



March 26, 2015

—Via Electronic Filing—

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

RE: INITIAL FILING - CORRECTION

NEW AREA SURCHARGE RIDER TARIFF MODIFICATION

DOCKET NO. G002/M-15-195

Dear Mr. Wolf:

On March 2, 2015, Northern States Power Company, doing business as Xcel Energy, submitted to the Minnesota Public Utilities Commission the attached Petition for approval of modified tariffs reflecting the addition of proposed terms for an Extension Surcharge (ES) Rider to the existing the New Area Surcharge (NAS) Rider. We also seek Commission approval to bring Barnesville and Holdingford under the governance of the modified NAS and ES Riders tariff.

Upon review of the initial filing it was noted that Attachment A to this filing, Redlined and Clean Tariffs, was missing the tariff header and footer information. While only Attachment A had missing information, we resubmit the entire filing with this correction for your convenience.

Pursuant to Minn. Stat. §216.17, subd. 3, we have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on all parties on the attached service list. Please contact Pamela Gibbs at pamela.k.gibbs@xcelenergy.com or (612) 330-2889 or me at paul.lehman@xcelenergy.com or (612) 330-7529 if you have any questions regarding this filing.

Sincerely, /s/ Paul J Lehman Manager, Regulatory Compliance and Filings

Enclosures c: Service List

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

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

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF EXTENSION SURCHARGE PROVISIONS IN THE NEW AREA SURCHARGE RIDER TARIFF AND TO BRING BARNESVILLE AND HOLDINGFORD UNDER THE GOVERNANCE OF THE MODIFIED TARIFF DOCKET NO. G002/M-15-195

PETITION

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition for approval of modified tariffs reflecting the addition of proposed terms for an Extension Surcharge (ES) Rider to the existing the New Area Surcharge (NAS) Rider. We also seek Commission approval to bring Barnesville and Holdingford under the governance of the modified NAS and ES Riders tariff.

The Company proposes the ES provisions to address the new types of extension projects arising in our rural service territory. ES and NAS projects can be distinguished in two ways: the project's ownership and accounting treatment. When the Company owns the facilities, the project is under the NAS. Where a third party builds all or part of the transmission pipeline and we enter into a demand entitlement contract to pay for the construction of the pipeline, the project is under the ES. The proposed separate accounting methodologies, if approved, would apply to the ES and the NAS, as discussed further here.

In this filing, Xcel Energy seeks approval of

 modifications to our existing NAS Rider tariff to add new ES Rider terms, conditions, and accounting methodology;

- modifications to change the maximum term from fifteen to thirty years;
- minor modifications to use consistent terminology throughout the tariff; and
- our request to provide service to Barnesville and Holdingford under the governance of our proposed ES tariff on a going-forward basis.

SUMMARY OF FILING

A one-paragraph summary is attached to this filing pursuant to Minn. R. 7829.1300, subp. 1.

I. SERVICE ON OTHER PARTIES

Pursuant to Minn. R. 7829.1300, subp. 2, the Company has served a copy of this filing on the Office of the Attorney General – Antitrust and Utilities Division. A summary of the filing has been served on all parties on the enclosed service list.

III. GENERAL FILING INFORMATION

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

A. Name, Address, and Telephone Number of Utility

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

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

Alison Archer Assistant General Counsel 414 Nicollet Mall, 5th Floor Minneapolis, MN 55401 (612) 215-4662

C. Date of Filing

The date of this filing is March 2, 2015. The Company requests the Commission approve this Petition by June 1, 2015. Approval by this date would allow the

Company to market natural gas service to the communities and allow time for evaluation before the 2015-2016 winter heating season.

D. Statute Controlling Schedule for Processing the Filing

Minn. Stat. § 216B.16 subd. 1 requires 60-days notice to the Commission of a proposed tariff change. Under the Commission's rules, the proposed tariff change discussed in this Petition falls within the definition of a miscellaneous tariff filing under Minn. R. 7829.0100, subp. 11, since no determination of Xcel Energy's general revenue requirement is necessary.

E. Utility Employee Responsible for Filing

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

IV. MISCELLANEOUS INFORMATION

Pursuant to Minn. R. 7829.0700, the Company requests that the following persons be placed on the Commission's official service list for this proceeding:

Alison Archer

Assistant General Counsel

Xcel Energy

414 Nicollet Mall, 5th floor

Minneapolis, MN 55401

Alison.c.archer@xcelenergy.com

Tiffany Hughes

Records Analyst

Xcel Energy

414 Nicollet Mall, 7th Floor

Minneapolis, MN 55401

regulatory.records@xcelenergy.com

Any information requests in this proceeding should be submitted to Ms. Hughes at the Regulatory Records email address above.

V. DESCRIPTION AND PURPOSE OF FILING

A. Background

The NAS Rider was introduced in the 1990s to mitigate an adverse effect on existing customers where new gas service is brought to communities where it is not

economically justified. It recovers the Company's revenue deficiency from customers willing to pay more to receive natural gas service. The Company received approval for surcharging communities through the NAS Rider a number of times since it was initially approved by the Commission. The most recent of these requests was to provide natural gas service to the communities and surrounding areas of Barnesville, Holdingford, and Pillager. The Commission approved the Company's amended Petition following a substantive discussion regarding the appropriateness of the rate design and accounting mechanism where a third party is under contract to build and own the transmission pipeline for the new service, in lieu of the Company incurring capital costs.

The existing NAS Rider tariff is applied where the Company builds and owns the entire pipeline. The Commission's Order³ approved the surcharge proposal for Pillager and directed the Company to confer with the Department and Commission staff on cost recovery accounting applicable to Barnesville and Holdingford, because a third party was contracted for transportation facilities. In compliance with the Commission's Order, the Company, Commission staff and the Department conferred. The Company and the agencies came to an agreement on an accounting treatment for those two projects, which is reflected in the current accounting treatment for the Barnesville and Holdingford projects. The Company and the agencies determined at that time that these new projects would be described as "Extension Surcharge" projects and referred to accordingly in our tariff book and on customer bills.

Pursuant to these Barnesville and Holdingford discussions the Company makes this proposal for a new accounting treatment and a modified NAS tariff. The modifications include terms for service extension where a third party is contracted for the transportation facilities. The Company understands the outcome of these discussions to be general agreement on the proposed accounting treatment.

B. Proposal

As noted, we seek approval to modify our existing tariff to include ES Rider terms, conditions and accounting methodology. We also seek modifications to change the

¹ The Minnesota Legislature specifically authorized such rates in Minn. Stat. § 216B.16, subd. 13, enacted in 1992

² In the Matter of the Petition of Northern States Power Company for Approval of New Area Surcharge Riders for Barnesville, Holdingford, and Pillager. Docket No. G002/M-14-583.

³ Order Approving Surcharges and Requiring Compliance Filings, October 31, 2014. Docket No. G002/M-14-583.

maximum term from fifteen to thirty years and to use consistent terminology throughout the tariff. Finally, we request approval to provide service to Barnesville and Holdingford under the governance of our proposed ES tariff on a going-forward basis.

1. Amended NAS Rider Tariff

As mentioned above, following the resolution of Docket No. G002/M-14-583, the Company agreed that for further projects that involved a third party, we would file modifications to the existing NAS Rider tariff or a new rider tariff. With these proposed amendments to our existing NAS Rider tariff we are complying with that Commission direction. We note that our proposal modifies our existing tariff rather than introduces a new tariff to preserve the Company's separate accounting treatment for NAS Riders from the new ES Rider, but to bring these similar Rider treatments together in our Gas Rate Book.

We have proposed a number of changes throughout the NAS Rider tariff to add provisions for the ES Rider and update the tariff to current practices. We include as Attachment A our revised NAS tariff sheets in both redline and clean formats.

Here we propose modifications to our tariff which:

- Rename the tariff to "New Area Surcharge and Extension Surcharge Riders,"
- Standardize descriptions of the source for rate of return, equity rate, debt rate, etc. to be the "most recent natural gas general rate proceeding or other rate approved by the Commission,"
- Ensure statements are true for both NAS and ES projects, and
- Increase consistency in terminology.

More specific changes are described below by tariff section.

a. Rate section

We included definitions of NAS and ES projects. The NAS projects will continue to be defined as projects with pipeline entirely built and owned by the Company. The ES projects will allow for the recovery of pipeline supplier costs incurred from a third party in lieu of capital costs incurred by the Company in extending service to new communities.

b. Method section

In prior NAS projects, when a community was added to an existing project, we continued to charge the originally approved surcharge rates to existing and new customers. We are now proposing to reevaluate the model when a new community is added and determine if the addition of the new community can reduce the surcharge rates for existing customers. We propose to only change the surcharge rates if the rates would decrease by one percent or greater. We believe this is a reasonable threshold for making changes to the rate, as we balance the need for administrative efficiency against the ongoing accuracy of the actual revenue requirement. The proposal to lower the surcharge rates will be included in our petition to add the community.

We also have added "actual gas demand entitlement costs" to the list of variables that will be updated each year in the model.

c. Term section

The Company proposes a thirty-year maximum term for the NAS and ES Surcharge Riders. While we expect that most NAS and ES projects will continue to have terms around fifteen years, we believe that extra time could provide more flexibility for high expense projects and the ability to ease the payments over a longer horizon. We note that such a term is not without precedent, as the Commission approved a thirty-year maximum term for CenterPoint Energy in Docket No. G008/M-14-650.

We relocated the statement about the Company's assumption of risk for under recovery to the Expiration section because this provision addresses a risk generally identified upon contract expiration.

d. Expiration section

As designed, the NAS surcharge could end early if the model demonstrates that the revenue requirement for the project has been met ahead of schedule. The tariff modification clarifies that provision and extends the provision to ES projects.

As mentioned above, the Company intends to assume the risk for under recovery of expansion costs at the end of the project's term and not the end of the maximum term.

e. Area Surcharge Rider section

When the NAS tariff was originally approved, its rates were listed on Section No. 5, Sheet No. 44 of our Minnesota Gas Rate Book, MPUC No. 2 as "Rider No. 2." Since then, the Company has added a number of riders and lists the rates as a part of the rider itself instead of on one rider rate page. We propose to cease describing the rate listing as Rider No. 2 and to move NAS rate information to the end of the NAS and ES Riders tariff on Section No. 5, Sheet No. 51. The Company proposes this modification to better align with our tariff book's current structure.

Like the existing NAS Rider, the proposed ES Rider will collect revenue through a fixed monthly charge from the new gas customers in order to recover the total extension costs to the new community. The term of the ES Rider will coincide with the term of the underlying service contract agreed to by parties.

f. Revenue Requirements Model section

The Company proposes a series of modifications to the revenue requirements model presented in the tariff. ES revenues will first be applied as revenue to expenses of the demand entitlement contracts entered into to construct the pipeline for ES projects (in the new Pipeline Supplier Expenses column). The revenues will be shown in the new Non-CIAC Surcharge Revenues. Revenues in excess of those Pipeline Supplier Expenses will be treated as CIAC in the Surcharge Revenue column. All NAS revenues will continue to be treated as CIAC in the Surcharge Revenue column.

As noted in the current tariff, property taxes were originally included as part of Operating Expenses. Several years ago they were split out into their own column in the model, but the tariff was not updated to reflect that change.

Below is an updated list of the tariff sheets we are proposing to change.

Minnesota Gas Rate Book – MPUC No. 2:

Sheet No. 1-1, revision 10	Sheet No. 5-47, revision 4
Sheet No. 5-TOC, revision 4	Sheet No. 5-48, revision 3
Sheet No. 5-44, revision 9	Sheet No. 5-49, revision 2
Sheet No. 5-45, revision 2	Sheet No. 5-50, revision 2
Sheet No. 5-46, revision 3	Sheet No. 5-51, revision 1

2. Provide Service to Barnesville and Holdingford under the Governance of the Proposed NAS and ES Riders Tariff

In this Petition, we propose to close a gap that remained following the disposition of the Company's request in Docket G002/M-14-583. There, the Commission approved the extension of service to Barnesville and Holdingford and the accompanying surcharges, but left open to the Company to propose a means of accounting for the surcharges, after conferring with the Department and Commission staff. As noted above, the Company met with the Department and Commission staff and agreed on an accounting treatment and a surcharge name for those projects. The tariff was not changed at the time to reflect the Company's understanding of our agreement. In this filing, we propose to bring the extension surcharges for Holdingford and Barnesville under the governance of the proposed NAS and ES Riders tariff.

The accounting methodology presented here is slightly altered from when we discussed terms for Barnesville and Holdingford with the Department and Commission staff. However, we believe the accounting methodology in this filing addresses the concerns of the Department and Commission staff better than our agreement did. This is because we are proposing to allocate ES revenues against the demand entitlement contract expenses first. Parties raised concerns in Docket No. G002/M-14-583 that the current practice of applying ES revenues to CIAC first and then to the demand entitlement contract expenses results in the demand entitlement contract expenses not being fully recovered for through the ES surcharges.

The Company proposes to retain the approved surcharge rates for both projects. When the new ES accounting model was used with the Barnesville and Holdingford projects, including actual revenue and expenses from November – December 2014, the models showed revenue deficiencies. The Barnesville model is included at Attachment B and the Holdingford model is included as Attachments C.

As part of its Order,⁴ the Commission ordered that the Barnesville and Holdingford surcharges be effective for the full 15-year term. We request that, if the Commission approves bringing the projects under the governance of the proposed NAS and ES Riders tariff, the surcharge term allows for the potential to terminate early if the revenue requirement is satisfied per the terms of the proposed tariff.

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⁴ Order Approving Surcharges and Requiring Compliance Filings, October 31, 2014. Docket No. G002/M-14-583.

The Company proposes to continue to report on NAS and ES projects annually on March 1 as ordered in Docket No. G002/M-14-583.

VI. EFFECT OF CHANGE UPON XCEL ENERGY REVENUE

The proposed tariff modifications have no effect on the Company's revenue. The proposal to move Barnesville and Holdingford under the governance of the proposed tariff also has no effect on the Company's revenue as expenses for construction of these extensions will continue to be offset by the revenue from the ES Riders.

CONCLUSION

Xcel Energy respectfully requests Commission approval of modified tariff sheets reflecting the terms of the New Area Surcharge (NAS) Rider and the proposed Extension Surcharge (ES) Rider, including the increase of the maximum term from fifteen to thirty years. We also seek approval to bring Barnesville and Holdingford under the governance of the modified NAS and ES Riders tariff, including the potential for the surcharges to terminate early.

We seek approval of these proposals by June 1, 2015, so that potential ES projects could be put in service by the 2015-2016 heating season. The Company has no additional projects to propose at this time, but is working with communities who have expressed interest in possible service extensions this year.

Dated: March 2, 2015

Northern States Power Company

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

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

IN THE MATTER OF THE PETITION OF NORTHERN STATES POWER COMPANY FOR APPROVAL OF ADDITION OF EXTENSION SURCHARGE PROVISIONS TO THE NEW AREA SURCHARGE RIDER TARIFF AND TO BRING BARNESVILLE AND HOLDINGFORD UNDER THE GOVERNANCE OF THE MODIFIED TARIFF DOCKET NO. G002/M-15-195

PETITION

SUMMARY OF FILING

Please take notice that on March 2, 2015 Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission a Petition for approval of modified tariff sheets reflecting addition of terms for an Extension Surcharge (ES) Rider to the existing the New Area Surcharge (NAS) Rider. As part of the tariff modifications, the Company requests to extend the maximum term from fifteen to thirty years. The Company also seeks approval to bring Barnesville and Holdingford under the governance of the modified NAS and ES Riders tariff.

Redline

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(Continued on Sheet No. 1-2)

Date Filed: 08-01-1403-02-15 By: Christopher B. Clark Effective Date: 02-01-15

President, Northern States Power Company, a Minnesota corporation

Docket No. G002/M-14-33615- Order Date: 01-27-15

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3rd4th Revised Sheet No. TOC

Effective Date:

02-01-15

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President, Northern States Power Company, a Minnesota corporation

By: Christopher B. Clark

Docket No. G002/M-14-336<u>15-</u> Order Date: 01-27-15

08-01-1403-02-15

SURCHARGE RIDERS NO. 1-8-2

Section No. 5
8th9th Revised Sheet No. 44

DETERMINATION OF CHARGES UNDER THIS RIDER

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

RIDER NO. 1

A surcharge will be included in the monthly customer bills in Minnesota communities in an amount equal to any franchise gross earnings or other fee, permit or usage fee, excise, city sales or other charge or tax now or hereafter imposed upon Company by a community, whether by ordinance, franchise or otherwise, applicable to gas service supplied by Company to a customer.

The Company remits 100% of these fees collected from ratepayers to the local government unit.

The Company will notify the Minnesota Public Utilities Commission of any new, renewed, expired, or changed fee, authorized by Minn. Stat. § 216B.36 to raise revenue, at least 60 days prior to its implementation. If the Company receives less than 60 days' notice of a repealed or reduced fee from a city, the Company will notify the Minnesota Public Utilities Commission within 10 business days of receiving notice. Notification to the Minnesota Public Utilities Commission will include a copy of the relevant franchise fee ordinance or other operative document authorizing imposition of, or change in, the fee.

Affected customers will be notified on the first bill on which a new or modified fee is listed via the standard bill message below:

[The municipality] imposes a [X%of gross revenues/\$X per meter/\$X per kWh/\$X per therm] fee on Xcel Energy collectable through a fee on Xcel Energy [electric/gas] accounts effective [effective date]. The line item appears on your bill as "City Fees." Xcel Energy remits 100% of this fee to [the municipality].

RIDER NO. 2

A surcharge as designated will be included in the monthly minimum charge for bills in the following Minnesotaareas:-

<u>Customer Classes</u>	<u>Pillager</u>
Residential	\$13.50
Small Commercial Firm	\$20.00
Large Commercial Firm	\$200.00
Commercial Demand Billed	\$1,000.00
Interruptible	\$1,000.00
Firm Transportation	\$1,000.00
Interruptible Transportation	\$1,000.00

Expiration Date* 10/31/2029

*Surcharge may end earlier based on the results of the New Area Surcharge model filed annually with the Commission.

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Date Filed: 07-09-1403-02-15 By: David M. Sparby Christopher B. Clark Effective Date: 11-01-14

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

Docket No. G002/M-14-58315- Order Date: 10-31-14

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SURCHARGE RIDER NO. 2NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS

Section No. 5

1st2nd Revised Sheet No. 45

CANCELED

AVAILABILITY

Service under this rate schedule is available only to geographic areas that have not previously been served by Company. This rate schedule will enable natural gas service to be extended to areas where the cost would otherwise have been prohibitive under Company's present rates and service extension policy. Nothing in this rate schedule shall obligate Company to extend natural gas service to any area.

APPLICABILITY AND CHARACTER OF SERVICE

All customers on this rate shall receive service according to the terms and conditions of one of Company's gas tariff services.

RATE

As authorized by the MPUC, the total billing rate for any customer class will be the approved rate for that customer class plus a fixed monthly surcharge. All customers in the same rate class will be billed the same surcharge. Projects will be categorized as a New Area Surcharge or Extension Surcharge project as defined below.

New Area Surcharge (NAS) – An extension project where the transmission pipeline is built and owned by the <u>Company</u>. The new area surcharge NAS revenue will be treated as a contribution-in-aid of construction (CIAC) for accounting purposes.

Extension Surcharge (ES) – An extension project where all or part of the new transmission pipeline is built and owned by a third party. For accounting purposes, the ES revenue will first be applied as revenue up to the level of the third-party demand entitlement contract used to extend the pipeline to serve the new area. Revenue in excess of demand entitlement expense will be treated as CIAC.

METHOD

A standard model will be used that is designed to calculate the total revenue requirements for each year of the book service life of the project. For new area surchargeall projects, the calculation of revenue requirements associated withwill use the approved rate of return on the rate base from the Company's most recent natural gas general rate proceeding or another rate approved by the Commissionhas been initially established at 11.8%. The model will compare the total revenue requirements for each year with the retail revenues generated from customers served (attached and/or expected) by the project to determine if a revenue deficiency or revenue excess exists.

The net present value (NPV) of the yearly revenue deficiencies or excesses will be calculated using a discount rate equal to the overall rate of return authorized in the Company's most recent <u>natural gas</u> general rate proceeding or another rate approved by the Commission. Projected customer <u>CIAC</u>-surcharge revenues are then introduced into the model and the resultant NPV calculation is made to determine if the project is self-supporting. A total NPV of zero (\$0) will show a project is self-supporting.

(Continued on Sheet No. 5-46)

Date Filed: 09-17-0403-02-15 By: Kent T. LarsonChristopher B. Clark Effective Date: 42-01-05
Vice President of Jurisdictional RelationsPresident, Northern States Power Company, a Minnesota corporation
Docket No. G002/GR-04-1511M-15- Order Date: 41-22-05

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5

2nd3rd Revised Sheet No. 46

AVAILABILITY

Service under this rate schedule is available only to geographic areas that have not previously been served by Company. This rate schedule will enable natural gas service to be extended to areas where the cost would otherwise have been prohibitive under Company's present rates and service extension policy. Nothing in this rate schedule shall obligate Company to extend natural gas service to any area.

APPLICABILITY AND CHARACTER OF SERVICE

All customers on this rate shall receive service according to the terms and conditions of one of Company's gas tariff services.

RATE

As authorized by the MPUC, the total billing rate for any customer class will be the approved rate for that customer class plus a fixed monthly surcharge. All customers in the same rate class will be billed the same surcharge. The new area surcharge will be treated as a contribution-in-aid of construction (CIAC) for accounting purposes.

METHOD

A standard model will be used that is designed to calculate the total revenue requirements for each year of the book service life of the project. For new area surcharge projects, the calculation of revenue requirements associated with the rate of return on the rate base has been initially established at 11.8%. The model will compare the total revenue requirements for each year with the retail revenues generated from customers served (attached and/or expected) by the project to determine if a revenue deficiency or revenue excess exists.

The net present value (NPV) of the yearly revenue deficiencies or excesses will be calculated using a discount rate equal to the overall rate of return authorized in the Company's most recent general rate proceeding. Projected customer CIAC surcharge revenues are then introduced into the model and the resultant NPV calculation is made to determine if the project is self-supporting. A total NPV of zero (\$0) will show a project is self-supporting.

The model will be run each year subsequent to the initial construction phase of a project wherein actual amounts for certain variables will be substituted for projected values to track recovery of expansion costs and potential to discontinue the customer surcharge before the full term.

If the Company proposes to add a new community to existing projects, the model will be evaluated to determine if the surcharge rates can be decreased for existing customers in the project. The Company will propose a rate change for the project if the decrease is one (1) percent or greater.

The variables which will be updated in the model each year will be:

1. Number of customers used to calculate the surcharge revenue and the retail margin revenue,

(Continued on Sheet No. 5-47)

Date Filed: 11-12-0903-02-15 By: Judy M. PoferlChristopher B. Clark Effective Date: 05-01-11

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

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

- Section No.
- 2nd3rd Revised Sheet No. 46
- 2. The actual surcharge and retail revenue received to date and the projected surcharge revenue for the remaining term of the surcharge, and
- 3. The actual capital costs and projected remaining capital costs for the project, and -
- 3.4. The actual gas demand entitlement costs.

(Continued on Sheet No. 5-47)

Date Filed: By: Judy M. PoferlChristopher B. Clark 05-01-11 11-12-0903-02-15 Effective Date:

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

G002/GR-09-1153M-15-Order Date: 12-06-10 Docket No.

NEW AREA SURCHARGE AND

EXTENSION SURCHARGE RIDERS (Continued)

Section No.

3rd4th Revised Sheet No. 47

TERM

The term of service under this rate schedule shall vary from area to area depending on the service extension project. However, under no circumstances shall the surcharges applicable to any project remain in effect for a term to exceed 4530 years. The Company assumes the risk for underrecovery of expansion costs, if any, which may remain at the end of the maximum surcharge term.

<u>ND</u> <u>D</u>

EXPIRATION

The surcharges for all customers in an area subject to the New Area Surcharge RiderNAS or ES shall terminate on the date specified for the project in, by the NSPCompany tariff or, if the model demonstrates that the revenue requirements have been met for a project, the surcharge will expire, on the date the approved revenue deficiency is retired, or at the end of 15 years, whichever occurs first. The Company assumes the risk for under recovery of expansion costs, if any, which may remain at the project's expiration date.

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AREA SURCHARGE RIDERRATE

See Surcharge Rider No. 2. Section No. 5, Sheet No. 51.

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REVENUE REQUIREMENTS MODEL

<u>Definitions</u>. All terms describe the contents and general operation of the revenue requirements model used to determine a New Area Surcharge or Extension Surcharge Rider for a project.

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Column/Description

- 1. *Time Period.* A 12 month calendar interval which is one year of the project life. The year in which the project is constructed is designated as year zero.
- 2. Year.
- 3. *Plant-in-Service Additions*. Additions to plant-in-service in any particular year shall be all costs to provide pipeline interconnects, pressure regulating facilities, measurement and instrumentation, lateral delivery lines, distribution mains, mapping, customer service lines, meters, and regulators.
- 4. Surcharge Revenue. The revenue generated by the surcharges collected to offset the cost of constructing facilities to serve the new service area. Customer sSurcharge revenue will be treated as a contribution-in-aid of construction (CIAC).
 - NAS All surcharge revenue will be treated as a CIAC.
 - <u>ES Surcharge revenue will first be applied to the pipeline supplier expense as Non-CIAC Surcharge Revenues (Column 16b).</u> Excess revenue will be treated as a CIAC.
- Total Capital Investment. The cost of all plant in service additions (Column 3), less all customer surcharge CIAC revenue (Column 4).

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(Continued on Sheet No. 5-48)

Date Filed: 41-12-0903-02-15 By: Judy M. PoferlChristopher B. Clark Effective Date: 05-01-11

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

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5

2nd3rd Revised Sheet No. 48

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

- Net Investment Rate Base. The total capital investment, less the accumulated reserve for book depreciation, less accumulated deferred income taxes.
- 7. Equity Return. The average of beginning and end-of-year net investment rate base, multiplied by the weighted costs of preferred equity capital and common equity capital established in the Company's most recent natural gas general rate proceeding or another rate approved by the Commission.
- 8. Debt Return. The average of beginning and end-of-year net investment rate base, multiplied by the weighted costs of long term and short term debt capital established in the Company's most recent <u>natural gas general</u> rate proceeding <u>or another rate approved by the Commission</u>.
- 9. Book Depreciation. The straight-line cost recovery over the life of the asset for total capital investment as defined above (Column 5) plus the cost of removal (negative salvage). The book depreciation rate is adjusted to recognize the effect of customer surcharge CIAC revenue (Column 4).
- 10. Tax Depreciation. The income tax basis of cost recovery. The sum of all vintages of the product of plant in service additions as defined above (Column 3) and the appropriate value from the Internal Revenue Service's "Depreciation Schedule 20 Year Property MACRS Method."-
- 11. Deferred Income Taxes. The difference between tax depreciation and the book depreciation and salvage value (if any) for that year, multiplied by the income tax rate. Deferred taxes will be reduced in any year by the current tax effect of the customer surcharge CIAC revenue (income taxes are in effect prepaid and will be recovered over the life of the project through the book and tax timing differences). Accumulated deferred income taxes in any year shall be the sum of deferred income taxes for the current year and all previous years.
- 12. Salvage. A positive amount for salvage represents the proceeds from the disposal of an asset removed from service. A negative amount for salvage represents the cost of removal incurred for an asset removed from service.

(Continued on Sheet No. 5-49)

Date Filed: 11-12-0903-02-15 By: Judy M. PoferlChristopher B. Clark Effective Date: 05-01-11

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

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NEW AREA SURCHARGE ANDSection No.5EXTENSION SURCHARGE RIDERS (Continued)4st2ndRevised Sheet No.49

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

13. Income Taxes. The income tax calculation provides an amount of income tax to cover the equity return (Column 7); and customer surcharge revenue (Column 4); considers the timing difference between book depreciation (Column 9) and tax depreciation (Column 10); includes the current provision for deferred income taxes (Column 11); and considers income tax provisions related to salvage. The income tax calculation formula is:

[-(T / [1-T]) * (Customer-Surcharge Revenue + [Book Depreciation - Tax Depreciation] + Deferred Income Tax + Salvage)-] + (T * Equity Return)

T = Minnesota jurisdiction income tax rate established in the most recent <u>natural gas</u> general rate proceeding or another rate approved by the Commission.

14a. Property Taxes. Property taxes on new Company-owned plant in service.

- 44.14b. Operating Expenses. Operating expenses includes provisions for transmission and distribution system operation and maintenance expenses, and provisions to cover customer accounting expenses such as meter reading, customer accounting and collection. Property taxes are also included as a component of operating expenses. All components of operating expense herein are driven by the amount of plant in service additions (Column 3).
- 14c. Pipeline Supplier Expenses. Expenses from third party pipeline supplier via a demand entitlement contract incurred in lieu of capital costs that would have been incurred by the Company to build pipeline to the new service area.
- 15. Total Revenue Requirement. The total revenue requirement is the required equity return (Column 7), debt return (Column 8), book depreciation (Column 9), current provision for deferred income taxes (Column 11), income taxes (Column 13), and operating expenses (Column 14a), property taxes (Column 14b), and pipeline supplier expenses (Column 14c).
- 16a. Retail Revenues. This amount represents the retail revenue generated by applying the various retail billing rates (customer charge and commodity margin) approved in Company's most recent <u>natural gas</u> general rate proceeding to the expected number of customers connected to the project each year.
- 16b. Non-CIAC Surcharge Revenues. The revenue generated by the ES surcharges collected to offset the cost of a third party constructing facilities to serve the new service area.

 NAS will have no revenues of this type.

(Continued on Sheet No. 5-50)

Date Filed: 11-12-0903-02-15 By: Judy M. PoferlChristopher B. Clark Effective Date: 05-01-11

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

NEW AREA SURCHARGE AND	Section No.	5
EXTENSION SURCHARGE RIDERS (Continued)	4st2nd Revised Sheet No.	49

15. Revenue Deficiency or (Excess). Revenue deficiency or excess is the difference between the total revenue requirement (Column 15) and the amount of the retail revenues (Column 16). Deficiency occurs when the total revenue requirement in a given year is greater than the total retail revenues generated.

Excess occurs when the total revenue requirement in a given year is less than the total retail revenues generated. The total revenue requirement less retail revenues results in a revenue deficiency or excess.

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

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NEW AREA SURCHARGE AND Section No.

EXTENSION SURCHARGE RIDERS (Continued)

Section No.

1st2nd Revised Sheet No.

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

- 17. Revenue Deficiency or (Excess). Revenue deficiency or excess is the difference between the total revenue requirement (Column 15) and the amount of the retail revenues (Column 16a) and non-CIAC surcharge revenues (Column 16b). Deficiency occurs when the total revenue requirement in a given year is greater than the total retail revenues generated. Excess occurs when the total revenue requirement in a given year is less than the total retail revenues generated. The total revenue requirement less retail revenues results in a revenue deficiency or excess.
- 18. Present Value of Revenue Deficiency (Excess). The cash flow from the various years of the project life that produce either revenue deficiencies or revenues excesses are discounted to a present value using a discount rate equal to the overall rate of return established in the most recent <u>natural gas general</u> rate proceeding or another rate approved by the Commission.

If the sum of the present value calculations over the life of the project is zero or as close to zero as possible, the model proves that the project is "self-supporting," that is, the customer CIAC surcharge is the proper amount of customer contributed capital necessary to support the project at the projected (or actual) level of retail revenues.

Date Filed: 41-12-0903-02-15 By: Judy M. PoferlChristopher B. Clark Effective Date: 05-01-11

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

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Expiration Date

NEW AREA SURCHARGE AND	
EXTENSION SURCHARGE RIDERS (Continued)	

Section No. 5

Original 1st Revised Sheet No. 51

A New Area Surcharge will be included in the monthly minimum charge for bills in the following Minnesota areas:

<u>Customer Classes</u>	<u>Pillager</u>
Residential	<u>\$13.50</u>
Small Commercial Firm	\$20.00
Large Commercial Firm	\$200.00
Commercial Demand Billed	\$1,000.00
<u>Interruptible</u>	\$1,000.00
Firm Transportation	\$1,000.00
Interruptible Transportation	\$1,000.00

Expiration Date* 10/31/2029

*Surcharge may end earlier based on the results of the New Area Surcharge model filed annually with the Commission.

An Extension Surcharge will be included in the monthly minimum charge for bills in the following Minnesota areas:

Customer Classes	<u>Barnesville</u>	<u>Holdingford</u>
Residential	\$23.99	\$14.45
Small Commercial Firm	\$34.99	\$35.00
Large Commercial Firm	\$395.00	\$315.00
Commercial Demand Billed	\$1,150.00	\$700.00
Interruptible	\$1,150.00	\$700.00
Firm Transportation	\$1,150.00	\$700.00
Interruptible Transportation	\$1,150.00	\$700.00

*Surcharge may end earlier based on the results of the Extension Surcharge model filed annually with the Commission.

10/31/2029

10/31/2029

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

Docket No. G002/M-14-58315- Order Date: 40-31-14



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(Continued on Sheet No. 1-2)

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

President, Northern States Power Company, a Minnesota corporation

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President, Northern States Power Company, a Minnesota corporation

SURCHARGE RIDER NO. 1

Section No. 5 9th Revised Sheet No. 44

DETERMINATION OF CHARGES UNDER THIS RIDER

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

RIDER NO. 1

A surcharge will be included in the monthly customer bills in Minnesota communities in an amount equal to any franchise gross earnings or other fee, permit or usage fee, excise, city sales or other charge or tax now or hereafter imposed upon Company by a community, whether by ordinance, franchise or otherwise, applicable to gas service supplied by Company to a customer.

The Company remits 100% of these fees collected from ratepayers to the local government unit.

The Company will notify the Minnesota Public Utilities Commission of any new, renewed, expired, or changed fee, authorized by Minn. Stat. § 216B.36 to raise revenue, at least 60 days prior to its implementation. If the Company receives less than 60 days' notice of a repealed or reduced fee from a city, the Company will notify the Minnesota Public Utilities Commission within 10 business days of receiving notice. Notification to the Minnesota Public Utilities Commission will include a copy of the relevant franchise fee ordinance or other operative document authorizing imposition of, or change in, the fee.

Affected customers will be notified on the first bill on which a new or modified fee is listed via the standard bill message below:

[The municipality] imposes a [X%of gross revenues/\$X per meter/\$X per kWh/\$X per therm] fee on Xcel Energy collectable through a fee on Xcel Energy [electric/gas] accounts effective [effective date]. The line item appears on your bill as "City Fees." Xcel Energy remits 100% of this fee to [the municipality].

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

President, Northern States Power Company, a Minnesota corporation

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS

Section No. 5 2nd Revised Sheet No. 45

AVAILABILITY

Service under this rate schedule is available only to geographic areas that have not previously been served by Company. This rate schedule will enable natural gas service to be extended to areas where the cost would otherwise have been prohibitive under Company's present rates and service extension policy. Nothing in this rate schedule shall obligate Company to extend natural gas service to any area.

APPLICABILITY AND CHARACTER OF SERVICE

All customers on this rate shall receive service according to the terms and conditions of one of Company's gas tariff services.

RATE

As authorized by the MPUC, the total billing rate for any customer class will be the approved rate for that customer class plus a fixed monthly surcharge. All customers in the same rate class will be billed the same surcharge. Projects will be categorized as a New Area Surcharge or Extension Surcharge project as defined below.

New Area Surcharge (NAS) – An extension project where the transmission pipeline is built and owned by the Company. The NAS revenue will be treated as a contribution-in-aid of construction (CIAC) for accounting purposes.

Extension Surcharge (ES) – An extension project where all or part of the new transmission pipeline is built and owned by a third party. For accounting purposes, the ES revenue will first be applied as revenue up to the level of the third-party demand entitlement contract used to extend the pipeline to serve the new area. Revenue in excess of demand entitlement expense will be treated as CIAC.

METHOD

A standard model will be used that is designed to calculate the total revenue requirements for each year of the book service life of the project. For all projects, the calculation of revenue requirements will use the approved rate of return on the rate base from the Company's most recent natural gas general rate proceeding or another rate approved by the Commission. The model will compare the total revenue requirements for each year with the retail revenues generated from customers served (attached and/or expected) by the project to determine if a revenue deficiency or revenue excess exists.

The net present value (NPV) of the yearly revenue deficiencies or excesses will be calculated using a discount rate equal to the overall rate of return authorized in the Company's most recent natural gas general rate proceeding or another rate approved by the Commission. Projected customer surcharge revenues are then introduced into the model and the resultant NPV calculation is made to determine if the project is self-supporting. A total NPV of zero (\$0) will show a project is self-supporting.

(Continued on Sheet No. 5-46)

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President, Northern States Power Company, a Minnesota corporation

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5 3rd Revised Sheet No. 46

The model will be run each year subsequent to the initial construction phase of a project wherein actual amounts for certain variables will be substituted for projected values to track recovery of expansion costs and potential to discontinue the surcharge before the full term.

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If the Company proposes to add a new community to existing projects, the model will be evaluated to determine if the surcharge rates can be decreased for existing customers in the project. The Company will propose a rate change for the project if the decrease is one (1) percent or greater.

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The variables which will be updated in the model each year will be:

- 1. Number of customers used to calculate the surcharge revenue and the retail margin revenue,
- 2. The actual surcharge and retail revenue received to date and the projected surcharge revenue for the remaining term of the surcharge,
- 3. The actual costs and projected remaining costs for the project, and
- 4. The actual gas demand entitlement costs.

(Continued on Sheet No. 5-47)

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President, Northern States Power Company, a Minnesota corporation

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

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NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5 4th Revised Sheet No. 47

TERM

The term of service under this rate schedule shall vary from area to area depending on the service extension project. However, under no circumstances shall the surcharges applicable to any project remain in effect for a term to exceed 30 years.

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EXPIRATION

The surcharges for all customers in an area subject to the NAS or ES shall terminate on the date specified for the project in the Company tariff or, if the model demonstrates that the revenue requirements have been met for a project, the surcharge will expire on the date the approved revenue deficiency is retired, whichever occurs first. The Company assumes the risk for under recovery of expansion costs, if any, which may remain at the project's expiration date.

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SURCHARGE RATE

See Section No. 5, Sheet No. 51.

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REVENUE REQUIREMENTS MODEL

<u>Definitions</u>. All terms describe the contents and general operation of the revenue requirements model used to determine a New Area Surcharge or Extension Surcharge Rider for a project.

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Column/Description

- Time Period. A 12 month calendar interval which is one year of the project life. The year in which the
 project is constructed is designated as year zero.
- 2. Year.
- 3. *Plant-in-Service Additions*. Additions to plant-in-service in any particular year shall be all costs to provide pipeline interconnects, pressure regulating facilities, measurement and instrumentation, lateral delivery lines, distribution mains, mapping, customer service lines, meters, and regulators.
- 4. Surcharge Revenue. The revenue generated by the surcharges collected to offset the cost of constructing facilities to serve the new service area. Surcharge revenue will be treated as a contribution-in-aid of construction (CIAC).

NAS - All surcharge revenue will be treated as a CIAC.

- ES Surcharge revenue will first be applied to the pipeline supplier expense as Non-CIAC Surcharge Revenues (Column 16b). Excess revenue will be treated as a CIAC.
- 5. Total Capital Investment. The cost of all plant in service additions (Column 3), less all surcharge revenue (Column 4).

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(Continued on Sheet No. 5-48)

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

President, Northern States Power Company, a Minnesota corporation

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5
3rd Revised Sheet No. 48

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

- Net Investment Rate Base. The total capital investment, less the accumulated reserve for book depreciation, less accumulated deferred income taxes.
- 7. Equity Return. The average of beginning and end-of-year net investment rate base, multiplied by the weighted costs of preferred equity capital and common equity capital established in the Company's most recent natural gas general rate proceeding or another rate approved by the Commission.
- 8. Debt Return. The average of beginning and end-of-year net investment rate base, multiplied by the weighted costs of long term and short term debt capital established in the Company's most recent natural gas general rate proceeding or another rate approved by the Commission.
- 9. Book Depreciation. The straight-line cost recovery over the life of the asset for total capital investment as defined above (Column 5) plus the cost of removal (negative salvage). The book depreciation rate is adjusted to recognize the effect of surcharge revenue (Column 4).
- 10. Tax Depreciation. The income tax basis of cost recovery. The sum of all vintages of the product of plant in service additions as defined above (Column 3) and the appropriate value from the Internal Revenue Service's "Depreciation Schedule 20 Year Property MACRS Method."
- 11. Deferred Income Taxes. The difference between tax depreciation and the book depreciation and salvage value (if any) for that year, multiplied by the income tax rate. Deferred taxes will be reduced in any year by the current tax effect of the surcharge revenue (income taxes are in effect prepaid and will be recovered over the life of the project through the book and tax timing differences). Accumulated deferred income taxes in any year shall be the sum of deferred income taxes for the current year and all previous years.
- 12. Salvage. A positive amount for salvage represents the proceeds from the disposal of an asset removed from service. A negative amount for salvage represents the cost of removal incurred for an asset removed from service.

(Continued on Sheet No. 5-49)

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

President, Northern States Power Company, a Minnesota corporation

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5 2nd Revised Sheet No. 49

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

- 13. Income Taxes. The income tax calculation provides an amount of income tax to cover the equity return (Column 7); and surcharge revenue (Column 4); considers the timing difference between book depreciation (Column 9) and tax depreciation (Column 10); includes the current provision for deferred income taxes (Column 11); and considers income tax provisions related to salvage. The income tax calculation formula is:
- [(T / [1-T]) * (Surcharge Revenue + [Book Depreciation Tax Depreciation] + Deferred Income Tax + Salvage)] + (T * Equity Return)
 - T = Minnesota jurisdiction income tax rate established in the most recent natural gas general rate proceeding or another rate approved by the Commission.
- 14a. Property Taxes. Property taxes on new Company-owned plant in service.
- 14b. Operating Expenses. Operating expenses includes provisions for transmission and distribution system operation and maintenance expenses, and provisions to cover customer accounting expenses such as meter reading, customer accounting and collection. All components of operating expense herein are driven by the amount of plant in service additions (Column 3).
- 14c. *Pipeline Supplier Expenses*. Expenses from third party pipeline supplier via a demand entitlement contract incurred in lieu of capital costs that would have been incurred by the Company to build pipeline to the new service area.
- 15. *Total Revenue Requirement*. The total revenue requirement is the required equity return (Column 7), debt return (Column 8), book depreciation (Column 9), current provision for deferred income taxes (Column 11), income taxes (Column 13), operating expenses (Column 14a), property taxes (Column 14b), and pipeline supplier expenses (Column 14c).
- 16a. *Retail Revenues*. This amount represents the retail revenue generated by applying the various retail billing rates (customer charge and commodity margin) approved in Company's most recent natural gas general rate proceeding to the expected number of customers connected to the project each year.
- 16b. Non-CIAC Surcharge Revenues. The revenue generated by the ES surcharges collected to offset the cost of a third party constructing facilities to serve the new service area.
 NAS will have no revenues of this type.

(Continued on Sheet No. 5-50)

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

President, Northern States Power Company, a Minnesota corporation

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5 2nd Revised Sheet No. 50

REVENUE REQUIREMENTS MODEL (Continued)

Column/Description (Continued)

- 17. Revenue Deficiency or (Excess). Revenue deficiency or excess is the difference between the total revenue requirement (Column 15) and the amount of the retail revenues (Column 16a) and non-CIAC surcharge revenues (Column 16b). Deficiency occurs when the total revenue requirement in a given year is greater than the total retail revenues generated. Excess occurs when the total revenue requirement in a given year is less than the total retail revenues generated. The total revenue requirement less retail revenues results in a revenue deficiency or excess.
- 18. Present Value of Revenue Deficiency (Excess). The cash flow from the various years of the project life that produce either revenue deficiencies or revenues excesses are discounted to a present value using a discount rate equal to the overall rate of return established in the most recent natural gas general rate proceeding or another rate approved by the Commission.

If the sum of the present value calculations over the life of the project is zero or as close to zero as possible, the model proves that the project is "self-supporting," that is, the customer surcharge is the proper amount of customer contributed capital necessary to support the project at the projected (or actual) level of retail revenues.

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MINNESOTA GAS RATE BOOK - MPUC NO. 2

NEW AREA SURCHARGE AND
EXTENSION SURCHARGE RIDERS (Continued)

Section No. 5 1st Revised Sheet No. 51

A New Area Surcharge will be included in the monthly minimum charge for bills in the following Minnesota areas:

<u>Customer Classes</u>	<u>Pillager</u>
Residential	\$13.50
Small Commercial Firm	\$20.00
Large Commercial Firm	\$200.00
Commercial Demand Billed	\$1,000.00
Interruptible	\$1,000.00
Firm Transportation	\$1,000.00
Interruptible Transportation	\$1,000.00

Expiration Date* 10/31/2029

An Extension Surcharge will be included in the monthly minimum charge for bills in the following Minnesota areas:

Customer Classes	<u>Barnesville</u>	<u>Holdingford</u>
Residential	\$23.99	\$14.45
Small Commercial Firm	\$34.99	\$35.00
Large Commercial Firm	\$395.00	\$315.00
Commercial Demand Billed	\$1,150.00	\$700.00
Interruptible	\$1,150.00	\$700.00
Firm Transportation	\$1,150.00	\$700.00
Interruptible Transportation	\$1,150.00	\$700.00
Expiration Date	10/31/2029	10/31/2029

^{*}Surcharge may end earlier based on the results of the Extension Surcharge model filed annually with the Commission.

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

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

^{*}Surcharge may end earlier based on the results of the New Area Surcharge model filed annually with the Commission.

Docket No. G002/M-15-195

New Area Surcharge Rider Tariff Modification Attachment B, Page 1 of 13

Customer Information -											Attaciiii	em \mathbf{D}, \mathbf{P}	age i oi i
Customer information -	0	1	2	3	4	5	6	7	8	9	10	11	12
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Customer Growth													
Residential	68	759	773	788	803	817	832	847	862	876	881	881	881
Commercial	0	65	65	65	65	65	65	65	65	65	65	65	65
Lg Commercial	0	20	20	20	20	20	20	20	20	20	20	20	20
Large Demand Billed	0	2	2	2	2	2	2	2	2	2	2	2	2
Small Interruptible	0	4	4	4	4	4	4	4	4	4	4	4	4
Large Interruptible	0	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	68	851	865	880	895	909	924	939	954	968	973	973	973
Total Saturation Pct.	6%	79%	81%	82%	84%	85%	86%	88%	89%	90%	91%	91%	
Sales Volumes - Mcf													
Residential	58	37,215	68,940	70,245	71,595	72,900	74,205	75,555	76,905	78,210	79,065	79,290	79,290
Sm Commercial	0	8,938	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875
Lg Commercial	0	33,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000
Large Demand Billed	0	11,740	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480
Sm. Interruptible	0	18,333	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667
Lg. Interruptible	0 58	4,600	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Total Sales Volumes	38	113,826	222,162	223,467	224,817	226,122	227,427	228,777	230,127	231,432	232,287	232,512	232,512
Rate Structure	Final Rates @ Do	oc. GR09-1153											
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
Lg Dmd Billed Dmd Margin Lg Dmd Billed Com Margin	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751	\$8.0947 \$0.4751
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
Annual Revenues													
Residential	\$720	\$113,846	\$210,896	\$214,889	\$219,018	\$223,011	\$227,003	\$231,133	\$235,262	\$239,255	\$241,870	\$242,558	\$242,558
Sm Commercial	\$0	\$20,771	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542
Lg. Commercial	\$0	\$46,640	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280
Lg Dmd Billed	\$0	\$122,328	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606
Sm Interruptible	\$0	\$21,145	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290
Lg Interruptible	\$0	\$4,699	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398
TOTAL	\$720	\$329,428	\$522,012	\$526,004	\$530,134	\$534,126	\$538,118	\$542,248	\$546,378	\$550,370	\$552,986	\$553,674	\$553,674
Surcharge (initially as CIAC)													
Residential	\$1,312	\$119,038	\$220,516	\$224,690	\$229,009	\$233,183	\$237,357	\$241,675	\$245,993	\$250,168	\$252,903	\$253,622	\$253,622
Sm Commercial	\$0	\$13,646	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292	\$27,292
Lg Commercial	\$0	\$47,400	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800	\$94,800
_					AAF	005	445	0.0	000	AC		AAC	
Lg Dmd Billed	\$0	\$13,800	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600	\$27,600
_				\$27,600 \$55,200 \$13,800									

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New Area Surcharge Rider Tariff Modification

Attachment B, Page 2 of 13

Customer Information -													O	
	0	1	2	3	4	5	6	7	8	9	10	11	12	
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
Total Surcharge	\$1,312	\$228,384	\$439,208	\$443,383	\$447,701	\$451,875	\$456,049	\$460,367	\$464,686	\$468,860	\$471,595	\$472,314	\$472,314	
Term	0	1	2	3	4	5	6	7	8	9	10	11	12	

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Customer Information - 0 1 2 3 4 5 6 7 8 9 10 11 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 Annual Capital Investments	12 2026
Annual Capital Investments	0
Amuai Capitai myesunenis	0
Project Cost w/o Contingency	0
Transmission/Distribution 2,377,260 0 0 0 0 0 0 0 0 0 0 0 0	0
Residential 0 1,052,734 21,329 22,852 22,852 21,329 22,852 22,852 22,852 21,329 7,617 0	U
Sm Commercial 0 97,500 0 0 0 0 0 0 0 0 0 0 0	0
Lg Commercial 0 30,000 0 0 0 0 0 0 0 0 0 0	0
Lg Dmd Billed 0 3,000 0 0 0 0 0 0 0 0 0 0	0
Interruptible 0 7,500 0	0
TOTAL 2,377,260 1,190,734 21,329 22,852 22,852 21,329 22,852 22,852 22,852 21,329 7,617 0	0
Project Cost Contingency	
Transmission/Distribution 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Residential 0 105,273 2,133 2,285 2,285 2,133 0 2,285 2,285 2,133 762 0	0
Kesidential 0 103,273 2,133 2,263 2,133 0 2,263 2,133 702 0	O
Commercial 0 9,750 0 0 0 0 0 0 0 0 0 0	0_
TOTAL 0 115,023 2,133 2,285 2,285 2,133 0 2,285 2,285 2,133 762 0	0
Surcharge - Actual	
Monthly Billings 0 0 0 0 0	0
Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Total Actual Capital Costs	
W/O Removal Expense 2,377,260 1,305,758 23,462 25,138 25,138 23,462 22,852 25,138 25,138 23,462 8,379 0	0
Rmvl Exp - 356,589 326,439 5,865 6,284 6,284 5,865 5,713 6,284 6,284 5,865 2,095 0	0
Total Capital w/ Removal Expense 2,733,849 1,632,197 29,327 31,422 31,422 29,327 28,566 31,422 31,422 29,327 10,474 0	0
Surcharge Applied 1,312 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Total Capital less Surcharge Rev \$2,732,537 \$1,632,197 \$29,327 \$31,422 \$29,327 \$28,566 \$31,422 \$31,422 \$29,327 \$10,474 \$0	\$0
O&M Expenses 5,408 (116,424) 94,241 94,597 95,221 96,071 96,427 97,051 97,675 98,524 101,142 102,480	102,480
Property Taxes 0.992% 0 23,582 35,395 35,606 35,833 36,059 36,271 36,498 36,724 36,951 37,163 37,238	37,238

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Customer Information -												110	lacinin	III D, 1	age i c
	13		15	16	17	18	19	20		22	23	24	25		
_	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	204
Customer Growth															
Residential	881	881	881	881	881	881	881	881	881	881	881	881	881	881	88
Commercial	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Lg Commercial	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Large Demand Billed	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Small Interruptible	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Large Interruptible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
TOTAL	973	973	973	973	973	973	973	973	973	973	973	973	973	973	973
Total Saturation Pct.														,	,
Sales Volumes - Mcf															
Residential	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290
Sm Commercial	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875
Lg Commercial	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000
Large Demand Billed	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480
Sm. Interruptible	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667
Lg. Interruptible	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Total Sales Volumes	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512
Rate Structure															
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.963
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.0
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.4
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.0
Annual Revenues															
Residential	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,55
Sm Commercial	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,54
Lg. Commercial	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,28
Lg Dmd Billed	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,60
Sm Interruptible	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,29
•	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,39
Lg Interruptible												.07170			۵7,39

Surcharge (initially as CIAC)

Residential	\$253,622	\$253,622	\$253,622
Sm Commercial	\$27,292	\$27,292	\$27,292
Lg Commercial	\$94,800	\$94,800	\$94,800
Lg Dmd Billed	\$27,600	\$27,600	\$27,600
Sm Interruptible	\$55,200	\$55,200	\$55,200
Lg Interruptible	\$13,800	\$13,800	\$13,800

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25 2039

New Area Surcharge Rider Tariff Modification

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26 2040 27 2041

Customer Information -												11000	-
	13	14	15	16	17	18	19	20	21	22	23	24	
	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	
Total Surcharge	\$472,314	\$472,314	\$472,314										
Term	13	14	15										

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Customer Informatio	n -												710	cacinine	111 15, 10	ige o or
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
		2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Annual Capital Inves	tments															
Project Cost w/o Con	tingency															
Transmission/Distrib	ution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sm Commercial		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Commercial		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Dmd Billed		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interruptible		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Project Cost Continger	ncy															
Transmission/Distribu	tion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge - Actual																
Monthly Billings		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Actual Capital	Costs															
W/O Removal Exp		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rmvl Exp -		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital w/ Remo	oval Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge Applied		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital less Surc	harge Rev	\$0	\$0	\$0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Expenses		102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480
Property Taxes	0.992%	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238

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Customer Information -														,	
Customer information	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
G	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056
Customer Growth	004	004	004		004	004		004	004	004	004	004	004	004	201
Residential	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881
Commercial	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Lg Commercial	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Large Demand Billed	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Small Interruptible	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Large Interruptible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	973	973	973	973	973	973	973	973	973	973	973	973	973	973	973
Total Saturation Pct.															
Sales Volumes - Mcf															
Residential	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290
Sm Commercial	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875
Lg Commercial	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000
Large Demand Billed	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480
Sm. Interruptible	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667
Lg. Interruptible	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Total Sales Volumes	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512
Rate Structure															
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
Annual Revenues															
Residential	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558
Sm Commercial	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542
Lg. Commercial	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280
Lg Dmd Billed	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606
Sm Interruptible	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290
Lg Interruptible	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398
TOTAL	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674

Surcharge (initially as CIAC)

Residential Sm Commercial Lg Commercial Lg Dmd Billed

Sm Interruptible

Lg Interruptible

Docket No. G002/M-15-195

New Area Surcharge Rider Tariff Modification

Attachment B, Page 8 of 13

Customer Information -2054 2055 Total Surcharge

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Customer Information -														110 2, 1	
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056
Annual Capital Investments															
Project Cost w/o Contingency															
Transmission/Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sm Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Dmd Billed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interruptible	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Project Cost Contingency															
Transmission/Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge - Actual															
Monthly Billings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Actual Capital Costs															
W/O Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rmvl Exp -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital w/ Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge Applied	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital less Surcharge Rev	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Expenses	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480
Property Taxes 0.992%	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238

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Customer Information -									
Customer information	43	44	45	46	47	48	49	50	
	2057	2058	2059	2060	2061	2062	2063	2064	
Customer Growth									
Residential	881	881	881	881	881	881	881	881	
Commercial	65	65	65	65	65	65	65	65	
Lg Commercial	20	20	20	20	20	20	20	20	
Large Demand Billed	2	2	2	2	2	2	2	2	
Small Interruptible	4	4	4	4	4	4	4	4	
Large Interruptible	1	1	1	1	1	1	1	1	
TOTAL	973	973	973	973	973	973	973	973	=
Total Saturation Pct.				7.0	7.0	7.0	7.10		-
Sales Volumes - Mcf									
Residential	79,290	79,290	79,290	79,290	79,290	79,290	79,290	79,290	3,876,493
Sm Commercial	17,875	17,875	17,875	17,875	17,875	17,875	17,875	17,875	884,813
Lg Commercial	66,000	66,000	66,000	66,000	66,000	66,000	66,000	66,000	3,267,000
Large Demand Billed	23,480	23,480	23,480	23,480	23,480	23,480	23,480	23,480	16,436
Sm. Interruptible	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	1,815,000
Lg. Interruptible	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	455,400
Total Sales Volumes	232,512	232,512	232,512	232,512	232,512	232,512	232,512	232,512	10,315,142
Rate Structure									
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	
Annual Revenues									
Residential	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$242,558	\$11,859,239
Sm Commercial	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	\$41,542	2,056,312
Lg. Commercial	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	\$93,280	4,617,343
Lg Dmd Billed	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	\$124,606	6,228,015
Sm Interruptible	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	\$42,290	2,093,345
Lg Interruptible	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	\$9,398	465,221
TOTAL	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$553,674	\$27,319,476
101111	Ψυυυ,014	4333,074	9555,074	φυυυ,014	4555,074	φ333,07 4	φυυυ,014	Ψυυυ,014	Ψ=1,317,470

Surcharge (initially as CIAC)

 Residential
 \$3,523,956

 Sm Commercial
 395,737

Lg Commercial

Lg Dmd Billed Sm Interruptible

n Interruptible 800,400

Lg Interruptible

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Customer Information -									
	43	44	45	46	47	48	49	50	
	2057	2058	2059	2060	2061	2062	2063	2064	
Total Surcharge									4,720,093

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Customer Information	on -									
		43	44	45	46	47	48	49	50	
		2057	2058	2059	2060	2061	2062	2063	2064	
Annual Capital Inve	stments									
Project Cost w/o Cor	ntingenc <u>y</u>									
Transmission/Distrib	bution	0	0	0	0	0	0	0	0	2,377,260
Residential		0	0	0	0	0	0	0	0	1,238,600
Sm Commercial		0	0	0	0	0	0	0	0	97,500
Lg Commercial		0	0	0	0	0	0	0	0	30,000
Lg Dmd Billed		0	0	0	0	0	0	0	0	3,000
Interruptible		0	0	0	0	0	0	0	0	7,500
TOTAL		0	0	0	0	0	0	0	0	3,753,861
Project Cost Continge	ency									
Transmission/Distribu		0	0	0	0	0	0	0	0	0
Residential		0	0	0	0	0	0	0	0	121,575
Commercial		0	0	0	0	0	0	0	0	9,750
TOTAL		0	0	0	0	0	0	0	0	131,325
Surcharge - Actual										
Monthly Billings		0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0
Total Actual Capital	Costs									
W/O Removal Ex	pense	0	0	0	0	0	0	0	0	3,885,185
Rmvl Exp -	•	0	0	0	0	0	0	0	0	733,570
Total Capital w/ Rem	oval Expense	0	0	0	0	0	0	0	0	4,618,756
Surcharge Applied		0	0	0	0	0	0	0	0	1,312
Total Capital less Sur		0	0	0	0	0	0	0	0	4,617,443
O&M Expenses		102,480	102,480	102,480	102,480	102,480	102,480	102,480	102,480	4,859,147
Property Taxes	0.992%	37,238	37,238	37,238	37,238	37,238	37,238	37,238	37,238	1,839,614

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Present Value

Revenue Requirements Barnesville ES Model with 2014 Actual Costs Final Authorized

Docket No G002/GR-09-1153 Pre-Tax Model Current Weight Wtd. Cost Wtd. Cost ROR 10.09% 5.3000% 5.3000% 52.46% 5.2930% Preferred Stock 0.00% 0.00% 0.0000% 0.0000% 0.0000% 2.2500% 2.2500% Long-term Debt 6.36% 46.74% 2.9730% Short-term Debt 1.36% 0.80% 0.0110% 0.0100% 0.0100% 100.00% 8.2800% 7.5600% 7.5600%

Deficiency 482,723

Income Tax Rate Equity Return Gross-up

Equity

41.37% 7.5600% 0 1 = Last Auth/0 = Current

9.75%

Plant

		Plant	Customar	Total	Not													Non CIAC	Davanua	Present Value
		in Service	Customer Surcharge	Total Capital	Net Investment	Equity	Debt	Book	Tax	Deferred		Income	Property	Operating	Pileline	Total Revenue	Retail	Non-CIAC Surcharge	Revenue Deficiency	of Revenue Deficiency or
Time Period	Year	Additions	Revenue	Investment	Rate Base	Return	Return	Dep'n	Dep'n	Taxes	Salvage	Taxes	<u>Taxes</u>	Expenses	Supplier	Requirement	Revenues	Revenues	(Excess)	(Excess)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14a)	(14b)	(14c)	(15)	(16a)	(16b)	(17)	(18)
0	2014	2,377,260	1,312	2,375,948	2,336,272	61,911	26,400	5,694	87,835	33,982	0	(7,443)	0	5,408	110,973	236,925	(720)	0	236,205	236,205
1	2015	1,305,758	0	1,305,758	3,498,747	154,628	65,936	88,723	220,604	54,559	0	9,411	23,582	(116,424)	521,061	801,476	(329,428)	(228,384)	243,663	226,537
2	2016	23,462	0	23,462	3,352,955	181,570	77,424	109,487	253,956	59,767	0	15,348	35,395	94,241	607,729	1,180,961	(522,012)	(439,208)	219,741	189,937
3	2017	25,138	0	25,138	3,215,502	174,064	74,224	110,246	236,776	52,346	0	19,665	35,606	94,597	608,773	1,169,520	(526,004)	(443,383)	200,133	160,830
4	2018	25,138	0	25,138	3,084,212	166,942	71,187	111,031	220,762	45,396	0	23,668	35,833	95,221	609,853	1,159,131	(530,134)	(447,701)	181,297	135,452
5	2019	23,462	0	23,462	2,956,950 2,834,275	160,091	68,265	111,790	205,902	38,934	0	27,296	36,059	96,071	610,897	1,149,403	(534,126)	(451,875)	163,402	113,502
7	2020 2021	22,852 25,138	0	22,852 25,138	2,834,273	153,467 147,153	65,441 62,748	112,514 113,263	192,315 179,691	33,014 27,481	0	30,476 33,396	36,271 36,498	96,427 97,051	611,941 613,021	1,139,551 1,130,611	(538,118) (542,248)	(456,049) (460,367)	145,383 127,996	93,888 76,850
0	2021	25,138	0	25,138	2,604,669	141,068	60,154	113,203	179,691	25,087	0	33,273	36,724	97,031	614,101		(546,378)		111,068	61,999
0	2022	23,462	0	23,462	2,488,420	134,967	57,552	114,049	174,090	24,904	0	30,932	36,951	98,524	615,145	1,122,131 1,113,783	(550,370)	(464,686) (468,860)	94,553	49,070
10	2023	8,379	0	8,379	2,356,608	128,393	54,749	115,305	175,459	24,886	0	28,231	37,163	101,142	615,829	1,115,785	(552,986)	(471,595)	81,117	39,139
11	2025	0,377	0	0,577	2,216,497	121,187	51,676	115,436	175,081	24,675	0	25,460	37,103	102,480	616,009	1,094,163	(553,674)	(472,314)	68,174	30,582
12	2026	0	0	0	2,076,625	113,768	48,512	115,436	174,502	24,435	0	22,630	37,238	102,480	616,009	1,080,510	(553,674)	(472,314)	54,522	22,738
13	2027	0	0	0	1,936,943	106,360	45,353	115,436	174,045	24,246	0	19,755	37,238	102,480	616,009	1,066,878	(553,674)	(472,314)	40,890	15,855
14	2028	0	0	0	1,797,403	98,960	42,198	115,436	173,700	24,104	0	16,836	37,238	102,480	616,009	1,053,262	(553,674)	(472,314)	27,274	9,832
15	2029	0	0	0	1,657,961	91,567	39,046	115,436	173,464	24,006	0	13,875	37,238	102,480	616,009	1,039,658	(553,674)	(472,314)	13,670	4,581
16	2030	0	0	0	1,518,574	84,178	35,895	115,436	173,329	23,950	0	10,874	37,238	102,480	0	410,052	(553,674)	0	(143,621)	
17	2031	0	0	0	1,379,108	76,789	32,744	115,436	173,522	24,030	0	7,737	37,238	102,480	0	396,455	(553,674)	0	(157,219)	
18	2032	0	0	0	1,239,688	69,398	29,592	115,436	173,410	23,984	0	4,726	37,238	102,480	0	382,855	(553,674)	0	(170,819)	
19	2033	0	0	0	1,100,223	62,008	26,441	115,436	173,519	24,029	0	1,624	37,238	102,480	0	369,256	(553,674)	0	(184,418)	
20	2034	0	0	0	982,734	55,198	23,537	115,436	120,399	2,053	0	20,782	37,238	102,480	0	356,726	(553,674)	0	(196,948)	
21	2035	0	0	0	899,275	49,873	21,267	115,436	38,140	(31,977)	0	52,610	37,238	102,480	0	346,927	(553,674)	0	(206,747)	
22	2036	0	0	0	828,079	45,775	19,519	115,436	8,498	(44,240)	0	63,177	37,238	102,480	0	339,386	(553,674)	0	(214,288)	
23	2037	0	0	0	757,332	42,013	17,915	115,436	7,415	(44,689)	0	62,069	37,238	102,480	0	332,464	(553,674)	0	(221,210)	
24	2038	0	0	0	687,048	38,276	16,321	115,436	6,293	(45,152)	0	60,987	37,238	102,480	0	325,587	(553,674)	0	(228,087)	(39,672)
25	2039	0	0	0	617,213	34,563	14,738	115,436	5,210	(45,601)	0	59,899	37,238	102,480	0	318,754	(553,674)	0	(234,919)	(37,988)
26	2040	0	0	0	547,804	30,873	13,165	115,436	4,177	(46,028)	0	58,800	37,238	102,480	0	311,965	(553,674)	0	(241,709)	
27	2041	0	0	0	478,840	27,206	11,601	115,436	3,105	(46,471)	0	57,726	37,238	102,480	0	305,217	(553,674)	0	(248,457)	(34,728)
28	2042	0	0	0	410,339	23,563	10,048	115,436	1,983	(46,936)	0	56,684	37,238	102,480	0	298,514	(553,674)	0	(255,160)	(33,158)
29	2043	0	0	0	342,287	19,945	8,505	115,436	898	(47,385)	0	55,636	37,238	102,480	0	291,855	(553,674)	0	(261,819)	(31,632)
30	2044	0	0	0	274,530	16,346	6,970	115,436	187	(47,679)	0	54,441	37,238	102,480	0	285,233	(553,674)	0	(268,441)	(30,153)
31	2045	0	0	0	206,850	12,757	5,440	115,436	0	(47,756)	0	53,033	37,238	102,480	0	278,628	(553,674)	0	(275,045)	(28,723)
32	2046	0	0	0	139,170	9,170	3,910	115,436	0	(47,756)	0	51,549	37,238	102,480	0	272,028	(553,674)	0	(281,646)	(27,345)
33	2047	0	0	0	71,489	5,582	2,380	115,436	0	(47,756)	0	50,065	37,238	102,480	0	265,427	(553,674)	0	(288,247)	
34	2048	0	0	0	3,809	1,995	851	115,436	0	(47,756)	0	48,581	37,238	102,480	0	258,827	(553,674)	0	(294,847)	
35	2049	0	0	0	(63,871)	(1,592)	(679)	115,436	0	(47,756)	0	47,097	37,238	102,480	0	252,226	(553,674)	0	(301,448)	
36	2050	0	0	0	(131,551)	(5,179)	(2,208)	115,436	0	(47,756)	0	45,613	37,238	102,480	0	245,625	(553,674)	0	(308,048)	
37	2051	0	0	0	(199,231)	(8,766)	(3,738)	115,436	0	(47,756)	0	44,130	37,238	102,480	0	239,025	(553,674)	0	(314,649)	
38	2052	0	0	0	(266,911)	(12,353)	(5,267)	115,436	0	(47,756)	0	42,646	37,238	102,480	0	232,424	(553,674)	0	(321,250)	(20,142)
39	2053	0	0	0	(334,592)	(15,940)	(6,797)	115,436	0	(47,756)	0	41,162	37,238	102,480	0	225,824	(553,674)	0	(327,850)	
40	2054	0	0	0	(189,865)	(13,898)	(5,926)	109,742	0	102,121	(356,589)	(107,870)	37,238	102,480	0	223,887	(553,674)	0	(329,787)	
41	2055	0	0	0	(14,135)	(5,406)	(2,305)	26,713	0	123,997	(326,439)	(126,233)	37,238	102,480	0	156,484	(553,674)	0	(397,190)	
42	2056	0	0	0	(14,185)	(750)	(320)	5,949	0	(35)	(5,865)	(276)	37,238	102,480	0	144,287	(553,674)	0	(409,387)	
43	2057	0	0	0	(13,543)	(735)	(313)	5,190	0	453	(6,284)	(757)	37,238	102,480	0	143,557	(553,674)	0	(410,117)	
44	2058	0	0	0	(12,441)	(689)	(294)	4,405	0	778	(6,284)	(1,062)	37,238	102,480	0	142,857	(553,674)	0	(410,817)	
45	2059	0	0	0	(11,140)	(625)	(266)	3,646	0	918	(5,865)	(1,177)	37,238	102,480	0	142,215	(553,674)	0	(411,459)	
46 47	2060	0	0	0	(9,504)	(547)	(233)	2,922	0	1,155	(5,713)	(1,381)	37,238	102,480	0	141,634	(553,674)	0	(412,039)	
47	2061	0	0	0	(7,093)	(440)	(188)	2,173	0	1,701	(6,284)	(1,883)	37,238	102,480	0	141,082	(553,674)	0	(412,592)	
48 49	2062 2063	0	0	0	(4,222)	(300)	(128)	1,387 628	0	2,026 2,167	(6,284)	(2,150) (2,226)	37,238 37,238	102,480	0	140,554 140,085	(553,674) (553,674)	0	(413,119) (413,589)	
50	2063	0	0	0	(1,151) (0)	(142) (31)	(61) (13)	131	0	2,167 <u>812</u>	(5,865) (2,095)	(825)	37,238	102,480 102,480	0	139,793	(553,674) (553,674)	0	(413,880)	
Project Totals	2004	3,885,185	1,312	3,883,873	(0)	(31)	(13)	4,617,443	3,883,873	(0)	(733,570)	(023)	31,230	102,400	U	137,173	(333,014)	U	(8,371,779)	
1 Toject Totals		3,003,103	1,312	3,003,073				+,017,443	3,003,073	(0)	(133,310)								(0,3/1,//9)	404,143

Customer Information -	0	1	2	3	4	5	6	7	8	9	10	11
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Customer Growth												
Residential	207	292	294	295	297	298	300	301	303	304	306	306
Commercial	14	25	25	25	25	25	25	25	25	25	25	25
Lg Commercial	2	27	27	27	27	27	27	27	27	27	27	27
Large Demand Billed	0	1	1	1	1	1	1	1	1	1	1	1
Small Interruptible	0	1	1	1	1	1	1	1	1	1	1	1
Large Interruptible	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	223	346	348	349	351	352	354	355	357	358	360	360
Total Saturation Pct.	62%	96%	97%	97%	98%	98%	98%	99%	99%	99%	100%	100%
Sales Volumes - Mcf												
Residential	12,374	21,956	25,784	25,916	26,048	26,180	26,312	26,444	26,576	26,708	26,840	26,928
Sm Commercial	789	5,363	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875
Lg Commercial	0	47,850	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100
Large Demand Billed	0	5,033	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065
Sm. Interruptible	0	2,171	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342
Lg. Interruptible	0	0	0	0	0	0	0	0	0	0	0	0
Total Sales Volumes	13,163	82,372	136,166	136,298	136,430	136,562	136,694	136,826	136,958	137,090	137,222	137,310
Rate Structure	Final Rates @ Do											
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
Annual Revenues												
Residential	\$24,877	\$67,765	\$79,580	\$79,987	\$80,395	\$80,802	\$81,209	\$81,617	\$82,024	\$82,432	\$82,839	\$83,111
Sm Commercial	\$1,348	\$12,462	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978
Lg. Commercial	\$150	\$67,628	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928
Lg Dmd Billed	\$0	\$85,050	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791
Sm Interruptible	\$0	\$2,962	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924
Lg Interruptible	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$26,375	\$235,867	\$313,200	\$313,607	\$314,015	\$314,422	\$314,829	\$315,237	\$315,644	\$316,052	\$316,459	\$316,731
Surcharge (initially as CIAC)												
Residential	\$2,935	\$43,263	\$50,806	\$51,066	\$51,326	\$51,587	\$51,847	\$52,107	\$52,367	\$52,627	\$52,887	\$53,060
Sm Commercial	\$784	\$8,190	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500
Lg Commercial	\$725	\$54,810	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060	\$102,060
Lg Dmd Billed							00.400	00.400		00.400	00.100	\$8,400
Lg Dilla Billea	\$0	\$4,200	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$6,400
Sm Interruptible Lg Interruptible	\$0 \$0 \$0	\$4,200 \$4,200 \$0	\$8,400 \$8,400 \$0									

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Customer Information -												
	0	1	2	3	4	5	6	7	8	9	10	11
•	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Surcharge	\$4,444	\$114,663	\$180,166	\$180,426	\$180,686	\$180,947	\$181,207	\$181,467	\$181,727	\$181,987	\$182,247	\$182,420
Term	0	1	2	3	4	5	6	7	8	9	10	11

Customer Information -												
	0	1	2	3	4	5	6	7	8	9	10	11
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Annual Capital Investments												
Project Cost w/o Contingency												
Transmission/Distribution	2,787,416	0	0	0	0	0	0	0	0	0	0	0
Residential	0	143,933	3,387	1,693	3,387	1,693	3,387	1,693	3,387	1,693	3,387	0
Sm Commercial	0	18,627	0	0	0	0	0	0	0	0	0	0
Lg Commercial	0	63,122	0	0	0	0	0	0	0	0	0	0
Lg Dmd Billed	0	2,525	0	0	0	0	0	0	0	0	0	0
Interruptible	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	2,787,416	228,207	3,387	1,693	3,387	1,693	3,387	1,693	3,387	1,693	3,387	0
P :												
Project Cost Contingency Transmission/Distribution			0			0			0			
Residential	0	0 14,393	0 339	0 169	0 339	0 169	0	0 169	0 339	0 169	0 339	0
Residential	U	14,393	339	169	339	169	U	109	339	109	339	U
G : 1												
Commercial	0	2,045	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2,045 16,438	339	169	339	0 169	0	0 169	339	169	339	0
TOTAL												
TOTAL Surcharge - Actual									339	169	339	0
TOTAL Surcharge - Actual Monthly Billings	0	16,438	339	169	339	169	0	169	339	169	339	0
TOTAL Surcharge - Actual									339	169	339	0
TOTAL <u>Surcharge - Actual</u> Monthly Billings Total	0	16,438	339	169	339	169	0	169	339	169	339	0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs	0	16,438	339	169 0	339	169	0	169	0 0	0 0	339 0 0	0 0 0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense	0 0 2,787,416	16,438 0 244,646	339 0 3,725	169 0 1,863	339 0 3,725	169 0 1,863	0 0 3,387	169 0 1,863	339 0 0 3,725	0 0 0	339 0 0 3,725	0 0 0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense Rmvl Exp -	0 0 2,787,416 696,854	16,438	339	169 0	339	169 0 1,863 466	0	169 0 1,863 466	0 0	0 0	339 0 0	0 0 0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense	0 0 2,787,416	16,438 0 244,646 61,161	339 0 3,725 931	169 0 1,863 466	339 0 3,725 931	169 0 1,863	0 0 3,387 847	169 0 1,863	339 0 0 3,725 931	169 0 0 1,863 466	339 0 0 3,725 931	0 0 0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense Rmvl Exp - Total Capital w/ Removal Expense	0 0 2,787,416 696,854 3,484,270	16,438 0 244,646 61,161 305,807	339 0 3,725 931 4,657	169 0 1,863 466 2,328	339 0 3,725 931 4,657	1,863 466 2,328	0 3,387 847 4,233	1,863 466 2,328	339 0 0 3,725 931 4,657	169 0 0 1,863 466 2,328	339 0 0 3,725 931 4,657	0 0 0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense Rmvl Exp - Total Capital w/ Removal Expense Surcharge Applied Total Capital less Surcharge Rev	0 2,787,416 696,854 3,484,270 4,444 \$3,479,826	16,438 0 244,646 61,161 305,807 0 \$305,807	339 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	339 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	0 3,387 847 4,233 0 \$4,233	169 0 1,863 466 2,328 0 \$2,328	339 0 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	339 0 0 3,725 931 4,657 0 \$4,657	0 0 0 0 0 0 0 0 \$0
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense Rmvl Exp - Total Capital w/ Removal Expense Surcharge Applied Total Capital less Surcharge Rev O&M Expenses	0 2,787,416 696,854 3,484,270 4,444 \$3,479,826 12,683	16,438 0 244,646 61,161 305,807 0 \$305,807 48,052	339 0 3,725 931 4,657 0 \$4,657 81,884	169 0 1,863 466 2,328 0 \$2,328	339 0 3,725 931 4,657 0 \$4,657 82,022	169 0 1,863 466 2,328 0 \$2,328 82,336	0 3,387 847 4,233 0 \$4,233 82,161	169 0 1,863 466 2,328 0 \$2,328 82,475	339 0 0 3,725 931 4,657 0 \$4,657	169 0 0 1,863 466 2,328 0 \$2,328	339 0 0 3,725 931 4,657 0 \$4,657	0 0 0 0 0 0 0 0 0 80
TOTAL Surcharge - Actual Monthly Billings Total Total Actual Capital Costs W/O Removal Expense Rmvl Exp - Total Capital w/ Removal Expense Surcharge Applied Total Capital less Surcharge Rev	0 2,787,416 696,854 3,484,270 4,444 \$3,479,826	16,438 0 244,646 61,161 305,807 0 \$305,807	339 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	339 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	0 3,387 847 4,233 0 \$4,233	169 0 1,863 466 2,328 0 \$2,328	339 0 0 3,725 931 4,657 0 \$4,657	1,863 466 2,328 0 \$2,328	339 0 0 3,725 931 4,657 0 \$4,657	0 0 0 0 0 0 0 0 \$0

Customer Information -															
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Customer Growth															
Residential	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306
Commercial	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Commercial	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Lg Commercial	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Large Demand Billed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Small Interruptible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sman interruptione	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Large Interruptible	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360
Total Saturation Pct.															
Calas Walsons - Maf															
Sales Volumes - Mcf Residential	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928
Sm Commercial	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875
Lg Commercial	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100
Large Demand Billed	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065
Sm. Interruptible	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342
Lg. Interruptible	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342
Total Sales Volumes	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310
Total Sales Volumes	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310
Rate Structure															
Residential Margin/Mcf	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591
Residential Annual Charge	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315
Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
Annual Revenues	*******	002.111	000.111	****	002.444	000.111	000.111	002.444	000.111	****	002444	000 111	000.111	****	002.111
Residential	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111
Sm Commercial	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978
Lg. Commercial	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928
			\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791 \$5,924	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791
Lg Dmd Billed	\$85,791	\$85,791		05.004					\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924
Sm Interruptible	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924								
Sm Interruptible Lg Interruptible	\$5,924 \$0	\$5,924 \$0	\$5,924 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sm Interruptible	\$5,924	\$5,924	\$5,924												\$0 \$316,731
Sm Interruptible Lg Interruptible TOTAL	\$5,924 \$0	\$5,924 \$0	\$5,924 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC)	\$5,924 \$0 \$316,731	\$5,924 \$0 \$316,731	\$5,924 \$0 \$316,731	\$0 \$316,731	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC) Residential	\$5,924 \$0 \$316,731 \$53,060	\$5,924 \$0 \$316,731 \$53,060	\$5,924 \$0 \$316,731 \$53,060	\$0 \$316,731 \$53,060	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC) Residential Sm Commercial	\$5,924 \$0 \$316,731 \$53,060 \$10,500	\$5,924 \$0 \$316,731 \$53,060 \$10,500	\$5,924 \$0 \$316,731 \$53,060 \$10,500	\$0 \$316,731 \$53,060 \$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC) Residential Sm Commercial Lg Commercial	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$0 \$316,731 \$53,060 \$10,500 \$102,060	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC) Residential Sm Commercial Lg Commercial Lg Dmd Billed	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060 \$8,400	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060 \$8,400	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060 \$8,400	\$0 \$316,731 \$53,060 \$10,500 \$102,060 \$8,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sm Interruptible Lg Interruptible TOTAL Surcharge (initially as CIAC) Residential Sm Commercial Lg Commercial	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$5,924 \$0 \$316,731 \$53,060 \$10,500 \$102,060	\$0 \$316,731 \$53,060 \$10,500 \$102,060	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

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Customer Information -															
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total Surcharge	\$182,420	\$182,420	\$182,420	\$182,420											
Term	12	13	14	15											

12 13 14 15 16 17 18 19 20 21 22 23 24 2	20
	26
2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 203	2040
Annual Capital Investments	
Project Cost w/o Contingency	
Transmission/Distribution 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Residential 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Sm Commercial 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Lg Commercial 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Lg Dmd Billed 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Interruptible 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
TOTAL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Project Cost Contingency	
Transmission/Distribution 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Residential 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Commercial 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
TOTAL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Surcharge - Actual	
Surcharge - Actual Monthly Billings 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
1961	Ü
Total Actual Capital Costs	
W/O Removal Expense 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Rmvl Exp - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Total Capital w/ Removal Expense 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Surcharge Applied 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
Total Capital less Surcharge Rev \$0 \$0 \$0 \$0 0 0 0 0 0 0 0 0 0 0 0	0
O&M Expenses 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974 82,974	82,974
Property Taxes 1.839% 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893 55.893	55,893
TOTAL 138,867 138,867 138,867 138,867 138,867 138,867 138,867 138,867 138,867 138,867 138,867 138,867	138,867

Customer Growth Customer G	Customer Information -															
Commercial 1.5		27 2041	28 2042	29 2043	30 2044	31 2045	32 2046	33 2047	34 2048	35 2049	36 2050	37 2051	38 2052	39 2053	40 2054	41 2055
Page		306	306	306	306	306	306	306	306	306	306	306	306	306	306	306
Page Page Manuel Billed 1	Commercial	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Part	Lg Commercial	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Page Interruptible 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Large Demand Billed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Part	Small Interruptible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sales Volumes - Met	C I															
Residential Margin/Mef S1.859 S1.231 S1.		300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Second column		26.020	26.022	26.020	26.020	26.000	26.022	26.000	26.020	26.020	26.020	26.020	26,020	26.020	26.000	26.020
Part		- /	- /		- /										- ,	- /
Part																
Mathematic	2															
Residential Margin/Mcf \$1.8591	1															
Residential Margin/Mcf	Total Sales Volumes	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310
Residential Annual Charge \$108.00 \$108.0		φ1 0 5 01	#1 0501	#1 0501	#1 0501	#1.0501	#1.0501	¢1 0501	#1 0 5 01	#1 0 5 01	#1 0501	#1 0501	#1 0501	\$1.0701	\$1.0701	\$1.0701
Sm.C&I Margin/Mcf \$1,2331	ē															
Sm.C&I Annual Charge \$300.00 \$	2															
Lg.C&I Margin/Mcf \$1,2315	e e															
Lg.C&I Annual Charge \$600.00 <td>_</td> <td></td>	_															
Lg Dmd Billed Com Margin																
Lig Dmd Billed Annual Charge \$3,300.00	Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947
Small Interruptible: Margin/Mcf \$0.9635 <th< td=""><td>Lg Dmd Billed Com Margin</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td><td>\$0.4751</td></th<>	Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751
Small. Interruptible: AnnT Charge \$1,740.00 \$	Lg Dmd Billed Annual Charge															
Large Interruptible: Margin/Mcf Large Interruptible: Ann'l Charge \$5,400.00																
Large Interruptible: Ann I Charge \$5,400.00 \$	1															
Annual Revenues Residential \$83,111 <td></td>																
Residential \$83,111	Large Interruptible: Ann'i Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
Sm Commercial \$15,978																
Lg. Commercial \$125,928		, ,	, ,	,	, ,	,	, ,	, ,	,	,	,	,	,		,	, ,
Lg Dmd Billed \$85,791		,		,	, -,-										,	
Sm Interruptible \$5,924	2															
Lg Interruptible \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	•															
	TOTAL	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731	\$316,731

Surcharge (initially as CIAC)

Residential

Sm Commercial

Lg Commercial Lg Dmd Billed

Sm Interruptible

Lg Interruptible

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Customer Information -															
	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Total Surcharge															

Customer Information -	27 2041	28 2042	29 2043	30 2044	31 2045	32 2046	33 2047	34 2048	35 2049	36 2050	37 2051	38 2052	39 2053	40 2054	41 2055
Annual Capital Investments															
Project Cost w/o Contingency															
Transmission/Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sm Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lg Dmd Billed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interruptible	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B 1 10 10 1															
Project Cost Contingency	0							0							0
Transmission/Distribution Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	Ü	Ü	U	U	0	0	Ü	U	Ü	U	U	U	U	Ü	U
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge - Actual															
Monthly Billings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Actual Capital Costs															
W/O Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rmvl Exp -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital w/ Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge Applied	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Capital less Surcharge Rev	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Expenses	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974
Property Taxes 1.839%	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893
TOTAL	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867

Customer Information -										
Customer information -	42	43	44	45	46	47	48	49	50	
	2056	2057	2058	2059	2060	2061	2062	2063	2064	
Customer Growth										
Residential	306	306	306	306	306	306	306	306	306	
	2.5	25	2.5	25	2.5	25	2.5	2.5	2.5	
Commercial	25	25	25	25	25	25	25	25	25	
Lg Commercial	27	27	27	27	27	27	27	27	27	
Large Demand Billed	1	1	1	1	1	1	1	1	1	
Small Interruptible	1	1	1	1	1	1	1	1	1	
Large Interruptible	0	0	0	0	0	0	0	0	0	
TOTAL	360	360	360	360	360	360	360	360	360	•
Total Saturation Pct.										•
Sales Volumes - Mcf										
Residential	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	26,928	1,348,258
Sm Commercial	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	343,027
Lg Commercial	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	89,100	4,413,750
Large Demand Billed	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	10,065	7,046
Sm. Interruptible	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	4,342	214,929
Lg. Interruptible	0	0	0	0	0	0	0	0	0	0
Total Sales Volumes	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	137,310	6,327,009
Rate Structure										
	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	\$1.8591	
Residential Margin/Mcf Residential Annual Charge	\$1.8391	\$1.8591	\$1.8591	\$1.0591	\$1.0591	\$1.0591	\$1.8591	\$1.8591	\$1.8591	
Sm.C&I Margin/Mcf	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	\$1.2331	
Sm.C&I Annual Charge	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Lg.C&I Margin/Mcf	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1.2315	\$1,2315	\$1.2315	\$1.2315	
Lg.C&I Margh/Mci Lg.C&I Annual Charge	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	
Lg Dmd Billed Dmd Margin	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	\$8.0947	
Lg Dmd Billed Com Margin	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	\$0.4751	
Lg Dmd Billed Annual Charge	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	
Small Interruptible: Margin/Mcf	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	\$0.9635	
Small. Interruptible: Ann'l Charge	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	\$1,740.00	
Large Interruptible: Margin/Mcf	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	\$0.43	
Large Interruptible: Ann'l Charge	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	
Annual Revenues										
Residential	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$83,111	\$4,147,953
Sm Commercial	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	\$15,978	796,711
Lg. Commercial	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	6,238,227
Lg Dmd Billed	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	\$85,791	4,288,819
Sm Interruptible	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	293,223
		,	,		,	,- = •				
Lg Interruptible	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
Lg Interruptible TOTAL	\$0 \$316,731	\$15,764,933								

Surcharge (initially as CIAC)

Residential Sm Commercial

Lg Commercial

Lg Dmd Billed

Sm Interruptible Lg Interruptible

\$778,120 155,974

121,800

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Customer Information
42 43 44 45 46 47 48 49 50
2056 2057 2058 2059 2060 2061 2062 2063 2064

Total Surcharge 1,055,894

Customer Information -										
	42	43	44	45	46	47	48	49	50	
	2056	2057	2058	2059	2060	2061	2062	2063	2064	
Annual Capital Investments										
Project Cost w/o Contingency										
Transmission/Distribution	0	0	0	0	0	0	0	0	0	2,787,416
Residential	0	0	0	0	0	0	0	0	0	167,639
Sm Commercial	0	0	0	0	0	0	0	0	0	18,627
Lg Commercial	0	0	0	0	0	0	0	0	0	63,122
Lg Dmd Billed	0	0	0	0	0	0	0	0	0	2,525
Interruptible	0	0	0	0	0	0	0	0	0	1
TOTAL	0	0	0	0	0	0	0	0	0	3,039,330
Project Cost Contingency										
Transmission/Distribution	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	16,425
Commercial	0	0	0	0	0	0	0	0	0	2.045
TOTAL	0	0	0	0	0	0	0	0	0	2,045 18,470
TOTAL	Ü	0	U	U	U	U	U	U	U	18,470
Surcharge - Actual										
Monthly Billings	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Total Actual Capital Costs										
W/O Removal Expense	0	0	0	0	0	0	0	0	0	3,057,800
Rmvl Exp -	0	0	0	0	0	0	0	0	0	764,450
Total Capital w/ Removal Expense	0	0	0	0	0	0	0	0	0	3,822,250
Surcharge Applied	0	0	0	0	0	0	0	0	0	4,444
Total Capital less Surcharge Rev	0	0	0	0	0	0	0	0	0	3,817,806
O&M Expenses	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	82,974	4,120,110
Property Taxes 1.839%	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	55,893	2,787,851
TOTAL	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	138,867	6,907,961

Revenue Require	ements																			
Holdingford ES		2014 Actual C	osts																	
]	Final Authorize t No G002/GR-	ed																	
	Восис	1110 0002/01	Pre-Tax	Model	Current															
	Cost	Weight	Wtd. Cost	Wtd. Cost	ROR															
Equity	10.09%	52.46%	5.2930%	5.3000%	5.3000%															
Preferred Stock Long-term Debt	0.00% 6.36%	0.00% 46.74%	0.0000% 2.9730%	0.0000% 2.2500%	0.0000% 2.2500%															
Short-term Debt	1.36%	0.80%	0.0110%	0.0100%	0.0100%	-	Deficiency													
Income Tax Rate		100.00%	8.2800% 7.5600%	7.5600%	7.5600% 1 = Last Auth/0 = Curr	ent	1,292,408													
Equity Return Gro	oss-up	Plant	9.75%																	Present Value
		in	Customer	Total	Net													Non-CIAC	Revenue	of Revenue
		Service	Surcharge	Capital	Investment	Equity	Debt	Book	Tax	Deferred		Income	Property	Operating	Pileline	Total Revenue	Retail	Surcharge	Deficiency	Deficiency or
Time Period (1)	Year (2)	Additions (3)	Revenue (4)	Investment (5)	Rate Base (6)	Return (7)	Return (8)	<u>Dep'n</u> (9)	<u>Dep'n</u> (10)	<u>Taxes</u> (11)	Salvage (12)	<u>Taxes</u> (13)	Taxes (14a)	Expenses (14b)	Supplier (14c)	Requirement (15)	Revenues (16a)	Revenues (16b)	(Excess) (17)	(Excess) (18)
0	2014	2,787,416	4,444	2,782,972	2,178,110	57,720	24,613	14,501	1,441,528	590,361	0	(563,347)	0	12,683	29,281	165,811	(26,375)	0	139,436	139,436
1	2014	244,646	0	244,646	2,324,082	119,308	50,875	90,824	109,800	7,850	0	41,507	51,261	48,052	183,811	593,488	(235,867)	(114,663)	242,957	225,881
2	2016	3,725	0	3,725	2,226,404	120,588	51,420	94,700	110,903	6,703	0	43,184	55,457	81,884	230,612	684,548	(313,200)	(180,166)	191,182	165,251
3	2017	1,863	0	1,863	2,130,159	115,449	49,229	94,787	102,812	3,320	0	44,441	55,520	82,197	230,726	675,670	(313,607)	(180,426)	181,636	145,966
4	2018	3,725	0	3,725	2,038,866	110,479	47,110	94,874	95,223	144	0	45,561	55,551	82,022	230,841	666,583	(314,015)	(180,686)	171,882	128,418
5 6	2019	1,863	0	1,863	1,948,544	105,666	45,058	94,962	88,251	(2,776)	0	46,491	55,613	82,336	230,956	658,305	(314,422)	(180,947)	162,937	113,179
7	2020 2021	3,387 1,863	0	3,387 1,863	1,862,321 1,776,999	100,988 96,442	43,063 41,124	95,043 95,125	81,908 75,931	(5,434) (7,941)	0	47,213 47,839	55,644 55,706	82,161 82,475	231,071 231,186	649,749 641,957	(314,829) (315,237)	(181,207) (181,467)	153,713 145,253	99,267 87,211
8	2021	3,725	0	3,725	1,694,153	91,986	39,224	95,123	74,326	(8,641)	0	46,695	55,738	82,300	231,301	633,814	(315,644)	(181,727)	136,443	76,163
9	2023	1,863	0	1,863	1,609,401	87,544	37,330	95,300	74,306	(8,685)	0	44,902	55,800	82,614	231,416	626,220	(316,052)	(181,987)	128,181	66,522
10	2024	3,725	0	3,725	1,526,408	83,099	35,435	95,387	74,433	(8,669)	0	43,047	55,831	82,438	231,530	618,098	(316,459)	(182,247)	119,392	57,606
11	2025	0	0	0	1,439,632	78,600	33,516	95,445	74,488	(8,670)	0	41,187	55,893	82,974	231,607	610,552	(316,731)	(182,420)	111,401	49,972
12	2026	0	0	0	1,352,889	74,002	31,555	95,445	74,411	(8,702)	0	39,316	55,893	82,974	231,607	602,091	(316,731)	(182,420)	102,940	42,931
13 14	2027 2028	0	0	0	1,266,173 1,179,476	69,405 64,810	29,595 27,636	95,445 95,445	74,346 74,297	(8,729) (8,749)	0	37,441 35,561	55,893 55,893	82,974 82,974	231,607 231,607	593,632 585,176	(316,731) (316,731)	(182,420) (182,420)	94,481 86,025	36,634 31,011
15	2029	0	0	0	1,092,796	60,215	25,677	95,445	74,259	(8,765)	0	33,676	55,893	82,974	231,607	576,722	(316,731)	(182,420)	77,571	25,998
16	2030	0	0	0	1,006,125	55,621	23,718	95,445	74,236	(8,774)	0	31,785	55,893	82,974	0	336,662	(316,731)	0	19,931	6,210
17	2031	0	0	0	919,403	51,026	21,758	95,445	74,360	(8,723)	0	29,833	55,893	82,974	0	328,207	(316,731)	0	11,476	3,325
18	2032	0	0	0	832,729	46,431	19,799	95,445	74,243	(8,771)	0	27,980	55,893	82,974	0	319,751	(316,731)	0	3,021	814
19 20	2033 2034	0	0	0	746,007 672,191	41,837 37,582	17,840 16,026	95,445 95,445	74,358 43,163	(8,724)	0	26,031 37,177	55,893 55,893	82,974 82,974	0	311,296 303,468	(316,731)	0	(5,435) (13,263)	
20	2034	0	0	0	613,499	34,071	14,528	95,445	6,604	(21,629) (36,753)	0	50,849	55,893	82,974	0	297,006	(316,731) (316,731)	0	(19,724)	
22	2036	0	0	0	557,099	31,021	13,228	95,445	1,065	(39,045)	0	51,878	55,893	82,974	0	291,394	(316,731)	0	(25,337)	
23	2037	0	0	0	500,750	28,033	11,954	95,445	941	(39,096)	0	50,694	55,893	82,974	0	285,896	(316,731)	0	(30,835)	
24	2038	0	0	0	444,453	25,048	10,681	95,445	816	(39,148)	0	49,510	55,893	82,974	0	280,403	(316,731)	0	(36,327)	
25	2039	0	0	0	388,208	22,066	9,409	95,445	692	(39,199)	0	48,328	55,893	82,974	0	274,915	(316,731)	0	(41,815)	
26 27	2040 2041	0	0	0	332,011 275,862	19,086 16,109	8,138 6,869	95,445 95,445	574 458	(39,248) (39,296)	0	47,144 45,960	55,893 55,893	82,974 82,974	0	269,432 263,954	(316,731) (316,731)	0	(47,298) (52,777)	
28	2041	0	0	0	219,765	13,134	5,601	95,445	332	(39,348)	0	44,782	55,893	82,974	0	258,480	(316,731)	0	(58,250)	
29	2043	0	0	0	163,719	10,162	4,333	95,445	208	(39,400)	0	43,604	55,893	82,974	0	253,012	(316,731)	0	(63,719)	
30	2044	0	0	0	107,725	7,193	3,067	95,445	83	(39,451)	0	42,427	55,893	82,974	0	247,549	(316,731)	0	(69,182)	
31	2045	0	0	0	51,766	4,227	1,802	95,445	0	(39,486)	0	41,234	55,893	82,974	0	242,089	(316,731)	0	(74,641)	
32 33	2046 2047	0	0	0	(4,194)	1,261	538	95,445	0	(39,486)	0	40,007 38,780	55,893 55,893	82,974 82,974	0	236,632	(316,731)	0	(80,099)	
33 34	2047	0	0	0	(60,153) (116,113)	(1,705) (4,671)	(727) (1,992)	95,445 95,445	0	(39,486) (39,486)	0	38,780	55,893 55,893	82,974 82,974	0	231,174 225,717	(316,731) (316,731)	0	(85,556) (91,014)	
35	2048	0	0	0	(172,072)	(7,637)	(3,256)	95,445	0	(39,486)	0	36,326	55,893	82,974	0	220,259	(316,731)	0	(96,471)	
36	2050	0	0	0	(228,032)	(10,603)	(4,521)	95,445	0	(39,486)	0	35,099	55,893	82,974	0	214,802	(316,731)	0	(101,929)	
37	2051	0	0	0	(283,991)	(13,569)	(5,786)	95,445	0	(39,486)	0	33,872	55,893	82,974	0	209,344	(316,731)	0	(107,386)	(7,242)
38	2052	0	0	0	(339,951)	(16,534)	(7,051)	95,445	0	(39,486)	0	32,645	55,893	82,974	0	203,887	(316,731)	0	(112,844)	
39	2053	0	0	0	(395,910)	(19,500)	(8,315)	95,445	0	(39,486)	(606.954)	31,418	55,893	82,974	0	198,429	(316,731)	0	(118,301)	
40 41	2054 2055	0	0	0	(34,802) (1,653)	(11,414) (966)	(4,867) (412)	80,944 4,622	0	254,802 23,391	(696,854) (61,161)	(259,524) (23,790)	55,893 55,893	82,974 82,974	0	198,808 141,711	(316,731) (316,731)	0	(117,922) (175,020)	
42	2056	0	0	0	(1,544)	(85)	(36)	745	0	23,391	(931)	(112)	55,893	82,974	0	139,456	(316,731)	0	(177,274)	
43	2057	0	0	0	(1,657)	(85)	(36)	658	0	(80)	(466)	44	55,893	82,974	0	139,369	(316,731)	0	(177,362)	
44	2058	0	0	0	(1,445)	(82)	(35)	571	0	149	(931)	(183)	55,893	82,974	0	139,287	(316,731)	0	(177,444)	
45	2059	0	0	0	(1,456)	(77)	(33)	484	0	(7)	(466)	(24)	55,893	82,974	0	139,209	(316,731)	0	(177,522)	
46	2060	0	0	0	(1,195)	(70)	(30)	402	0	184	(847)	(213)	55,893	82,974	0	139,139	(316,731)	0	(177,591)	
47 48	2061 2062	0	0	0	(1,109) (700)	(61)	(26) (20)	320 233	0	60 289	(466) (931)	(86)	55,893 55,893	82,974 82,974	0	139,074 139,011	(316,731)	0	(177,656) (177,719)	
48 49	2062	0	0	0	(512)	(48)	(20)	233 145	0	133	(466)	(146)	55,893	82,974 82,974	0	139,011	(316,731) (316,731)	0	(177,719)	
50	2064	0	<u>0</u>	0	(0)	(14)	(6)	58	<u>0</u>	361	(931)	(367)	55,893	82,974	0	138,900	(316,731)	0	(177,830)	(4,650)
Project Totals		3,057,800	4,444	3,053,356		. /	. ,	3,817,806	3,053,356	(0)	(764,450)	. /		,			. , ,		(943,462)	

CERTIFICATE OF SERVICE

I, Tiffany R. Hughes, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

- <u>xx</u> by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota
- xx electronic filing

Docket Nos. G002/M-15-195

Dated this 26th day of March 2015

/s/

Tiffany R. Hughes Records Analyst

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