



414 Nicollet Mall
Minneapolis, MN 55401

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January 12, 2016

—Via Electronic Filing—

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

RE: PETITION
REQUEST FOR EXTENSION SURCHARGE FOR ULEN AND HITTERDAL
DOCKET NO. G002/M-16-____

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition for approval of Extension Surcharge Riders for the cities of Ulen and Hitterdal and surrounding areas. We respectfully request approval of these riders prior to construction season so the Company will be able to complete work in time for customers to receive gas service in time for the winter heating season. We understand the current resource constraint at the Department, and we are available to discuss this request at any time in order to assist parties in their review.

Portions of our filing contain “Trade Secret Data” as defined by Minn. Stat. § 13.37(1)(b). The data identified as trade secret has economic value to us, our customers, suppliers, and competitors and therefore is marked as trade secret. For this reason, Xcel Energy maintains this information as non-public. We have provided both public and non-public versions of this filing.

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 me at amy.a.liberkowski@xcelenergy.com or (612) 330-6613 if you have any questions regarding this filing.

Sincerely,

/s/

AMY LIBERKOWSKI
MANAGER, REGULATORY ANALYSIS

Enclosures
c: Service List

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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 FOR ULEN, HITTERDAL, AND
SURROUNDING COMMUNITIES

DOCKET NO. G002/M-16-____

PETITION

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition for approval of an Extension Surcharge (ES) Rider for the communities of Ulen and Hitterdal, Minnesota, and surrounding townships. In addition to the request for the Ulen-Hitterdal area, we also identify the formal names of the communities served under our existing ES Riders serving Holdingford and Barnesville in west-central Minnesota.

The Company proposes to provide gas service to the communities of Ulen and Hitterdal and surrounding townships under the terms of the recently approved New Area Surcharge (NAS) and Extension Surcharge (ES) Riders tariff.¹ The Rider treatment that applies in this case is the ES, rather than the NAS, because a third party built all or part of the transmission pipeline and the Company will enter into a demand entitlement contract to pay for the construction of the pipeline.

In this filing, Xcel Energy seeks approval to:

- provide service under the governance of our ES tariff to Ulen and Hitterdal, which includes the City of Ulen, City of Hitterdal, and the Townships of Goose Prairie, Ulen, and Highland Grove;

¹ Minnesota Gas Rate Book – MPUC No. 2, Sheet Nos. 5-45 through 5-51.

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- modify the terms of our proposed modified ES Rider tariff for the communities of Ulen and Hitterdal, and
- assume the existing Firm Transportation Agreement between Greater Minnesota Transmission and West Central Ag Services.

In this filing, we also acknowledge the inclusion of Elmdale Township in the Holdingford ES and acknowledge the inclusion of Spring Prairie, Barnesville, and Cromwell Townships to the Barnesville ES. These communities were not individually named in our Petition in Docket No. G002/M-14-583 where we sought approval to serve Holdingford, Barnesville, and surrounding areas as discussed later in this Petition. This Petition is being served additionally on this docket's (G002/M-14-583) service list.

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 lists, which includes Docket No. G002/M-14-583.

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

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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 January 12, 2016. The Company requests the Commission approve this Petition by May 15, 2016. Approval by this date would allow the Company to provide natural gas service to the communities of Ulen, Hitterdal, and surrounding areas before the 2016-2017 winter heating season enabling customers to convert their heating systems and appliances before freezing temperatures arrive. In addition, installation costs can be reduced to the extent infrastructure and services are constructed prior to the onset of winter conditions.

D. Statute Controlling Schedule for Processing the Filing

Minn. Stat. § 216B.16 subd. 1 requires 60-day 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

Amy Liberkowski
Manager, Regulatory Analysis
Xcel Energy
414 Nicollet Mall, 7th Floor
Minneapolis, MN 55401
(612) 330-6613

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:

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Alison Archer
Assistant General Counsel
Xcel Energy
414 Nicollet Mall, 5th Floor
Minneapolis, MN 55401
alison.c.archer@xcelenergy.com

SaGonna Thompson
Regulatory Administrator
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. Thompson at the Regulatory Records email address above.

V. DESCRIPTION AND PURPOSE OF FILING

A. Background

The NAS and ES Riders mitigate cost increases on existing customers when new gas service is brought to communities where it is not economically justified. The Riders recover the Company's revenue deficiency from customers willing to pay more to receive natural gas service.

The NAS was introduced in the 1990s, and the ES Rider began in 2015. On March 2, 2015, the Company proposed a new accounting treatment and terms for service extension where a third party is contracted for the gas transportation facilities.² The Commission approved the Company's proposal on July 10, 2015. The Commission has recently approved new gas service for the communities of Pillager, Barnesville, and Holdingford, Minnesota, with the latter two communities and surrounding areas taking service under the ES.³ When proposing the ES, we noted that we would be requesting similar treatment for other communities and customers as they began to request gas service from the Company. We are pleased to be able to provide gas service to new customers and communities through the ES, and we hope to soon serve new customers in the Ulen-Hitterdal area.

B. Proposal

1. Ulen, Hitterdal, and Surrounding Area

We seek approval to provide gas service to Ulen and Hitterdal under the terms of our ES Rider including approval of a tariff modification reflecting the terms of service for

² Docket No. G002/M-15-195.

³ Docket No. G002/M-14-583.

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these communities and the assumption of a construction agreement to build the pipeline.

As a general matter, ES and NAS projects are uneconomic and require new customers to pay a substantial up-front Contribution in Aid of Construction (CIAC). The Company offers service extensions to customers requesting new natural gas services that are relatively close to existing facilities. The Company's service extension policy states that every residential customer will receive a 75-foot allowance when constructing a new service line extension.⁴ The Commission's general policy on extension costs is that such costs should be fairly absorbed by both new and existing customers because each customer receives benefits from the addition of new customers.⁵

By adding new customers to the overall customer base, the existing customers receive a benefit by having a larger customer base to spread costs over in a rate case, thus reducing base tariff factors. Existing customers help pay for the service extension by absorbing the Commission-approved extension allowance costs in the rate base (plant accounts) during a rate case. The new extension customer receives its benefit by not being required to pay the entire extension construction costs. In other words, the new customer receives a service line allowance. Thus, all customers receive a benefit from the service line extension and the associated costs are fairly apportioned between all of the Company's customers.

a. Modification to Existing Tariff

The Ulen/Hitterdal model excludes the cost of service line extension allowances. The Company proposes to seek recovery of these costs through its rate base during a rate case similar to how service extension allowances are recovered. This change to the model would be equitable for all customers and enable sharing of ES/NAS construction costs and related benefits. The ES/NAS customers would still continue to pay the costs for service lengths beyond the standard 75 foot service. Language reflecting the service extension allowance provision is reflected in the attached proposed tariff Sheet No. 5-47, as well as the detailed accounting model.

⁴ Minnesota Gas Rate Book - MPUC No. 2, Section 6, Sheet No. 18.1 states "The Company will designate the location of and, at its own expense, furnish and install a residential service of proper capacity for a maximum straight line distance of 75 feet [...]."

⁵ Docket No. G011/M-15-441, Staff Briefing Papers dated June 29, 2015.

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b. Assumption of Construction Agreement

In order to provide service to these communities, the Company will assume an existing agreement between West Central Ag Services (WCAS) and Greater Minnesota Transmission (GMT).⁶ The agreement provides for the construction of the pipeline from the Barnesville town border station past Hitterdal to Ulen and for capacity on the line. The Company seeks Commission approval of the Assignment and Assumption Agreement pursuant to Minn. Stat. §216B.045, Subd. 4.⁷ A copy of the Assignment and Assumption Agreement is included as Attachment A. The Agreement is the result of a cooperative effort by the parties to serve the currently unserved communities. With Commission approval of this Petition, the Company will then take on the additional construction needed to complete the service extensions to customers in the Ulen and Hitterdal area.

The annual cost for the agreement with GMT is approximately **[TRADE SECRET BEGINS TRADE SECRET ENDS]**. As with other ES projects, these costs will not go through the Purchased Gas Adjustment (PGA) like other upstream costs. The costs will be tracked in a separate Ulen-Hitterdal ES account and revenue from the Ulen-Hitterdal ES Rider will offset the costs. At the end of the term of the GMT –WCAS Agreement, we expect that we will negotiate a contract with GMT for continued capacity entitlement on the pipeline and put the costs in the PGA via the Contract Demand Entitlement annual filing.

WCAS was among the first parties in the area desiring gas service and engaged GMT, agreeing to bear the costs for the line’s development. With approval of this Petition, WCAS will become a gas customer of the Company and be subject to the terms of the ES Rider tariff. Other potential customers will then be in a position to share the costs of the line in exchange for receiving gas service through the line.

The Company proposes the same surcharge rates for Ulen, Hitterdal, and the surrounding townships. The Ulen-Hitterdal project model that uses the accounting methodology defined in the NAS and ES Riders tariff is included at Attachment B. Attachment C is a map of the extension project. Our proposed rates and expiration date are in Table 1. The ES Rider rates are currently anticipated to be in effect for up to 15 years.

⁶ Docket No. PL-6580/M-14-578, ORDER dated August 22, 2014.

⁷ Minn. Stat. §216B.045, Subd. 4 requires Commission approval of any contract establishing the rates, terms, and conditions of service and facilities being provided by an intrastate pipeline in order for such a contract to be effective.

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Table 1: Monthly ES Rider Rates for Ulen-Hitterdal Project

<u>Customer Classes</u>	<u>Ulen-Hitterdal</u>
Residential	\$23.99
Small Commercial Firm	\$34.99
Large Commercial Firm	\$395.00
Commercial Demand Billed	\$1,150.00
Interruptible	\$1,150.00
Firm Transportation	\$1,150.00
Interruptible Transportation	\$1,150.00
<u>Expiration Date</u>	8/31/2031

We propose modifications to our tariff which reflect the calculation of the ES Rider rates for the new customers in the Ulen and Hitterdal area, as shown in Table 1. We include as Attachment D, our proposed revised NAS and ES tariff sheets in both redline and clean format as follows:

Minnesota Gas Rate Book – MPUC No. 2

Sheet No. 5-47, revision 5

Sheet No. 5-51, revision 2

We also note that the capital structure and debt rates used in the model reflect the Commission’s Order in E002/GR-13-868. This differs slightly from the Barnesville and Holdingford ES where we had used the proposed capital structure from that same docket.

2. Clarification of Communities under the Barnesville and Holdingford ES

When we originally sought approval of our Barnesville and Holdingford ES Riders, we identified the following communities in the surrounding service area: Elkton, Humboldt, Riverton, Skree and Hawley Townships (under the Barnesville ES) and Holding and Brockway Townships (under the Holdingford ES).⁸ At that time, we were not aware that a small group of customers who were included in the project were technically located just outside of the borders of these identified communities. To clarify the record, we note here that customers in Elmdale Township are also served under the Holdingford ES, and customers in Spring Prairie Township, Barnesville Township, and Cromwell Township are currently receiving gas service from the Company under the Barnesville ES.

⁸ Docket No. G002/M-14-583.

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The identification of these communities under the existing Barnesville and Holdingford ES Riders does not affect either the existing or proposed ES Rider Rates or tariffed terms.

3. Annual Reporting

The Company proposes to continue to report on these and other 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 bring gas service to Ulen, Hitterdal, and the Townships of Ulen, Highland Grove, Goose Prairie 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 to bring gas service to the communities of Ulen and Hitterdal, and the Townships of Ulen, Goose Prairie, and Highland Grove. We also seek approval of our proposed tariff modifications reflecting the terms of the proposed Extension Surcharge (ES) Rider for these communities, and approval of the Assignment and Assumption Agreement with WCAS and GMT. We respectfully request approval of these proposals by May 15, 2016, so that potential ES projects can be put in service during the 2016 construction season and reach customers in time for winter heating.

Dated: January 12, 2016

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 EXTENSION
SURCHARGE FOR ULEN, HITTERDAL, AND
SURROUNDING COMMUNITIES

DOCKET No. G002/M-16-_____

PETITION

SUMMARY OF FILING

Please take notice that on January 12, 2016 Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission a Petition for approval of an Extension Surcharge (ES) Rider and a modified tariff for the communities of Ulen and Hitterdal, including the Townships of Goose Prairie, Ulen, and Highland Grove.

**ASSIGNMENT AND ASSUMPTION AGREEMENT
BETWEEN
GREATER MINNESOTA TRANSMISSION, L.L.C.,
WEST CENTRAL AG SERVICES
AND
NORTHERN STATES POWER COMPANY D/B/A XCEL ENERGY**

THIS ASSIGNMENT AND ASSUMPTION AGREEMENT (the "Assignment") is made and entered into as of this 20th day of July, 2015, by and among GREATER MINNESOTA TRANSMISSION, L.L.C., a Minnesota limited liability company ("Transporter"), WEST CENTRAL AG SERVICES, a Minnesota cooperative ("Releasing Shipper") and NORTHERN STATES POWER COMPANY, a Minnesota corporation d/b/a XCEL ENERGY ("Acquiring Shipper") (Transporter, Releasing Shipper, and Acquiring Shipper are sometimes each referred to as a "Party" and collectively as the "Parties").

WHEREAS, Transporter and Releasing Shipper are parties to that certain Firm Transportation Agreement between Greater Minnesota Transmission, L.L.C. and West Central Ag Services dated July 1, 2014 (the "Firm Transportation Agreement"), a copy of which is attached as Exhibit A; and

WHEREAS, the Parties desire to enter into this Assignment in order to permit Acquiring Shipper to acquire from Releasing Shipper all of the firm natural gas capacity rights of the Firm Transportation Agreement;

NOW THEREFORE, in consideration of the above recitals, the mutual terms, covenants, conditions set forth below, and for other good and valuable consideration, the Parties agree as follows:

1. Effective the 1st day of the month following written notification from Xcel Energy to Releasing Shipper and after MN PUC Ulen-Hitterdal Extension Surcharge approval (the "Assignment Date"), Releasing Shipper shall permanently transfer, assign and set over to Acquiring Shipper all contractual rights and obligations of Releasing Shipper in and to the Firm Transportation Agreement.
2. Acquiring Shipper accepts the assignment referred to in Section 1 above and assumes and agrees to perform and keep all of the promises, covenants, conditions, agreements and obligations of Releasing Shipper under the Firm Transportation Agreement.
3. Transporter consents to the assignment referred to in Section 1 above, and upon such assignment, fully and forever releases Releasing Shipper from any and all duties and obligations of Releasing Shipper under the Firm Transportation Agreement, except for any payment obligations owed by Releasing Shipper to Transporter or other liabilities of Releasing Shipper under the Firm Transportation Agreement that accrued prior to the Assignment Date.

4. Acquiring Shipper agrees to comply with all terms and conditions of the Firm Transportation Agreement as well as the terms and conditions set forth in this Assignment. Acquiring Shipper further agrees to indemnify, defend and hold harmless Releasing Shipper and its officers, directors, employees, successors and assigns from and against all claims, costs, charges, expenses and liabilities arising out of or related to the Firm Transmission Agreement from and after the Assignment Date, except for any payment obligations owed by Releasing Shipper to Transporter or other liabilities of Releasing Shipper under the Firm Transportation Agreement that accrued prior to the Assignment Date. Releasing Shipper agrees to indemnify, defend and hold harmless Acquiring Shipper and its officers, directors, employees, successors and assigns from and against all claims, costs, charges, expenses and liabilities arising out of or related to the Firm Transmission Agreement prior to the Assignment Date.

5. Capacity rights of [REDACTED] dekatherms per day are acquired at the Receipt Point and Delivery Point designated in Exhibit B.

6. Acquiring Shipper shall pay the applicable rates set forth in Section 3 of the Firm Transportation Agreement.

7. This Assignment and the underlying Firm Transportation Agreement will continue in full force and effect through October 1, 2029 unless Transporter and Acquiring Shipper agree to extend the term pursuant to Section 1 of the Firm Transportation Agreement.

8. This Assignment shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns. This Assignment is made and delivered and in all respects shall be governed by Minnesota law. This Assignment may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same agreement

9. Any formal notice, request or demand that any Party gives to another Party with respect to this Assignment shall be in writing and deemed given when mailed by registered or certified mail or delivered by hand to the other Party at the address set forth below.

[Signature page follows]

IN WITNESS WHEREOF, the Parties have executed this Assignment and Assumption Agreement as of the date first set forth above.

Transporter:

Greater Minnesota Transmission, L.L.C.
Attn: Greg Palmer
202 South Main Street
Le Sueur, MN 56058

By: *Gregory R Palmer*
Name: *Gregory R Palmer*
Title: *President*

Releasing Shipper:

West Central Ag Services
Attention: Blain Christianson
220 1st St SE, PO Box 368
Ulen, MN 56585

By: *Blain L Christianson*
Name: *BLAINE L. CHRISTIANSON*
Title: *CFO*

Acquiring Shipper:

Xcel Energy (Northern States Power, a Minnesota corporation)
Attn: Curt Dallinger
Director, Gas Resource Planning
1800 Larimer Street, Suite 1000
Denver, CO 80202

By: *Curt Dallinger*
Name: _____
Title: **Curt Dallinger**
Director, Gas Resource Planning
Xcel Energy Services Inc. as agent for
Northern States Power Company, a Minnesota Corp.

EXHIBIT A

**Firm Transportation Agreement Between Greater Minnesota
Transmission, L.L.C. and West Central Ag Services**

EXHIBIT B

Agreed Upon Receipt/Delivery Point Volumes and Pressures

<u>Receipt Location</u>	<u>Cubic Feet Per Hour</u>	<u>Pressure</u>
VGT/GMT Town Border Station Hawley, MN	████████ CFH	██████ psig

<u>Delivery Location</u>	<u>Cubic Feet Per Hour</u>	<u>Pressure</u>
West Central Ag Services Ulen, MN	████████ CFH	██████ psig

Acquiring Shipper will have the ability to add new delivery locations after confirming with Transporter that a qualified contractor is doing the installation and the total hourly volumes will not exceed ██████████ CFH.

Ulen-Hitterdal - ES Model 15YR Extension Surcharge with 75 Foot Service Allowance
 Dated: 1-8-16

Customer Information				Saturation Rates										
Customer Class	Fuel	Number	Use/Mcf	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Residential	Current	323	90	73.50%	79.00%	84.00%	89.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%
TOTAL - RESIDENTIAL				323										
Sm Commercial	Current	33	275	78%	88%	93%	98%	100%	100%	100%	100%	100%	100%	100%
	Open Lots													
TOTAL - COMMERCIAL				33										
Lg Commercial		6	3,300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TOTAL - COMMERCIAL				39										
Large Demand Billed		2	7,438	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cntct Demand Entitlement / Day			1,525											
Small Interruptible		4	18,106	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Large Firm Transport		0	45,750	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cntct Demand Entitlement / Day			875											
Total Potential Customers				368										

Capital Costs -

Pct. of Contract Bid - Mains	100%
Pct. of Contract Bid - Services	100%
Average Service Footage	100 feet
Material Contingency	15%
Labor Contingency	15%

Trans/Distr	Require. (in feet)	No OHD in Bid Material	Labor	Other Const. Cost	Total Unit Cost (w/o Contingency)		Total Unit Cost (w/ Contingency)		Salvage	Project Cost without CIAC or Contingency	Project Cost Contingency	CAIC	Project Cost with CIAC	Removal Expense
					Unadj.	Adj.	Unadj.	Adj.						
8" HDPE	0				\$0	\$0	\$0	\$0	-15%	\$0	\$0	\$0	\$0	\$0
8" HDPE	0				\$0	\$0	\$0	\$0	-15%	\$0	\$0	\$0	\$0	\$0
6" HDPE	0				\$0	\$0	\$0	\$0	-15%	\$0	\$0	\$0	\$0	\$0 System Removal %
Bid Pipe	1	\$984,397			\$984,397	\$984,397	\$147,660	\$147,660	-15%	\$984,397	\$147,660	\$0	\$1,132,057	\$169,808 -15%
4" PE	0				\$0	\$0	\$0	\$0	-15%	\$0	\$0	\$0	\$0	\$0 Service Removal %
Bid Services	1	\$794,613			\$794,613	\$794,613	\$119,192	\$119,192	-25%	\$794,613	\$119,192	\$0	\$913,805	\$228,451 -25%
2" PE - Service (630)		\$2,595			\$2,595	\$2,595	\$389	\$389	-25%	\$0	\$0	\$0	\$0	\$0
1 1/4" PE - Service (425)		\$2,006			\$2,006	\$2,006	\$301	\$301	-25%	\$0	\$0	\$0	\$0	\$0
1" PE - Service (250)		\$1,850			\$1,850	\$1,850	\$278	\$278	-25%	\$0	\$0	\$0	\$0	\$0
5/8" PE - Service		\$1,850			\$1,850	\$1,850	\$278	\$278	-25%	\$0	\$0	\$0	\$0	\$0
Total Mains	1									\$1,779,010	\$266,852	\$0	\$2,045,862	\$398,260

Miscellaneous Costs

	Miscellaneous Capital Costs w/o Contngcy	Contingency %	Cost	Miscellaneous Capital Costs	Notes:
DRS x 2	\$215,000	15%	32,250	\$247,250	
Line 2	\$0	15%	0	\$0	
Line 3	\$0	15%	0	\$0	
Line 4	\$0	15%	0	\$0	
E & S / A & G Ohd	25% \$498,503		0	\$498,503	Ohd's on total project cost
Ovh & Contingency	1				
TOTAL	\$713,503		\$32,250	\$745,753	

Financial Assumptions

Date Service Begins	4	In Service Month (Jan=12, Feb=11, Mar=10,...)				Sep	Gas Flow
Surcharge Required	Residential	Sm C & I	Lg C & I	Lg Dmd	Lg Firm Transp	Project PV	
Surcharge Per Month	\$23.99	\$34.99	\$395.00	\$1,150.00	\$1,150.00		
Surcharge % Increase	24.99%	14.36%	82.29%	34.85%	76.67%	(6,132)	Should be close to zero or negative
Annual O&M Rate	2.730%						
Average Service Life	40 years						
Tax Life	20 years						
Income Tax Rate	41.37%						
Discount Rate	7.57%						
Property Tax Rate	0.992%						
Contingencies							
Capital Material	15.00%	15%	Enter %				
Capital Labor	15.00%	15%	Enter %				
Capital Misc. Expenses	15.00%	15%	Enter %				

Ulen-Hitterdal - ES Model 15YR Ext
 Dated: 1-8-16

Customer Information

Customer Class	Fuel
Residential	Current
	Open Lots

TOTAL - RESIDENTIAL

Sm Commercial	Current
	Open Lots

Lg Commercial

TOTAL - COMMERCIAL

Large Demand Billed
 Cntrct Demand Entitlement / Day

Small Interruptible
 Large Firm Transport
 Cntrct Demand Entitlement / Day
Total Potential Customers

Capital Costs -

Pct. of Contract Bid - Mains
 Pct. of Contract Bid - Services
 Average Service Footage
 Material Contingency
 Labor Contingency

Trans/Distr	Require.
Pipe Size	(in feet)
8" HDPE	0
8" HDPE	0
6" HDPE	0
Bid Pipe	1
4" PE	0
Bid Services	1
2" PE - Service (630)	
1 1/4" PE - Service (425)	
1" PE - Service (250)	
5/8" PE - Service	
Total Mains	1

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Miscellaneous Costs

DRS x 2	
Line 2	
Line 3	
Line 4	
E & S / A & G Ohd	25%
Ovh & Contingency	1
TOTAL	

Financial Assumptions

Date Service Begins	
Surcharge Required	
Surcharge Per Month	
Surcharge % Increase	
Annual O&M Rate	
Average Service Life	
Tax Life	
Income Tax Rate	
Discount Rate	
Property Tax Rate	
Contingencies	
Capital Material	
Capital Labor	
Capital Misc. Expenses	

Ulen-Hitterdal - ES Model 15YR Ext
 Dated: 1-8-16

Customer Information

Customer Class	Fuel
Residential	Current
	Open Lots

TOTAL - RESIDENTIAL

Sm Commercial	Current
	Open Lots

Lg Commercial
TOTAL - COMMERCIAL

Large Demand Billed
Cntct Demand Entitlement / Day

Small Interruptible
Large Firm Transport

Cntct Demand Entitlement / Day
Total Potential Customers

Capital Costs -

- Pct. of Contract Bid - Mains
- Pct. of Contract Bid - Services
- Average Service Footage
- Material Contingency
- Labor Contingency

Trans/Distr	Require.
Pipe Size	(in feet)
8" HDPE	0
8" HDPE	0
6" HDPE	0
Bid Pipe	1
4" PE	0
Bid Services	1
2" PE - Service (630)	
1 1/4" PE - Service (425)	
1" PE - Service (250)	
5/8" PE - Service	
Total Mains	1

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Miscellaneous Costs

DRS x 2	
Line 2	
Line 3	
Line 4	
E & S / A & G Ohd	25%
Ovh & Contingency	1
TOTAL	

Financial Assumptions

Date Service Begins	
Surcharge Required	
Surcharge Per Month	
Surcharge % Increase	
Annual O&M Rate	
Average Service Life	
Tax Life	
Income Tax Rate	
Discount Rate	
Property Tax Rate	
Contingencies	
Capital Material	
Capital Labor	
Capital Misc. Expenses	

Customer Information -

	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066
Customer Growth																
Residential	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304
Commercial	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Lg Commercial	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Large Demand Billed	2	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	4
Large Firm Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	349	349	349	349	349	349	349	349	349	349	349	349	349	349	349	349

Total Saturation Pct.

Sales Volumes - Mcf

Residential	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	1,363,185
Sm Commercial	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	9,075	453,246
Lg Commercial	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800	996,600
Large Demand Billed	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	14,875	10,413
Sm Interruptible	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	72,424	3,645,341
Lg Firm Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Sales Volumes	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	143,534	6,468,785

7,207,081

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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$0,9635	\$0,9635
Small Interruptible: Ann1 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	\$1,740.00	\$1,740.00
Large Firm Transport: Com Margin/Mcf	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000	\$0,8000
Large Firm Transport: Demand/Margin/Mcf	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001	\$15,6001
Large Firm Transport: Ann1 Charge	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00

Annual Revenues

Residential	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$83,698	\$4,170,160
Sm Commercial	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	\$21,090	1,053,347
Lg Commercial	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	\$27,984	1,408,523
Lg Dmd Billed	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	\$161,800	8,143,954
Sm Interruptible	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	\$76,743	3,862,752
Lg Firm Transport	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
TOTAL	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$371,316	\$18,638,737

18,638,737

Surcharge

Residential																		\$1,268,159	
Sm Commercial																		202,452	
Lg Commercial																			
Lg Dmd Billed																			
Sm Interruptible																			
Lg Firm Transport																			
Total Surcharge																			2,298,612

3,139,212

Term

Customer Information -

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annual Capital Investments																
Project Cost w/o Contingency																
Transmission/Distribution	2,355,595	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	33,304	29,604	29,604	31,454	0	0	0	0	0	0	0	0	0	0	0
Sm Commercial	0	5,551	3,700	1,850	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
Lg Dmd Billed	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
TOTAL	2,355,595	38,855	33,304	31,454	33,304	0	0	0	0	0	0	0	0	0	0	0
Project Cost Contingency																
Transmission/Distribution	299,102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	4,996	4,441	4,441	4,718	0	0	0	0	0	0	0	0	0	0	0
75 Ft Per Serv Allowance:	(\$1,489)	(391,505)	(26,795)	(25,306)	(26,795)	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	833	555	278	278	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(92,403)	(25,433)	(21,799)	(20,588)	(21,799)	0	0	0	0	0	0	0	0	0	0	0
Surcharge - Actual																
Monthly Billings																
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Actual Capital Costs																
W/O Removal Expense																
Rmvl Exp -	398,260	3,356	2,876	2,716	2,876	0	0	0	0	0	0	0	0	0	0	0
Total Capital w/ Removal Expense	2,661,452	16,778	14,381	13,582	14,381	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	212,612	141,741
Total Capital less Surcharge Rev	\$2,661,452	\$16,778	\$14,381	\$13,582	\$14,381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$212,612)	(\$141,741)
O&M Expenses	21,436	65,368	66,278	67,136	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046
Property Taxes	0	23,368	23,753	24,083	24,395	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726
TOTAL	21,436	88,736	90,031	91,220	92,441	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771
O&M Contingency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total O&M w/ Contingency	21,436	65,368	66,278	67,136	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046
Pipeline Supplier Costs																
GMG Demand	\$262,483	\$87,494	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483	\$262,483
GMG Commod/Dth	\$0.80	\$36,154	\$109,441	\$111,215	\$112,697	\$114,105	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827	\$114,827
	\$123,649	\$371,924	\$373,698	\$375,180	\$376,588	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310	\$377,310
Proj Contract Demand	123,649	371,924	373,698	375,180	376,588	377,310	377,310	377,310	377,310	377,310	377,310	377,310	377,310	377,310	0	0
Surcharge	63,461	193,605	199,549	204,785	209,955	212,612	212,612	212,612	212,612	212,612	212,612	212,612	212,612	212,612	212,612	141,741
	(60,187)	(178,319)	(174,149)	(170,395)	(166,634)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	(164,699)	141,741
Surcharge Revenue assigned as CIAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,612	\$141,741

Customer Information -

	16 2032	17 2033	18 2034	19 2035	20 2036	21 2037	22 2038	23 2039	24 2040	25 2041	26 2042	27 2043	28 2044	29 2045	30 2046	31 2047	32 2048	33 2049	34 2050
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	0
Sm Commercial	0	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	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
TOTAL	0	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
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Ft Per Serv Allowance: (\$1,489)	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	0
TOTAL	0	0	0	0	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	0	0	0	0
Total	0	0	0	0	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	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
Surcharge Applied	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	0	0	0
O&M Expenses	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046
Property Taxes 0.992%	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726
TOTAL	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771
O&M Contingency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total O&M w/ Contingency	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046
Pipeline Supplier Costs																			
GMG Demand																			
GMG Commod/Dth																			

\$262,483
 \$0.80

Proj Contract Demand
 Surcharge

Surcharge Revenue assigned as CIAC

Customer Information -

	35 2051	36 2052	37 2053	38 2054	39 2055	40 2056	41 2057	42 2058	43 2059	44 2060	45 2061	46 2062	47 2063	48 2064	49 2065	50 2066	
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	2,355,595
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123,966
Sm Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,952
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
Interruptible	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	2,492,513
Project Cost Contingency																	
Transmission/Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	299,102
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,595
75 Ft Per Serv Allocance: (\$1,489)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,943
Commercial	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	(182,023)
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
Total Actual Capital Costs																	
W/O Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,310,490
Rmvl Exp -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	410,084
Total Capital w/ Removal Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,720,574
Surcharge Applied	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	354,353
Total Capital less Surcharge Rev	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,366,222
O&M Expenses	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	3,418,361
Property Taxes 0.992%	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	24,726	1,232,982
TOTAL	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	92,771	4,651,344
O&M Contingency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total O&M w/ Contingency	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	68,046	3,418,361
Pipeline Supplier Costs																	
GMG Demand																	3,499,773
GMG Commod/Dth																	1,517,058
																	5,016,831

Proj Contract Demand
 Surcharge

Surcharge Revenue assigned as CIAC

**Depreciation -
 Ulen-Hitterdal - ES Model 15YR Extension Surcharge with 75 Foot Service Allowance**

Book Life - Yrs 1 - 5 years: 40
 Book Life - Yrs 6 - 10 years: 40
 Tax Life 20 years
 Customer CIAC 13.02% percent of project capital provided
 Adj. Book Rate 2.1744% 2.1744%
 Year's 1 - 5 6 - 10

Bonus	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Bonus Depreciation	51.88%	3.61%	3.34%	3.09%	2.86%	2.64%	2.45%	2.26%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.24%	2.23%	2.24%	1.12%	
Tax Depreciation	3.75%	7.22%	6.68%	6.18%	5.71%	5.28%	4.89%	4.52%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.47%	4.46%	4.47%	2.23%	
Model Depreciation	51.88%	3.61%	3.34%	3.09%	2.86%	2.64%	2.45%	2.26%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%	2.24%	2.23%	2.24%	1.12%	
2016	#####	81,701	75,591	69,933	64,614	59,748	55,335	51,148	50,469	50,469	50,469	50,469	50,469	50,469	50,469	50,469	50,469	50,582	50,469	50,582	25,235	
2017		6,963	485	448	415	383	354	328	303	299	299	299	299	299	299	299	299	299	300	299	300	150
2018			5,968	415	384	356	328	304	281	260	257	257	257	257	257	257	257	257	257	257	257	257
2019				5,637	392	363	336	310	287	266	246	242	242	242	242	242	242	242	242	242	243	242
2020					5,968	415	384	356	328	304	281	260	257	257	257	257	257	257	257	257	257	257
2021						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024									0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025										0	0	0	0	0	0	0	0	0	0	0	0	0
2026											0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	#####	88,664	82,043	76,433	71,774	61,265	56,738	52,446	51,669	51,598	51,552	51,527	51,524	51,524	51,524	51,524	51,524	51,637	51,525	51,638	26,291	906
Book Depreciation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
2016	19,290	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870
2017		182	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365
2018			156	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313
2019				148	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295
2020					156	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313
2021						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024									0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025										0	0	0	0	0	0	0	0	0	0	0	0	0
2026											0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19,290	58,052	58,391	58,695	58,999	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156

**Depreciation -
 Ulen-Hitterdal - ES Model 1**

Book Life - Yrs 1 - 5
 Book Life - Yrs 6 - 10
 Tax Life

Customer CIAC
 Adj. Book Rate

Year's
 Bonus

	2038	2039	2040	2041	2042	2043	2044	2045	2046	Total												
Bonus Depreciation																						
Tax Depreciation																						
Model Depreciation																						
2016										2,263,192												
2017										13,422												
2018	128									11,505												
2019	243	121								10,866												
2020	257	257	128							11,505												
2021	0	0	0	0						0												
2022	0	0	0	0	0					0												
2023	0	0	0	0	0	0				0												
2024	0	0	0	0	0	0	0			0												
2025	0	0	0	0	0	0	0	0		0												
2026	0	0	0	0	0	0	0	0	0	0												
TOTAL	628	378	128	0	0	0	0	0	0	2,310,490												
Book Depreciation	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
2016	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	57,870	38,580			
2017	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	182		
2018	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	156	
2019	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	148
2020	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	59,156	39,866	1,103	764	460

**Depreciation -
 Ulen-Hitterdal - ES Model 1**

Book Life - Yrs 1 - 5
 Book Life - Yrs 6 - 10

Tax Life

Customer CIAC

Adj. Book Rate

Year's

Bonus

Bonus Depreciation

Tax Depreciation

Model Depreciation

2016
 2017
 2018
 2019
 2020
 2021
 2022
 2023
 2024
 2025
 2026

TOTAL

Book Depreciation	2060	2061	2062	2063	2064	2065	2066	Total
2016								2,314,800
2017								14,593
2018								12,508
2019								11,813
2020	156							12,508
2021	0	0						0
2022	0	0	0					0
2023	0	0	0	0				0
2024	0	0	0	0	0			0
2025	0	0	0	0	0	0		0
2026	0	0	0	0	0	0	0	0
TOTAL	156	0	0	0	0	0	0	2,366,222

Ulen-Hitterdal Gas System

Proposed natural gas distribution system to serve Ulen and Hitterdal, MN

Legend

- 2 Inch
- 4 Inch
- GMG Pipeline Route
- Hitterdal Feeder
- Township Boarders

Ulen Township

Ulen

Goose Prairie Township

Hitterdal

Cromwell Township

Highland Grove Township

Google earth

©2015 Google

← GMG Line to Barnesville

TBS



1 mi

Redline

MINNESOTA GAS RATE BOOK - MPUC NO. 2

**NEW AREA SURCHARGE AND
EXTENSION SURCHARGE RIDERS (Continued)**

Section No. 5
~~4th~~^{5th} 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.

ND

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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NT

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SURCHARGE RATE

See Section No. 5, Sheet No. 51.

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DN

REVENUE REQUIREMENTS MODEL

Definitions. 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.

N

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, net of any service extension allowances.
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) as follows:
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).

N

N

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N

N

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(Continued on Sheet No. 5-48)

Date Filed: ~~03-02-15~~⁰³⁻⁰²⁻¹⁶ By: Christopher B. Clark Effective Date: ~~07-10-15~~
President, Northern States Power Company, a Minnesota corporation
Docket No. G002/M-~~15-19516-~~ Order Date: ~~07-10-15~~

MINNESOTA GAS RATE BOOK - MPUC NO. 2

**NEW AREA SURCHARGE AND
 EXTENSION SURCHARGE RIDERS (Continued)**

Section No. 5
~~1st~~^{2nd} 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
<u>Expiration Date*</u>	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:

<u>Customer Classes</u>	<u>Barnesville</u>	<u> Holdingford</u>	<u>Ulen-Hitterdal</u>
Residential	\$23.99	\$14.45	\$23.99
Small Commercial Firm	\$34.99	\$35.00	\$34.99
Large Commercial Firm	\$395.00	\$315.00	\$395.00
Commercial Demand Billed	\$1,150.00	\$700.00	\$1,150.00
Interruptible	\$1,150.00	\$700.00	\$1,150.00
Firm Transportation	\$1,150.00	\$700.00	\$1,150.00
Interruptible Transportation	\$1,150.00	\$700.00	\$1,150.00
<u>Expiration Date</u>	10/31/2029	10/31/2029	8/31/2031

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

Clean

MINNESOTA GAS RATE BOOK - MPUC NO. 2

**NEW AREA SURCHARGE AND
EXTENSION SURCHARGE RIDERS (Continued)**

Section No. 5
5th 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.

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.

SURCHARGE RATE

See Section No. 5, Sheet No. 51.

REVENUE REQUIREMENTS MODEL

Definitions. 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.

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, net of any service extension allowances.
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) as follows:
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).

N
N

(Continued on Sheet No. 5-48)

Date Filed: 01-12-16

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. G002/M-16-

Order Date:

MINNESOTA GAS RATE BOOK - MPUC NO. 2

**NEW AREA SURCHARGE AND
 EXTENSION SURCHARGE RIDERS (Continued)**

Section No. 5
 2nd Revised Sheet No. 51

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

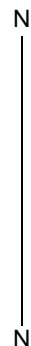
<u>Customer Classes</u>	<u>Pillager</u>
Residential	\$13.50
Small Commercial Firm	\$20.00
Large Commercial Firm	\$200.00
Commercial Demand Billed	\$1,000.00
Interruptible	\$1,000.00
Firm Transportation	\$1,000.00
Interruptible Transportation	\$1,000.00
 <u>Expiration Date*</u>	 10/31/2029

*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:

<u>Customer Classes</u>	<u>Barnesville</u>	<u>Holdingsford</u>	<u>Ulen-Hitterdal</u>
Residential	\$23.99	\$14.45	\$23.99
Small Commercial Firm	\$34.99	\$35.00	\$34.99
Large Commercial Firm	\$395.00	\$315.00	\$395.00
Commercial Demand Billed	\$1,150.00	\$700.00	\$1,150.00
Interruptible	\$1,150.00	\$700.00	\$1,150.00
Firm Transportation	\$1,150.00	\$700.00	\$1,150.00
Interruptible Transportation	\$1,150.00	\$700.00	\$1,150.00
 <u>Expiration Date</u>	 10/31/2029	 10/31/2029	 8/31/2031

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



Date Filed: 01-12-16

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. G002/M-16-

Order Date:

CERTIFICATE OF SERVICE

I, Carl Cronin, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota

xx electronic filing

Xcel Energy's Miscellaneous Gas Service List & Docket No. G002/M-14-583

Dated this 12th day of January 2016

/s/

Carl Cronin
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Julia	Anderson	Julia.Anderson@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Jeffrey A.	Daugherty	jeffrey.daugherty@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Ian	Dobson	ian.dobson@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service 1400	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Todd J.	Guerrero	todd.guerrero@kutakrock.com	Kutak Rock LLP	Suite 1750 220 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Sandra	Hofstetter	N/A	MN Chamber of Commerce	7261 County Road H Fremont, WI 54940-9317	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Michael	Hoppe	il23@mtn.org	Local Union 23, I.B.E.W.	932 Payne Avenue St. Paul, MN 55130	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
SaGonna	Thompson	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Gas_Xcel Misc Gas

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Julia	Anderson	Julia.Anderson@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	Yes	OFF_SL_14-583_M-14-583
Alison C	Archer	alison.c.archer@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	Yes	OFF_SL_14-583_M-14-583
Jeffrey A.	Daugherty	jeffrey.daugherty@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583
Ian	Dobson	ian.dobson@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-583_M-14-583
Emma	Fazio	emma.fazio@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_14-583_M-14-583
Todd J.	Guerrero	todd.guerrero@kutakrock.com	Kutak Rock LLP	Suite 1750 220 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_14-583_M-14-583
Sandra	Hofstetter	N/A	MN Chamber of Commerce	7261 County Road H Fremont, WI 54940-9317	Paper Service	No	OFF_SL_14-583_M-14-583
Michael	Hoppe	il23@mtn.org	Local Union 23, I.B.E.W.	932 Payne Avenue St. Paul, MN 55130	Electronic Service	No	OFF_SL_14-583_M-14-583
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	Yes	OFF_SL_14-583_M-14-583
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-583_M-14-583
SaGonna	Thompson	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	Yes	OFF_SL_14-583_M-14-583
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_14-583_M-14-583