivery0 (Mscf)0

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

Name	Value	Times Substituted
AnnualVolumeGasBypassedCityGate	0 (Mscf)	0

Т

Name	Value	<b>Own Result?</b>
NN1CO2MassTotal	5054905.5 (Metric Tons)	N

Name	Value	<b>Own Result?</b>
NN3CO2MassTotal	0 (Metric Tons)	N

Name	Value	<b>Own Result?</b>
NN4CO2MassTotal	865893.6 (Metric Tons)	N

Name	Value	<b>Own Result?</b>
NN5aCO2MassTotal	-16056.5 (Metric Tons)	Ν

Name	Value	<b>Own Result?</b>
NN5bCO2MassTotal	0 (Metric Tons)	N

NN1 Equation Details:

Name	Value	Times Substituted
DevelopedHHV	1.026 (MMBtu/Mscf)	

Name	Value	<b>Times Substituted</b>
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)	

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, 684369 EIA Number: Total quantity of natural gas reported is the total quantity delivered to: Large end -user's facility Name Value

ITai		value	
Ann	ualVolumeGasDeliveredtoMeter	695863	(Mscf)

Name: St Paul Park Refining Co Address: 360 3rd Ave, St Paul Park, MN, 55071 Meter Number: 10007438, 711401, 712496 EIA Number: Total quantity of natural gas reported is the total quantity delivered to: Large end -user's facility

Name	Value	
AnnualVolumeGasDeliveredtoMeter	4857267 (Ms	scf)

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 2256003	(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	
AnnualVolumeGasDeliveredtoMeter	504578	(Mscf)

Name: High Bridge Combined Cycle Plant

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

Meter Number: 925955, 684727

EIA Number: 1912

Total quantity of natural gas reported is the total quantity delivered to: Large end -user's facility

Name	Value
AnnualVolumeGasDeliveredtoMeter	7130619.935 (Mscf)

Name: UNIVERSITY OF MINNESOTA

Address: 1952 COMMONWEALTH AVE, FALCON HEIGHTS, MN, 55108 Meter Number: 457488, 628573 EIA Number: Total quantity of natural gas reported is the total quantity delivered to: Large end -user's facility Name Value AnnualVolumeGasDeliveredtoMeter 472830 (Mscf)

## NG Delivery Details

Name: Residential consumers	
Name	Value
VolumeofNaturalGas	40552201 (Mscf)

Name: Commercial consumers

 Name
 Value

 VolumeofNaturalGas
 22227846 (Mscf)

Name: Industrial consumers

 Name
 Value

 VolumeofNaturalGas
 24632221 (Mscf)

Name: Electricity generating facilitie	
Name	Value
VolumeofNaturalGas	7726658 (Mscf)

# Subpart W: Petroleum and Natural Gas Systems -Reporting Years 2011, 2012 and 2013 Deferred Data

## SubpartWDeferredSummaryDetails:

Industry Segment Number	8
Industry Segment Name	Natural gas distribution [98.230(a)(8)]
Reporting Period:	2011
Location and name of original Subpart W Form	C:\Users\HRMJ07 \Desktop\eGGRTSubWDeferred\RY11_13 Sub W Reports\2011 Subpart+W+Integrated+Reporting+Form_NSPM.xls
Total Reported Emissions (mt CO2e)	47596.2

## DeferredPneumaticDeviceVentingDetails:

Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	

DeferredPneumaticDeviceTypesRowDetails:

/1	
Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236	
(c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236 (c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236	
(c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	

DeferredDehydratorsDetails:

Does the Facility have any dehydrators subject to	
reporting under 98.232?	

## DeferredGlycolDehydratorsLessThanSpecifiedValueRowDetails:

Vapor Recovery Dehydrator Vents to Flares
Dehydrator Vents to Flares
Regenerator fire-box/fire tubes
R

What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	No Vent Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Other / Multiple Vent Gas Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	

## DeferredCentrifugalCompressorsDetails:

Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	No
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

## DeferredOtherEmissionsFromEquipmentLeaksDetails:

Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
---	-----

## DeferredComponentCountMethodologyOneRowDetails:

DeferredComponentCountMethodologyOneRowDetails:	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater

Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	Page 14 of
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	

DeferredLocalDistributionCompaniesDetails:

Annual CH4 emissions from all above grade metering- regulating stations (including T-D transfer stations) combined (mt CO2e) [98.236(c)(16)(xix)]	21.3
Leak factor for meter/regulator run developed in Equation W-32 of §98.233 [98.236(c)(16)(viii)]	
Number of miles of unprotected steel distribution mains (W-31) [98.236(c)(16)(ix)]	
Number of miles of protected steel distribution mains $(W-31) [98.236(c)(16)(x)]$	
Number of miles of plastic distribution mains (W-31) [98.236(c)(16)(xi)]	
Number of miles of cast iron distribution mains (W- 31) [98.236(c)(16)(xii)]	
Number of unprotected steel distribution services (W- 31) [98.236(c)(16)(xiii)]	
Number of protected steel distribution services (W- 31) [98.236(c)(16)(xiv)]	
Number of plastic distribution services (W-31) [98.236(c)(16)(xv)]	
Number of copper distribution services (W-31) [98.236(c)(16)(xvi)]	

## DeferredCombustionEmissionsDetails:

Does the Facility have combustion emissions subject to reporting under 98.232?	Yes

## DeferredExternalFuelTypeHeatCapacityGreaterThanSpecifiedValueRowDetails:

Type of fuel combusted [98.236(c)(19)(iv)]	Pipeline gas
Cumulative volume of fuel combusted [98.236(c)(19) (iv)]	13264000
Fuel Volume Units [98.236(c)(19)(iv)]	std. cubic ft

## SubpartWDeferredSummaryDetails:

Industry Segment Number	8
Industry Segment Name	Natural gas distribution [98.230(a)(8)]
Reporting Period:	2012
	C:\Users\HRMJ07\Desktop\eGGRTSubWDeferred\RY11_13 Sub W Reports\Subpart+W+Integrated+Reporting+Form_NSPM_2012.xls

Total Reported	45427.3	Page
Emissions (mt CO2e)		

DeferredPneumaticDeviceVentingDetails:

Does the Facility have any continuous high-bleed	
pneumatic devices subject to reporting under 98.232?	
Does the Facility have any intermittent bleed	
pneumatic devices subject to reporting under 98.232?	
Does the Facility have any continuous low-bleed	
pneumatic devices subject to reporting under 98.232?	

DeferredPneumaticDeviceTypesRowDetails:

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Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236 (c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236 (c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236 (c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	

DeferredDehydratorsDetails:

Does the Facility have any dehydrators subject to	
reporting under 98.232?	

DeferredGlycolDehydratorsLessThanSpecifiedValueRowDetails:

What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Vapor Recovery
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Dehydrator Vents to Flares
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	

	Page 16 of 21
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Regenerator fire-box/fire tubes
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	No Vent Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Other / Multiple Vent Gas Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	

## DeferredCentrifugalCompressorsDetails:

Deren edeentin agareempressors Detailor	
Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Νο
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

## DeferredOtherEmissionsFromEquipmentLeaksDetails:

Does the facility have any equipment leaks subject to reporting under 98.232?	Yes

## DeferredComponentCountMethodologyOneRowDetails:

Bereine de componente counter rechouclogy chercompetanos.	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	

Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors Page 17 of
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	

DeferredLocalDistributionCompaniesDetails:

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
Leak factor for meter/regulator run developed in Equation W-32 of §98.233 [98.236(c)(16)(viii)]	
Number of miles of unprotected steel distribution mains (W-31) [98.236(c)(16)(ix)]	
Number of miles of protected steel distribution mains $(W-31) [98.236(c)(16)(x)]$	
Number of miles of plastic distribution mains (W-31) [98.236(c)(16)(xi)]	
Number of miles of cast iron distribution mains (W- 31) [98.236(c)(16)(xii)]	
Number of unprotected steel distribution services (W- 31) [98.236(c)(16)(xiii)]	
Number of protected steel distribution services (W- 31) [98.236(c)(16)(xiv)]	
Number of plastic distribution services (W-31) [98.236(c)(16)(xv)]	
Number of copper distribution services (W-31) [98.236(c)(16)(xvi)]	

## DeferredCombustionEmissionsDetails:

Does the Facility have combustion emissions subject to reporting under 98.232?	Yes
--	-----

## DeferredExternalFuelTypeHeatCapacityGreaterThanSpecifiedValueRowDetails:

Type of fuel combusted [98.236(c)(19)(iv)]	Pipeline gas
Cumulative volume of fuel combusted [98.236(c)(19) (iv)]	8531000
Fuel Volume Units [98.236(c)(19)(iv)]	std. cubic ft

## SubpartWDeferredSummaryDetails:

Industry Segment Number	8
Industry Segment Name	Natural gas distribution [98.230(a)(8)]
Reporting Period:	2013
Location and name of original Subpart W Form	C:\Users\HRMJ07 \Desktop\eGGRTSubWDeferred\RY11_13 Sub W Reports\2013NSP Subpart+W+Integrated+Reporting+Form+MN+FINAL.xls
Total Reported Emissions (mt CO2e)	48393.8

## DeferredPneumaticDeviceVentingDetails:

Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	

#### DeferredPneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices			
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]				
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236				
(c)(1)(iii)				
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)				
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices			
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]				
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236 (c)(1)(iii)				
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)				
Type of Pneumatic Device	Low-Bleed Pneumatic Devices			
Total CH4 Emissions (mt CO2e) [98.236(c )(1)(iv)]				
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236				
(c)(1)(iii)				
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)				

## DeferredDehydratorsDetails:

Does the Facility have any dehydrators subject to	
reporting under 98.232?	

DeferredGlycolDehydratorsLessThanSpecifiedValueRowDetails:

What Vent Gas Controls Used [98.236(c)(4)(ii)(B)] Vapor Recovery

	Page 19 of 2
Total CH4 Emissions from Venting (mt CO2e) [98.236	
(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Dehydrator Vents to Flares
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Regenerator fire-box/fire tubes
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	No Vent Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Other / Multiple Vent Gas Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236 (c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236 (c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii) (A)]	

## DeferredCentrifugalCompressorsDetails:

Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	No
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

## DeferredOtherEmissionsFromEquipmentLeaksDetails:

Does the facility have any equipment leaks subject to	No
reporting under 98.232?	

DeferredComponentCountMethodologyOneRowDetails:

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Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads Page 20 of 2
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236 (c)(15)(ii)(B)]	

DeferredLocalDistributionCompaniesDetails:

0.0

DeferredCombustionEmissionsDetails:

Т

Does the Facility have combustion emissions sub	ject Yes
to reporting under 98.232?	

 $Deferred {\sf External FuelTypeHeatCapacityGreaterThanSpecifiedValueRowDetails:}$ 

	Pipeline gas
Cumulative volume of fuel combusted [98.236(c)(19) (iv)]	8531000
Fuel Volume Units [98.236(c)(19)(iv)]	std. cubic ft

## **CERTIFICATE OF SERVICE**

I, SaGonna Thompson, 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
- $\underline{xx}$  electronic filing

## DOCKET NO. G002/M-15-194 MISCELLANEOUS NATURAL GAS SERVICE LIST

Dated this 1<sup>st</sup> day of March 2016

/s/

SaGonna Thompson

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