



414 Nicollet Mall  
Minneapolis, Minnesota 55401

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August 1, 2012

**—Via Electronic Filing—**

Burl W. Haar  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101

RE: PETITION  
CHANGES IN CONTRACT DEMAND ENTITLEMENTS  
DOCKET NO. G002/M-12-\_\_\_\_

Dear Dr. Haar:

Enclosed is the Petition for approval of changes in Contract Demand Entitlements of Northern States Power Company, doing business as Xcel Energy, pursuant to Minn. Rule 7825.2910, Subd. 2.

Portions of our filing contain trade secret information as defined under Minn. Stat. § 13.37. As such, this data is protected from public disclosure and has been marked accordingly. Xcel Energy makes extensive efforts to maintain the secrecy of this information. This information is not available outside the Company except to other parties involved in contracts and to regulatory agencies under the confidentiality provisions of state or federal law, as evidenced by the non-disclosure provisions in the contracts. Xcel Energy also provides this information to state regulatory agencies in the Annual Automatic Adjustment of Charges Reports and in the monthly purchased gas adjustment (PGA) filings in the confidential trade secret versions of these reports.

The supply information has economic value to Xcel Energy, its customers, suppliers, and competitors in at least three ways. If suppliers know the terms of Xcel Energy's supply and transportation contracts, they may be able to use this knowledge to fashion bids to Xcel Energy. Suppliers will be reluctant to offer special favorable terms to Xcel Energy if they know other competitors or customers will gain knowledge of the terms and demand similar terms in the future. Competitors of Xcel Energy such as

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other LDCs also purchase their services. These competitors may be able to leverage knowledge of Xcel Energy's costs to gain similar terms or may offer slightly better prices to suppliers, denying Xcel Energy's access to this gas or other services.

Any of these results would harm Xcel Energy and its natural gas customers. Because Xcel Energy competes for supplies, transportation, storage, and other services in the wholesale market, disclosure would directly harm Xcel Energy by making its delivered supply cost less competitive. To the extent that Xcel Energy supply costs rise, Xcel Energy's regulated sales customers would have to pay higher natural gas rates. This result would not serve the public interest.

We have electronically filed this document with the Commission, and copies have been served on the parties on the attached service lists.

Please contact me at (612) 330-7529 or [paul.lehman@xcelenergy.com](mailto:paul.lehman@xcelenergy.com) if you have any questions regarding this filing.

Sincerely,

/s/

PAUL J. LEHMAN  
MANAGER, REGULATORY COMPLIANCE AND FILINGS

Enclosures  
c: Service Lists

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STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Phyllis A. Reha	Commissioner
David C. Boyd	Commissioner
J. Dennis O'Brien	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR APPROVAL OF CHANGES IN  
CONTRACT DEMAND ENTITLEMENTS

DOCKET NO. G002/M-12-\_\_\_\_\_

**PETITION**

**INTRODUCTION**

Pursuant to Minn. Stat. § 216B.16, Subd. 7 and Minn. R. Rule 7825.2910, Subp. 2, Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition for approval of a Change in Contract Demand Entitlements. Xcel Energy requests approval to implement our 2012-2013 Heating Season Supply Plan effective November 1, 2012, for customers served with natural gas in the State of Minnesota.

**I. Summary of Filing**

A one-paragraph summary of the filing accompanies this Petition pursuant to Minnesota Rule 7829.1300, Subp. 1.

**II. Service on Other Parties**

Pursuant to Minn. Stat. § 216.17, Subd. 3, Xcel Energy has electronically filed this document. In compliance with Minn. R. 7825.2910, Subp. 3, Xcel Energy has also served a summary of this Petition on the interveners in the two most recent (2009 and 2006) general rate case filings for the Company's natural gas utility operation. Also, the Summary has been served on all parties on Xcel Energy's miscellaneous gas service list.

**III. General Filing Information**

Pursuant to Minn. R. 7829.1300, Subp. 3, Xcel Energy provides the following required information.

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**A. Name, Address, and Telephone Number of Utility**

Northern States Power Company  
414 Nicollet Mall  
Minneapolis, Minnesota 55401  
(612) 330-5500

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

Matthew P. Loftus  
Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall — 5<sup>th</sup> Floor  
Minneapolis, Minnesota 55401  
(512) 478-1327

**C. Date of Filing and Date Modified Rates Take Effect**

Xcel Energy is submitting this filing on August 1, 2012. The Company requests Commission approval to implement the rate impact of this filing in our purchased gas adjustment (PGA) effective with November 1, 2012 usage. Pursuant to Minn. Stat. § 216B.16, Subd. 7, Minn. R. 7825.2920, and our Purchased Gas Adjustment tariff (Minnesota Gas Rate Book sheet number 5-40, revision 2; sheet number 5-41, revision 7; and sheet number 5-42, revision 3) Xcel Energy will provisionally place the PGA changes into effect on November 1, 2012, subject to later Commission approval.

**D. Statute Controlling Schedule for Processing the Filing**

The applicable statute is Minn. Stat. § 216B.16, Subd. 7. This statute does not state a specific timeframe for Commission action. The applicable rules are Minn. R. 7825.2910, Subp. 2, 7825.2920, 7829.1300, and 7929.1400. Under Minn. R. 7829.0100, Subp. 11, the Commission treats all filings that do not fall into a specific category as Miscellaneous Tariff Filings. Minn. R. 7829.1400, Subpts. 1 and 4, permits comments in response to a miscellaneous filing within 30 days of filing, with reply comments 10 days thereafter.

**E. Utility Employee Responsible for Filing**

Paul J. Lehman  
Manager, Regulatory Compliance and Filings  
Xcel Energy  
414 Nicollet Mall — 7<sup>th</sup> Floor  
Minneapolis, Minnesota 55401  
(612) 330-7529

#### **IV. Description and Purpose of Filing**

This filing seeks Commission approval to allow the Company to implement, through the PGA, changes in our interstate pipeline transportation, storage entitlements, and other demand-related contracts for the upcoming year. Updating our natural gas transportation, storage entitlements, and supply contracts on an annual basis is important to ensuring the Company has access to sufficient capacity to cover the anticipated peak demand of our natural gas customers. To determine the amount required, we consider our forecast of customer needs under Design Day (DD) conditions. By comparing that anticipated need to our current supply arrangements, we can determine what incremental additions are needed to ensure we can meet our customer needs under the most extreme conditions at reasonable cost.

Pursuant to Minn. Rule 7825.2920 and prior Commission practice, we will provisionally implement the PGA rate changes associated with this filing on November 1, 2012, and respectfully request Commission approval of the revised entitlements effective on November 1, 2012. We list the changes reflected in this filing below.

##### **A. Change in Design Day**

Our filing reflects a change in our DD forecast from the 2011-2012 heating season, as described in **Attachment 1**.

##### **B. Change in Resources to meet Design Day**

Reflected in this filing are changes in our resources used to meet our DD customer requirements, including entitlements on our pipeline and storage supplier systems: Northern Natural Gas Company, Viking Gas Transmission Company, Great Lakes Transmission Company, ANR Pipeline Company, and Williston Basin Interstate Pipeline Company. Depending on the service, these changes take effect at various times during the heating season.

**Attachment 1** and **Attachment 2** provide background information regarding each of these proposed changes. Specifically, **Attachment 1** contains the following documentation required by Minn. R. 7825.2910, Subp. 2:

- a description of the factors contributing to the need for changing demand;
- the Company's DD demand by customer class and the change in DD demand, if any, necessitating the demand revision;
- a summary of the levels of winter versus summer usage for all customer classes; and
- a description of DD gas supply from all sources under the new level, allocation, or form of demand.

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The information provided in **Attachment 2** is in response to the October 1, 1993 letter from the Department, and outlines the changes in the Company's Energy Firm DD Requirements, daily pipeline entitlement, and pipeline billing units from the 2011-2012 entitlement levels pending Commission approval in Docket No. G002/M-11-1076.

**C. Change in Jurisdictional Allocations**

The changes in the DD forecast alter the allocation of entitlements between the Minnesota and North Dakota retail natural gas jurisdictions. This filing reflects this reallocation.

**D. Change in Supply Reservation Fees**

This filing also reflects updated costs for firm gas supply reservation fees.

**E. Heating Season Plan for Use of Financial Instruments**

Attachment 3 provides information in response to the reporting requirements established in Docket No. G002/M-08-46 (Order dated May 27, 2008) regarding our use of financial instruments to limit commodity price volatility. The attachment shows a summary of hedge transactions for the 2012-2013 heating season.

**F. Classification and Billing of Demand Costs**

In the Company's 2007 Contract Demand Entitlement filing, Docket No. G002/M-07-1395, we included a proposal to assign some demand costs to interruptible customers. In its Comments dated October 7, 2008 in that docket, the Department recommended approval of the proposal. We reiterated the proposal in our 2008 filing (Docket No. G002/M-08-1315), which provided updates showing its effect on prices by customer class. In our 2011 filing (Docket No. G002/M-11-1076), we again provided an updated proposal with current costs and the current effect on prices by customer class. All three filings are awaiting Commission action. We continue to support our proposal.

**G. Information Provided in Attachments**

Xcel Energy has endeavored to provide all requested information, and has taken steps to ensure the filing's accuracy so that this Petition contains the necessary information for approval of the changes in Contract Demand Entitlements. The location of specific types of information is detailed in the List of Attachments below.

**Attachment 1 – Filing Requirements Pursuant to Minn. Rule 7825.2910, Subp. 2**

<u>Schedule</u>	<u>Title</u>
1	Derivation of Minnesota Jurisdiction Allocation Factor
2	Demand Cost of Gas Impact

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3, page 1	Summary of Design Day Demand by Customer Class
3, page 2	Derivation of Actual Peak Day Use Per Customer
4	Historical Sales – Seasonal Usage
5	Firm Supply Entitlements

**Attachment 2** – Information Provided in Response to the Department Letter Dated October 1, 1993

<u>Schedule</u>	<u>Title</u>
1, page 1	Demand Profile
1, page 2	Changes to Contract Entitlements
2, page 1	Rate Impact
2, page 2	Derivation of Current PGA Costs

**Attachment 3** – Information Provided in Response to Report Requirements in Docket No. G002/M-08-46 Regarding Use of Financial Instruments to Limit Price Volatility

<u>Schedule</u>	<u>Title</u>
1	Summary of Hedge Transactions

**V. Effect of Change upon Xcel Energy Revenue**

As calculated in Trade Secret **Attachment 1, Schedule 2**, the effect of the proposed changes in demand cost upon Xcel Energy’s Minnesota state annual revenue is an increase of **[TRADE SECRET BEGINS** **TRADE SECRET** **ENDS]** effective November 1, 2012. The cost change will automatically be reflected in rates through the operation of the Company’s PGA clause. The demand rate calculation is shown in **Attachment 2, Schedule 2, Page 2 of 2**.

**VI. Miscellaneous Information**

Pursuant to Minnesota Rule 7829.0700, Xcel Energy requests that the following persons be placed on the Commission’s official service list for this matter:

Matthew P. Loftus  
Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall — 5<sup>th</sup> Floor  
Minneapolis, Minnesota 55401

SaGonna Thompson  
Records Specialist  
Xcel Energy  
414 Nicollet Mall — 7<sup>th</sup> Floor  
Minneapolis, Minnesota 55401

**CONCLUSION**

Xcel Energy respectfully requests Commission approval of our 2012-2013 Heating Season Supply Plan effective November 1, 2012, and approval to implement the retail rate impact of this filing in our PGA effective with November 1, 2012 usage.

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Approval will enable us to provide continued reliable and competitive service for our natural gas customers in Minnesota. The Company will provisionally reflect the change in entitlement costs associated with the revised contract demand entitlements in the Company's November PGA, subject to later Commission approval.

Dated: August 1, 2012

Northern States Power Company

BY: \_\_\_\_\_ /s/  
PAUL J. LEHMAN  
MANAGER, REGULATORY COMPLIANCE AND FILINGS



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STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Phyllis A. Reha	Commissioner
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Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR APPROVAL OF CHANGE IN  
CONTRACT DEMAND ENTITLEMENTS

DOCKET NO. G002/M-12-\_\_\_\_\_

**SUMMARY**

**SUMMARY OF FILING**

Please take notice that on August 1, 2012, Northern States Power Company, doing business as Xcel Energy, filed a Request for Change in Contract Demand Entitlements pursuant to Minnesota Rule 7825.2910, Subp. 2. Xcel Energy requests Commission approval to implement its 2012-2013 Heating Season Supply Plan effective November 1, 2012. The costs related to the entitlement changes will be provisionally reflected in retail gas rates through the Purchase Gas Adjustment effective November 1, 2012, subject to later Commission approval.

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Attachment 1  
Page 1 of 7

**ATTACHMENT 1**

**Northern States Power Company**

**Filing Upon Change in Demand  
Filing Requirements Pursuant to Minnesota Rule 7825.2910, Subp. 2**

**Northern States Power Company**

**Filing Requirements Pursuant to Minnesota Rule 7825.2910, Subp. 2  
Filing Upon Change in Demand**

**A. Description of the factors contributing to the need for change in demand:**

As discussed in our Petition, the factors contributing to the need for a change in demand include:

- Decrease in DD requirements in Minnesota State,
- Changes in Resources required to meet the DD and provide an adequate reserve margin,
- Changes in Jurisdictional Allocations, and
- Changes in Supply Reservation Fees.

We discuss each of these factors below.

*1. Change in Design Day*

Our objective for calculating DD customer demand is to forecast anticipated demand at design temperatures accurately, so that adequate firm supply resources can be planned for and available, if DD weather occurs. We recognize that customer response to temperature is dynamic, particularly if we experience severely cold seasonal temperatures. Therefore, we continue to: (1) calculate DD using both Actual Peak Use per Customer Design Day (UPC DD) and Average Monthly Design Day (Avg. Monthly DD) methods; and (2) consider the results when predicting future DD needs.

In the Company's 2004-2005 Contract Demand Entitlements filing, the Company described its addition of a second methodology for calculating our DD, the UPC DD.<sup>1</sup> The addition of UPC DD ensures that the DD is adequately and accurately estimated. Prior to the 2004-2005 Docket, we used a single methodology, which used a linear regression calculation.

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<sup>1</sup> Docket No. G002/M-04-1735.

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**Attachment 1**  
**Page 3 of 7**

We project our forecasted firm customer count in Minnesota State to increase by 155 customers (from 439,055 to 439,210) between the 2011-2012 and the 2012-2013 heating season forecasts. This projection equates to a decrease in DD requirements in Minnesota state of 135 Dekatherms (Dth) (from 702,294 to 702,159) using the UPC DD method as detailed on **Attachment 1, Schedule 3, Page 1 of 2**. This decrease in required firm Dth is attributable to lower gas use per customer in the Large Commercial customer class.

We also used the Avg. Monthly DD to develop the allocations by state and by service region as shown on **Attachment 1, Schedule 1, Page 1 of 4**. The Avg. Monthly DD calculation is based on the linear regression, which uses January 2007 – December 2011 data as shown on **Attachment 1, Schedule 1, Pages 2 - 4**. Two-thirds of all regression statistics were very strong with R-squared values at or above 95 percent.<sup>2</sup> The regions with R-squared values below 95 percent were those with lower customer counts. In all, R-squared values were, on average, 93 percent. This method captures the relationship of DD between the states and service regions and incorporates non-electronic pipeline measurements that are estimated in the Actual Peak UPC DD.

The 2012-2013 DD was calculated using 60 data points. As a comparison, we used 72 data points in the regressions over the period January 2006 through December 2012. Only 25% of the regressions had a higher R-square when 72 data points were used instead of 60 data points. Since most R-squares were higher using 60 data points, we believe using 60 data points captures current gas use trends for most regions better than a broader timeframe.

The actual use per firm customer data contains the daily total usage for all the firm customers that do not have individual actual peak day information. As detailed in **Attachment 1, Schedule 3, Page 2 of 2**, the peak day actual use per firm customer remains the same at 1.57393 Dth. For non-demand-billed customers, the projected DD is calculated as the sum of the Avg. Monthly DD totals for all service regions to yield the Projected DD for these Minnesota state customers of 681,681 Dth. The Small and Large Demand Billed contracted customer Billing Demand of 20,478 Dth is added to the DD estimate for the Residential, Small Commercial, and Large Commercial classes to determine the total Minnesota state DD Projection of 702,159 Dth as shown on **Attachment 1, Schedule 3, Page 1 of 2**.

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<sup>2</sup> The closer its R squared value is to 100 percent or “1”, the greater the ability of that model to predict a trend.

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**Attachment 1**  
**Page 4 of 7**

We continue to maintain and compare both methodologies. We compared the actual peak days experienced by the Company under non-DD conditions with both the UPC DD and the Avg. Monthly DD to ensure adequate firm resources are available to meet the varied demand requirements of our customers. If cold temperatures occur, then the actual use per customer of 1.57393 Dth, as shown on **Attachment 1, Schedule 3, Page 2 of 2**, would be adjusted accordingly. Likewise, if cold temperatures are not experienced, the actual use per customer of 1.57393 Dth would be maintained (assuming no operating experience contrary to the conditions observed on January 29, 2004). In that case, the UPC DD would be adjusted for updated Residential, Small Commercial, and Large Commercial customer counts and any changes to the contracted Billing Demand for the Small and Large Demand Billed customers.

2. *Change in Resources to Meet Design Day*

**Attachment 2, Schedule 1, Page 1 of 2** details the demand entitlement changes to meet DD for the Xcel Energy Minnesota company 2012-2013 Heating Season Gas Resource Plan compared to the 2011-12 plan filed in Docket No. G002/M-11-1076. **Attachment 1, Schedule 2** details the demand cost component changes for the 2012-2013 heating season.

- a. Change in Northern Natural Gas (Northern) entitlement (effective November 1, 2012)

Xcel Energy made one modification to entitlement levels on Northern since the 2011-2012 plan filed in Docket No. G002/M-11-1076. In April 2010, Xcel Energy increased capacity to Brainerd, MN effective November 1, 2011. Additional capacity is needed in Brainerd, MN to ensure adequate capacity to meet the demands of our firm customers and maintain a 5 percent reserve margin in Brainerd during DD weather. Beginning November 1, 2012, capacity at Brainerd will ratchet up to 4,603 Dth/day from 4,359 Dth/day. Additional capacity, which expires on October 31, 2024, will increase into service as follows:

November 1, 2013 - October 31, 2014	4,839 Dth/day
November 1, 2014 - October 31, 2021	4,894 Dth/day <sup>3</sup>

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<sup>3</sup> Capacity beginning November 1, 2014 has been revised from the 2011-2012 plan filed in Docket No. G002/M-11-1076.

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November 1, 2021 - October 31, 2022	535 Dth/day
November 1, 2022 - October 31, 2023	291 Dth/day
November 1, 2023 - October 31, 2024	55 Dth/day

- b. Change in ANR Pipeline (ANR) entitlement (effective November 1, 2012)

On June 30, 2008, Xcel Energy executed a Precedent Agreement with ANR for incremental firm entitlement from the Jolie Hub in Chicago to Marshfield, i.e., the interconnect between ANR and Viking, with an in-service date of November 1, 2010. The capacity ratcheted up from 50,000 Dth/day to 57,500 Dth/day on November 1, 2011, and will ratchet up to 66,500 Dth/day on November 1, 2012. This capacity is needed to deliver gas to Marshfield to effectuate the Northern Chisago realignment discount option and source gas supplies for the Viking capacity acquired as part of the Fargo lateral construction project which was described in the 2009-2010 plan filed in Docket No. G002/M-09-1287.

- c. Change in Great Lakes Gas Transmission (Great Lakes) entitlements (effective November 1, 2012)

After negotiations with Great Lakes and initial bids from suppliers, we believe purchasing backhaul capacity is more cost effective than the supply displacement contracts we used last season. Should a displacement contract become a more economical option, a displacement contract or combination of a displacement contract and backhaul capacity may be utilized in order to diversify our options of transporting ANR Storage withdrawals. The backhaul contract will be in effect November 1, 2012 through March 31, 2013 to coincide with the ANR Storage withdrawal season. We plan to purchase 15,266 Dth/day of backhaul capacity which is based on our storage withdrawal capability of 15,297 Dth/day less withdrawal fuel of 0.2 percent.

- d. Change in Viking Gas Transmission (Viking) entitlement (effective December 1, 2012)

Xcel Energy plans to acquire backhaul capacity on Viking to transport volumes from Marshfield, the interconnect between Viking and ANR, to Fargo, ND. We anticipate purchasing 14,287 Dth/day of capacity that will equate to backhaul capacity on Viking

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**Attachment 1**  
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with ANR capacity terminating at Marshfield. It is anticipated that the term of this capacity will be December, 1, 2012 through February 28, 2013 because it will be used to meet design day requirements of firm customers served off Viking during the coldest winter days.

3. *Change in Jurisdictional Allocations*

a. Change in Minnesota Jurisdiction Allocation Factor

The DD allocation factor decreased slightly for the Minnesota state jurisdiction from 89.36 percent to 89.07 percent. As in previous years, we calculate the allocation factor by dividing the DD forecasted demand for Minnesota state by the DD demand for the Company. The Minnesota state, North Dakota state, and Company totals are provided on **Attachment 1, Schedule 1, Page 1 of 4**. We used the traditional method of Avg. Monthly DD to update the allocation factors, since this approach accurately estimates the relationship of DD between the states and regional jurisdictions and accurately incorporates the monthly non-electronic pipeline measurements.

4. *Change in Supplier Reservation Fees*

The total change in existing supplier reservation charges is a decrease of **[TRADE SECRET BEGINS                      TRADE SECRET ENDS]** annually. **Attachment 1, Schedule 2** lists the changes in Supply Entitlements. Xcel Energy will not execute any new supply deals with reservation fees for the November 2012 through March 2013 timeframe.

**B. The Utility's Design Day demand by customer class and the change in DD demand, if any, necessitating the demand revision:**

We provide the DD demand and change in DD demand by class as **Attachment 1, Schedule 3**.

We propose to keep our capacity reserve margin at 6.1 percent in November 2012, the same level as in November 2011, as described in **Attachment 2, Schedule 1, Page 2 of 2**. We believe this reserve margin is appropriate, given the need to balance the uncertainty of: (a) the likelihood of experiencing DD conditions (the most recent extreme cold period occurred in late January to early February 1996); (b) actual

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**Attachment 1**

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consumer demand during DD conditions; and (c) the need to protect against the potential loss of a source of firm gas supply.

We add firm resources to meet projected firm customer demand and plans to maintain a reserve margin as close as practicable to either the capability of the largest pump at Wescott used to vaporize LNG or to the capability of either of the St. Paul metro propane-air peak shaving plants. Capacity decisions are based on projected demand, and the most economic method of adding capacity often involves adding increments that do not precisely match expected changes in demand. The reserve margin ensures reliability for our firm natural gas customers in Minnesota. The proposed 2012-2013 heating season DD reserve margin for Minnesota state is 43,088 Dth/day or 6.1 percent.

**C. Summary of the levels of winter versus summer usage for all customer classes:**

We provide the summary of winter and summer sales by class on **Attachment 1, Schedule 4**.

**D. Description of Design Day gas supply from all sources under the new level allocation or form of demand:**

We provide our firm supply entitlements on **Attachment 1, Schedule 5**.



Northern States Power Company  
**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**  
2012-2013 Heating Season

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Attachment 1  
Schedule 1  
Page 1 of 4

Service Region (1)	Projected	Contracted Demand		Load Variation (Dth/Degree) (4)	Degree per Design Day (5)	Monthly Base Use (Dth) (6)	Unacc. Factor (7)	Res & Comm'l Design Day (Dth) (8)	Total Design Day (Dth) (9)	Jurisdictional Allocation Factors (10)
	Jan 2013 Firm Res & Comm Customers (2)	by Small & Large Demand Billed Comm'l Customers (3a) (3b)								
METRO	308,225	74	11,175	0.0290045	91	1.3341332	1.009	490,088	501,263	
BRAINERD	15,497	3	353	0.0181172	91	1.3172409	1.009	18,719	19,072	
MAINLINE	14,958	11	2,438	0.0308544	88	1.4550359	1.009	23,267	25,705	
MAINLINE-WELCOME	2,220	0	0	0.0160788	88	0.9606156	1.009	2,572	2,572	
WILLMAR	10,054	1	113	0.0178572	88	0.9661804	1.009	12,379	12,492	
PAYNESVILLE	40,826	18	2,676	0.0341185	94	1.2257570	1.009	67,743	70,419	
VGT-CHISAGO	3,143	0	0	0.0129102	91	1.2639732	1.009	3,650	3,650	
WATKINS	7,101	1	252	0.0153176	94	1.2432038	1.009	8,574	8,826	
TOMAH	15,404	8	1,685	0.0307940	88	0.5420936	1.009	23,127	24,812	
RED WING	7,447	5	807	0.0297011	88	1.2560756	1.009	11,376	12,183	
GRAND FORKS MN	2,895	1	63	0.0271511	98	0.4826672	1.009	4,350	4,413	
FARGO MN	11,318	2	916	0.0269619	98	0.3543965	1.009	15,836	16,752	
<b>MN State</b>	<b>439,087</b>	<b>123</b>	<b>20,478</b>					<b>681,682</b>	<b>702,159</b>	<b>89.07%</b>
GRAND FORKS ND	14,506	0	0	0.0152705	98	1.7910878	1.009	26,048	26,048	
FARGO ND	33,232	0	0	0.0149681	98	1.8675594	1.009	58,635	58,635	
WBI ND	1,012	0	0	0.0125367	98	0.5296982	1.009	1,456	1,456	
<b>ND State</b>	<b>48,750</b>	<b>0</b>	<b>0</b>					<b>86,139</b>	<b>86,139</b>	<b>10.93%</b>
<b>TOTAL</b>	<b>487,837</b>	<b>123</b>	<b>20,478</b>					<b>767,821</b>	<b>788,298</b>	<b>100.00%</b>

- (1) Regional areas of the company.
- (2) Estimated firm customers.
- (3a) Firm Large and Small Commercial Demand Billed customers.
- (3b) Firm contracted Design Day entitlement for Large and Small Commercial Demand Billed customers.
- (4) Temperature dependent usage as determined by linear regression based on using 60 months March 2006 to Dec 2010
- (5) Degree Days for a Design Day in that region.
- (6) Monthly base usage determined by linear regression based on using the same 60 months as in (4).
- (7) Factor to correct for unaccounted gas usage.
- (8) Estimated Design Day Demand for Firm Residential & Commercial Customers.
- (9) Estimated Total Design Day for Firm Residential, Commercial, and Demand Billed Customers.
- (10) Jurisdictional allocation factors based on percent of Total Company Design Day Demand.



Northern States Power Company  
**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**  
2012-2013 Heating Season

Division/Region (1)	Projected Firm Jan 2013 Cust (2)	Load Variation (Dth/Deg) (3) X Variable 1	DD/ Design Day (4)	Monthly Base Use (Dth) (5) Intercept	R-Square	Lost & Unacc. Factor (6)	Design Day (Dth) 2013				2012 Design Day	Mcf Difference % Diff.	Gross-up to Peak Day Method	Peak Day Method Totals
							Unacc. Volume	Load Variation	Day Base	Total				
<b>GRAND FORKS ND</b>														
Total Residential	12,525	0.0085294	98	0.4593429	0.9860	0.0090	96	10,470	189	<b>10,755</b>	10,720	35	1,551	<b>12,306</b>
Total Small Commercial	1,980	0.0579107	98	10.2148628	0.9794	0.0090	107	11,238	665	<b>12,011</b>	11,643	368	1,732	<b>13,742</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	-	-	-	-	-
-----														
	14,506	0.0152705		1.79108782			203	21,708	855	<b>22,766</b>	22,362	403	3,282	<b>26,048</b>
-----												1.8%		
<b>FARGO ND</b>														
Total Residential	28,124	0.0082222	98	0.4590051	0.9828	0.0090	208	22,662	425	<b>23,294</b>	22,787	507	3,359	<b>26,653</b>
Total Small Commercial	5,108	0.0521093	98	9.6226323	0.9865	0.0090	249	26,086	1,617	<b>27,952</b>	26,839	1,113	4,030	<b>31,982</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	-	-	-	-	-
-----														
	33,232	0.0149681		1.867559391			457	48,748	2,042	<b>51,246</b>	49,626	1,620	7,389	<b>58,635</b>
-----												3.3%		
<b>WBLND</b>														
Total Residential	866	0.0087776	98	0.3604006	0.9514	0.0090	7	745	10	<b>762</b>	728	35	110	<b>872</b>
Total Small Commercial	146	0.0349026	98	1.5370032	0.8745	0.0090	5	498	7	<b>510</b>	478	32	74	<b>583</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	-	-	-	-	-
-----														
	1,012	0.0125367		0.529698249			11	1,243	18	<b>1,272</b>	1,205	67	183	<b>1,456</b>
-----												5.5%		
<b>ND COMPANY</b>														
Total Residential	41,516									<b>34,811</b>	34,234	577	5,019	<b>39,830</b>
Total Small Commercial	7,234									<b>40,473</b>	38,960	1,513	5,835	<b>46,308</b>
Total Large Commercial	0									<b>0</b>	0	0	0	<b>0</b>
Contract Demand	0									-	-	-	-	-
-----														
	48,750									<b>75,284</b>	73,194	2,090	10,855	<b>86,139</b>
-----												2.9%		
<b>Grand Total</b>														
Total Residential	446,993									<b>428,174</b>	428,049	126	61,734	<b>489,909</b>
Total Small Commercial	33,320									<b>124,898</b>	123,974	924	18,008	<b>142,906</b>
Total Large Commercial	7,524									<b>117,993</b>	118,652	(659)	17,012	<b>135,005</b>
Contract Demand	123									<b>20,478</b>	19,888	589	-	<b>20,478</b>
-----														
	487,960									<b>691,543</b>	690,563	980	96,755	<b>788,298</b>
-----												0.1%		

Northern States Power Company  
**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**  
2012-2013 Heating Season

**CUSTOMERS BY AREA (EXCLUDING DEMAND BILLED)**

Area	2013 FORECAST	2012 FORECAST	Difference	%Diff
METRO	308,225	308,910	(685)	-0.2%
BRAINERD	15,497	15,088	409	2.7%
MAINLINE	14,958	15,058	(100)	-0.7%
MAINLINE-WELCOME	2,220	2,181	39	1.8%
WILLMAR	10,054	10,002	52	0.5%
PAYNESVILLE	40,826	40,754	72	0.2%
VGT-CHISAGO	3,143	3,123	20	0.6%
WATKINS	7,101	7,103	(2)	0.0%
TOMAH	15,404	15,278	126	0.8%
RED WING	7,447	7,465	(19)	-0.3%
GRAND FORKS MN	2,895	2,860	35	1.2%
FARGO MN	11,318	11,106	212	1.9%
MN STATE	439,087	438,929	158	0.0%
GRAND FORKS ND	14,506	14,385	121	0.8%
FARGO ND	33,232	32,397	835	2.6%
WBI ND	1,012	973	39	4.1%
ND STATE	48,750	47,754	996	2.1%
<b>TOTAL NSP MN</b>	<b>487,837</b>	<b>486,683</b>	<b>1,154</b>	<b>0.2%</b>

**2013 Customer #s**

	MN	ND	
Res	405,477	41,516	446,993
Sm Com	26,086	7,234	33,320
Lg Com	7,524	0	7,524
Ind	123	0	123
	439,210	48,750	487,960

**2013 Design Day Use By Customer Class**

	MN	ND	
Res	450,079	39,830	489,909
Sm Com	96,597	46,308	142,906
Lg Com	135,005	0	135,005
Ind	20,478	0	20,478
	702,159	86,139	788,298

**DESIGN DAY MMBTU DEMAND BY AREA**

Area	2013 FORECAST	2012 FORECAST	Difference	%Diff
METRO	501,263	503,334	(2,071)	-0.4%
BRAINERD	19,072	18,458	615	3.3%
MAINLINE	25,705	25,818	(113)	-0.4%
MAINLINE-WELCOME	2,572	2,544	28	1.1%
WILLMAR	12,492	12,356	135	1.1%
PAYNESVILLE	70,419	69,986	432	0.6%
VGT-CHISAGO	3,650	3,598	52	1.4%
WATKINS	8,826	8,790	36	0.4%
TOMAH	24,812	24,342	470	1.9%
RED WING	12,183	12,251	(68)	-0.6%
GRAND FORKS MN	4,413	4,357	57	1.3%
FARGO MN	16,752	16,461	291	1.8%
MN STATE	702,159	702,294	(135)	0.0%
GRAND FORKS ND	26,048	25,541	507	2.0%
FARGO ND	58,635	56,680	1,955	3.4%
WBI ND	1,456	1,377	79	5.7%
ND STATE	86,139	83,598	2,541	3.0%
<b>TOTAL NSP MN</b>	<b>788,298</b>	<b>785,892</b>	<b>2,406</b>	<b>0.3%</b>

**MN / ND Allocation Factors**

2013 DD	2012 DD	
0.8907	0.8936	MN State Allocation
0.1093	0.1064	ND State Allocation

NNG SYSTEM	2013 FORECAST	2012 FORECAST	Difference	%Diff
METRO	501,263	503,334	(2,071)	-0.4%
BRAINERD	19,072	18,458	615	3.3%
MAINLINE	25,705	25,818	(113)	-0.4%
MAINLINE-WELCOME	2,572	2,544	28	1.1%
WILLMAR	12,492	12,356	135	1.1%
PAYNESVILLE	70,419	69,986	432	0.6%
WATKINS	8,826	8,790	36	0.4%
TOMAH	24,812	24,342	470	1.9%
RED WING	12,183	12,251	(68)	-0.6%
NNG SUBTOTAL	677,344	677,878	(534)	-0.1%

VGT SYSTEM	2013 FORECAST	2012 FORECAST	Difference	%Diff
VGT-CHISAGO	3,650	3,598	52	1.4%
GRAND FORKS MN	4,413	4,357	57	1.3%
FARGO MN	16,752	16,461	291	1.8%
GRAND FORKS ND	26,048	25,541	507	2.0%
FARGO ND	58,635	56,680	1,955	3.4%
WBI ND	1,456	1,377	79	5.7%
VGT SUBTOTAL	110,954	108,014	2,941	2.7%
VGT & NNG Total	788,298	785,892	2,407	0.3%

**CHANGE IN CONTRACT DEMAND ENTITLEMENTS**

<u>Contract Demand Entitlement Changes</u>	<u>Volume Dth/Day</u>	<u>Current Monthly Demand Rates</u>	<u>No. of Months</u>	<u>Total Annual Cost</u>
NNG TFX (Jan - Dec) <sup>1</sup>	4,603	\$ 15.1530	5	\$ 348,746.30
NNG TFX (Jan - Dec) <sup>1</sup>	(4,359)	\$ 15.1530	5	\$ (330,259.64)
NNG TFX (Jan - Dec) <sup>1</sup>	4,603	\$ 5.6830	7	\$ 183,111.94
NNG TFX (Jan - Dec) <sup>1</sup>	(4,359)	\$ 5.6830	7	\$ (173,405.38)
VGT FT-A (Nov - Mar) <sup>2</sup>	14,287	\$ 4.8871	3	\$ 209,465.99
GLGT FT (Nov - Mar) <sup>3</sup>	15,266	\$ 3.6240	5	\$ 276,619.92
ANR FTS (Jan - Dec) <sup>3</sup>	9,000	\$ 5.3660	12	\$ 579,528.00
ANR FTS (Jan - Dec) <sup>4</sup>	(19)	\$ 4.1700	12	\$ (950.76)
ANR FSS (Jan - Dec) <sup>5</sup>	(87)	\$ 2.0400	12	\$ (2,129.76)
ANR FSS (Jan - Dec) <sup>5</sup>	(450)	\$ 0.4000	12	\$ (2,157.60)
Total				\$ 1,088,569.02

[TRADE SECRET BEGINS]

**Supplier Entitlement Changes**

Change in Supplier Reservation Fees

VGT - J Aron	(10,000)
GLT - J Aron	(7,649)
GLT - Macquarie	(7,648)
VGT - United Energy	(15,000)
Total	

**Total MN & ND Demand Cost Adjustment**

Minnesota Allocation Factor (MN/ND Allocated Demand)

**MN only Demand Cost Adjustment due to MN/ND Allocated Demand**

[TRADE SECRET ENDS]

<sup>1</sup>NNG Sixth Revised Volume No. 1, Fourth Revised Sheet No. 51, Effective April 1, 2012

<sup>2</sup>VGT Volume No. 1, Part 5.0 - Statement of Rates, v. 9.0.0, Effective April 1, 2012

<sup>3</sup>Negotiated rate

<sup>4</sup>ANR Third Revised Volume No. 1, Part 4.3 - Statement of Rates, v. 0.0.0, Effective September 30, 2010

<sup>5</sup>ANR Third Revised Volume No. 1, Part 4.9 - Statement of Rates, v. 0.0.0, Effective September 30, 2010

Northern States Power Company

Docket No. G002/M-12-\_\_\_

**SUMMARY OF DESIGN DAY DEMAND BY CUSTOMER CLASS**

Attachment 1

Design Day: Heating Season 2012-2013

Schedule 3

Page 1 of 2

**DESIGN DAY CALCULATION**

	Jan-2013 Budget Customer	2013 MMBtu Design Day <sup>1</sup>	2012 MMBtu Design Day <sup>1</sup>	MMBtu Change
<u>State of Minnesota</u>				
Residential	405,477	450,078	449,791	287
Commercial	33,610	231,603	232,615	(1,012)
Demand Billed	123	20,478	19,888	589
<b>State of Minnesota Total</b>	<b>439,210</b>	<b>702,159</b>	<b>702,294</b>	<b>(135)</b>
State of North Dakota Total	48,750	86,139	83,598	2,541
Total Xcel Energy - Gas Utility Operations	487,960	788,298	785,892	2,406

<sup>1</sup> 91 Heating Degree Days for Design Day

**DESIGN DAY ESTIMATE FROM ACTUAL USE PER CUSTOMER**

	Jan-2013 Budget Customer	Jan-2012 Budget Customer	Change
<u>Minnesota Company</u>			
Residential	446,993	446,147	846
Commercial	40,844	40,536	308
TOTAL	487,837	486,683	1,154
Peak Day Use/Cust <sup>2</sup>	1.57393	1.57393	
Peak Day Res. & Comm. MMBtus	767,820	766,004	
Demand Billed Customers	123	126	
Contracted Billing Demand of Demand Billed Customers	20,478	19,888	
Projected Design Day (Dth)	788,298	785,892	2,406

<sup>2</sup> Determined from Peak Day usage at an average temperature of -15 degrees Fahrenheit on Thursday, Jan. 29, 2004

**MINNESOTA COMPANY ENTITLEMENT ESTIMATE PER CUSTOMER**

	Jan-2013 Budget	Jan-2012 Budget
Reserve Margin	115,609	113,484
Total Available Capacity	903,907	899,376
Entitlement per Customer	1.8524	1.8475

Northern States Power Company

**DERIVATION OF ACTUAL PEAK DAY USE PER CUSTOMER**

Design Day: Heating Season 2012-2013

<u>Description</u>	<u>Values</u>	<u>Units</u>	<u>Equation</u>
(1) Date of Peak Day	January 29, 2004		
(2) Day of the Week	Thursday		
(3) Total Throughput including Peakshaving	648,400	Dth	
(4) Actual Large and Small Comm'l Demand Billed Usage	(13,863)	Dth	
(5) Total Throughput including Peakshaving less Demand Billed	634,537	Dth	(5) = (3) - (4)
(6) Interruptible Customers Status	All Curtailed		
(7) Average Actual Gas Day Temperature	-15	Deg F	
(8) Heating Degree Days (HDD) 65 degree base	80	HDDs	(8) = 65 - (7)
<b>[TRADE SECRET BEGINS]</b>			
(9) Limited Firm/Standby Dth Demand on system		Dth	
(10) Total Firm Throughput less Ltd F/Stdby & Demand Billed Customers		Dth	(10) = (5) + (9)
(11) 2004 Non-HDD Sensitive Base Dth <sup>1</sup>		Dth	
(12) Total HDD sensitive Firm throughput		Dth	(12) = (10) + (11)
(13) Actual Peak Day Dth/HDD		Dth/HDD	(13) = (12) / (8)
<b>TRADE SECRET ENDS]</b>			
(14) Base + (Actual Dth/HDD * 91 HDDs)	695,134	Dth	(14) = -(11) + [(13) x 91 HDDs]
(15) Base + (Actual Dth/HDD * 91 HDDs) + Actual Demand Billed Usage	708,997		(15) = (14) + -(4)
(16) Average Monthly Projected 2004 Design Day <sup>1</sup>	677,930	Dth	
(17) Actual Peak Day UPC vs. Avg Monthly Design Day	(31,067)	Dth	(17) = (16) - (15)
(18) Average Monthly 2004 Design Day Reserve Margin <sup>1</sup>	44,733	Dth	
(19) Actual 2004 Reserve Margin based on Peak Actuals	13,666	Dth	(19) = (18) + (17)
(20) January 2004 Projected Firm Residential & Comm'l Customers <sup>1</sup>	441,656	Customers	
(21) Peak Day Actual Use Per Residential & Comm'l Firm Customer	1.57393	Dth/customer	(21) = (14) / (20)

<sup>1</sup>As described in Company's 2003 - 2004 Contract Demand Filing

Northern States Power Company  
MINNESOTA STATE HISTORICAL SALES - SEASONAL USAGE  
(Dth)

**Customer Class**

	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Total	Winter	Summer
Residential	716,854	642,865	714,834	1,027,081	2,233,566	4,270,415	5,593,233	5,340,676	4,212,416	1,880,696	1,501,299	810,018	28,943,952	21,650,306	7,293,646
Interdepartmental	35	9	15	101	398	1,014	1,582	1,502	1,417	668	435	83	7,259	5,912	1,347
Small Commercial Firm	146,292	136,052	147,733	210,974	390,151	849,141	1,180,086	1,142,667	917,571	420,692	313,536	177,001	6,031,895	4,479,616	1,552,279
<u>Large Commercial Firm</u>	<u>259,112</u>	<u>241,745</u>	<u>259,881</u>	<u>377,876</u>	<u>672,911</u>	<u>1,263,336</u>	<u>1,745,538</u>	<u>1,664,939</u>	<u>1,366,507</u>	<u>705,534</u>	<u>538,303</u>	<u>318,772</u>	<u>9,414,453</u>	<u>6,713,231</u>	<u>2,701,222</u>
Commercial Firm	405,439	377,806	407,629	588,950	1,063,460	2,113,490	2,927,206	2,809,108	2,285,495	1,126,895	852,273	495,856	15,453,607	11,198,759	4,254,848
Small Commercial Demand Billed	8,898	8,069	8,366	10,399	7,984	11,223	15,904	10,303	15,702	8,925	9,738	7,680	123,190	61,116	62,075
Large Commercial Demand Billed	139,041	115,025	135,125	135,546	163,013	234,059	284,218	244,937	295,718	170,636	161,985	145,606	2,224,909	1,221,945	1,002,964
<u>Large Demand Billed - Generation</u>	<u>1,103</u>	<u>1,349</u>	<u>1,302</u>	<u>694</u>	<u>1,899</u>	<u>1,114</u>	<u>2,636</u>	<u>1,488</u>	<u>1,261</u>	<u>1,422</u>	<u>1,502</u>	<u>1,667</u>	<u>17,436</u>	<u>8,397</u>	<u>9,039</u>
Commercial Demand Billed	149,043	124,443	144,793	146,639	172,896	246,395	302,758	256,728	312,681	180,983	173,225	154,953	2,365,536	1,291,458	1,074,078
Total Commercial Firm	554,482	502,248	552,422	735,589	1,236,356	2,359,886	3,229,964	3,065,836	2,598,176	1,307,878	1,025,498	650,809	17,819,142	12,490,217	5,328,925
Total Firm	1,271,336	1,145,113	1,267,256	1,762,670	3,469,921	6,630,301	8,823,197	8,406,512	6,810,591	3,188,573	2,526,796	1,460,827	46,763,094	34,140,523	12,622,571
Small Interruptible	71,461	67,496	71,615	96,061	186,417	335,793	450,125	356,016	421,070	195,765	160,388	86,614	2,498,821	1,749,421	749,400
Medium Interruptible	438,257	371,649	426,832	505,341	594,496	763,296	780,865	689,426	747,347	464,995	424,759	465,901	6,673,163	3,575,429	3,097,734
Large Interruptible	129,856	147,646	123,931	84,617	106,327	196,062	247,507	249,413	225,178	139,375	119,983	158,105	1,927,998	1,024,486	903,512
<u>Med. &amp; Lg. Interruptible - Generation</u>	<u>7,329</u>	<u>1,977</u>	<u>5,185</u>	<u>4,548</u>	<u>1,781</u>	<u>6,327</u>	<u>6,840</u>	<u>16,303</u>	<u>17,806</u>	<u>11,950</u>	<u>3,376</u>	<u>18,570</u>	<u>101,991</u>	<u>49,057</u>	<u>52,935</u>
Total Interruptible	646,901	588,769	627,564	690,567	889,021	1,301,478	1,485,336	1,311,158	1,411,400	812,084	708,506	729,190	11,201,973	6,398,393	4,803,581
Total Firm and Interruptible	1,918,238	1,733,882	1,894,819	2,453,237	4,358,942	7,931,779	10,308,533	9,717,670	8,221,992	4,000,657	3,235,302	2,190,017	57,965,067	40,538,915	17,426,152
Firm Transportation	16,193	13,879	17,141	15,559	16,969	20,807	22,417	20,505	17,522	16,862	17,677	17,588	213,119	98,220	114,899
Interruptible Transportation	230,513	223,615	239,492	211,902	258,053	288,501	321,203	286,141	304,830	283,170	283,159	271,121	3,201,700	1,458,728	1,742,972
Negotiated Transportation	506,759	529,769	611,284	567,942	709,352	645,204	658,248	533,200	573,543	424,189	440,696	553,976	6,754,162	3,119,547	3,634,615
<u>Interdepartmental Transport - Generation</u>	<u>1,884,700</u>	<u>816,468</u>	<u>153,892</u>	<u>468,933</u>	<u>348,995</u>	<u>799,387</u>	<u>649,216</u>	<u>1,113,110</u>	<u>1,768,242</u>	<u>1,556,489</u>	<u>1,239,520</u>	<u>2,432,472</u>	<u>13,231,424</u>	<u>4,678,950</u>	<u>8,552,474</u>
Total Transportation	2,638,165	1,583,731	1,021,809	1,264,336	1,333,369	1,753,899	1,651,084	1,952,956	2,664,137	2,280,710	1,981,052	3,275,157	23,400,405	9,355,445	14,044,960
<b>Total Customer Sales</b>	<b>4,556,402</b>	<b>3,317,613</b>	<b>2,916,629</b>	<b>3,717,573</b>	<b>5,692,311</b>	<b>9,685,678</b>	<b>11,959,617</b>	<b>11,670,626</b>	<b>10,886,128</b>	<b>6,281,367</b>	<b>5,216,354</b>	<b>5,465,174</b>	<b>81,365,473</b>	<b>49,894,360</b>	<b>31,471,112</b>
Monthly Heating Degree Days	0	0	160	364	774	1,139	1,287	1,083	536	448	112	9	5,913	4,820	1,093



Northern States Power Company  
**FIRM SUPPLY ENTITLEMENTS**  
2012-2013 Heating Season

	<b>Current Quantity Effective 11/1/2011 Dth/Day</b>	<b>Proposed Quantity Effective 11/1/2012 Dth/Day</b>	<b>Proposed Quantity Change 11/1/2012 Dth/Day</b>
--	---	--	---

A. Upstream Supply

**[TRADE SECRET BEGINS]**

- ANR Firm 3rd Party (2)
- ANRP Storage (2)
- ANR Storage Company (3)
- GLGT Firm 3rd Party (3)

B. Minnesota Company Delivered Supply

- WBI Firm 3rd Party
- VGT Firm 3rd Party
- NNG Firm 3rd Party
- NNG FDD Storage

**TRADE SECRET ENDS]**

LP Peak Shaving	90,000	90,000	-
LNG Peak Shaving	156,000	156,000	-
TOTAL	833,811	836,698	2,887

C. Minnesota State Delivered Supply

State of MN Allocators	89.36%	89.07%	
TOTAL	745,094	745,247	153

- (1) Contracts are available for inspection upon request
- (2) ANR feeds VGT.
- (3) GLGT feeds NNG or VGT

**ATTACHMENT 2**

**Northern States Power Company**

**Proposal for Entitlement Changes**

**Information provided in response to the  
Department letter dated October 1, 1993**

**PROPOSAL FOR ENTITLEMENT CHANGE**  
**Department Format dated October 1, 1993**

1 Provide a peak-day/design-day study by class for the twelve months ending one year from the proposed implementation date of the change(s):

See Attachment 1, Schedule 3.

2 Provide Heating Degree Day (HDD) data for the most recent twelve month period ending March 31 or September 30. This should include HDD, use per firm customer, and the peak season and off-peak HDD used for calculating the Company's design days:

See Attachment 1, Schedule 1, and Attachment 1, Schedule 4.

3 Historical and Projected Design-Day and Peak Demand Requirements:

**Minnesota State**

Heating Season <sup>1</sup>	Number of Firm Customers <sup>2</sup>	Design Day Requirement (Dth)	Total Entitlement plus Storage plus Peak Shaving <sup>3</sup> (Dth)	Peak Day Sendout (Dth)	Heating Degree Days	Actual Peak Day
-1	-2	-3	-4	-5	-6	
Proposed: 2012/2013	439,210	702,159	745,247	Unknown	Unknown	Unknown
2011/2012	439,055	702,294	745,094	659,263	65	1/19/2012
2010/2011	436,594	699,611	743,781	675,667	69	1/20/2011
2009/2010	433,698	694,487	748,267	590,931	67	12/10/2009
2008/2009	428,852	685,005	732,291	601,425	78	1/15/2009
2007/2008	431,503	683,717	721,506	585,874	72	1/29/2008
2006/2007	424,415	677,733	696,257	568,963	67	2/2/2007
2005/2006	421,570	670,846	691,689	537,660	63	12/5/2005
2004/2005	410,986	649,655	675,120	537,374	60	1/5/2005
2003/2004	401,633	603,468	643,315	561,250	80	1/29/2004
2002/2003	395,807	607,856	642,275	534,385	65	1/20/2003

1 Per Annual Financial Reports.

2 Provide data and calculations for projected number of firm customers by class and in total corresponding to the design day requirement.

See Attachment 1, Schedule 1.

3 Total entitlement for Minnesota is calculated from the Proposed November 1 Entitlement.

See Attachment 1, Schedule 5.

4 Demand Profile:

See Attachment 2, Schedule 1.

5 Rate Impact:

See Attachment 2, Schedule 2.

Northern States Power Company  
**COMPANY DEMAND PROFILE**  
 2012-2013 Heating Season

Contract No.	Type of Capacity or Entitlement	Current Amount Dth or MMBtu	Proposed Change Dth or MMBtu	Proposed Amount Dth or MMBtu	Contract Length and Expiration Date	Change Description	% of Peak Day Entitlement
<b>Capacity Entitlements</b>							
112183	NNG TF12 BASE (Max)	104,117	0	104,117	10 yrs - 10/31/17		11.52%
112183	NNG TF12 VARIABLE (Max)	0	0	0	10 yrs - 10/31/17		0.00%
112182	NNG TF12 BASE (Disc)	11,937	0	11,937	10 yrs - 10/31/17		1.32%
112182	NNG TF12 VARIABLE (Disc)	82,590	0	82,590	10 yrs - 10/31/17		9.14%
112183	NNG TF5 (Max)	62,415	0	62,415	10 yrs - 10/31/17		6.91%
112182	NNG TF5 (Disc)	29,599	0	29,599	10 yrs - 10/31/17		3.27%
111739	NNG TFX (Nov-Mar)	28,500	0	28,500	8 yrs - 10/31/17	Contract renewal	3.15%
112185	NNG TFX (Disc. Nov-Mar)	56,106	0	56,106	10 yrs - 10/31/17		6.21%
112185	NNG TFX (Disc. 12-month)	21,680	0	21,680	10 yrs - 10/31/17		2.40%
112185	NNG TFX 5 (Disc)	4,415	0	4,415	10 yrs - 10/31/17		Summer Only
112185	NNG TFX 2 (Disc)	90	0	90	10 yrs - 10/31/17		Summer Only
112186	NNG TFX (Max)	46,855	0	46,855	10 yrs - 10/31/17		5.18%
112186	NNG TFX 2 (Max)	5,800	0	5,800	10 yrs - 10/31/17		Summer Only
112186	NNG TFX 5 (Max)	25,103	0	25,103	10 yrs - 10/31/17		Summer Only
112184	NNG TFX (Disc.)	25,000	0	25,000	10 yrs - 10/31/17		2.77%
122067	NNG TFX (Disc. Nov-Mar)	4,800	0	4,800	10 yrs - 10/31/17		0.53%
122067	NNG TFX 7 (Disc)	4,800	0	4,800	10 yrs - 10/31/17		Summer Only
122068	NNG TFX (Nov-Mar)	4,359	244	4,603	10 yrs - 10/31/24	Incremental capacity	0.51%
122068	NNG TFX 7 (Max)	4,359	244	4,603	10 yrs - 10/31/24	Incremental capacity	Summer Only

**[TRADE SECRET BEGINS**

VGT to NNG Chisago (1)							
VGT Pierz to NNG (2)							
Capacity Release							
AF0044	VGT FT-A 12 Mos.	29,002	0	29,002	5 yrs - 10/31/13		3.21%
AF0044	VGT FT-A (Nov-Mar)	4,239	0	4,239	5 yrs - 10/31/13		0.47%
AF0103	VGT FT-A (Apr-Oct)	5,000	0	5,000	15 yrs - 10/31/14		Summer Only
AF0103	VGT FT-A 12 Mos.	10,000	0	10,000	15 yrs - 10/31/14		1.11%
AF0037	VGT FT-A 12 Mos.	15,600	0	15,600	8.5 yrs - 10/31/17	Contract renewal	1.73%
AF0116	VGT FT-A 12 Mos.	1,903	0	1,903	5 yrs - 5/31/11		0.21%
AF0156	VGT FT-A 12 Mos.	72,213	0	72,213	8 yrs - 10/31/17		7.99%
TBD	VGT FT-A (Nov-Mar)	0	14,287	14,287	3 mos - 3/31/2013	Capacity acquisition	1.58%
WBI FT-1097							
		8,000	0	8,000	26.5 yrs - 10/31/19	Contract renewal	0.89%
WBI FT-157							
		461	0	461	20 yrs - 07/01/13		0.05%
City Gate Deliveries							
		34,000	(10,000)	24,000	10 yrs - 10/31/17		2.66%
LP Peak Shaving							
		90,000	0	90,000			9.96%
LNG Peak Shaving							
		156,000	0	156,000			17.26%
<b>Total Design Day Capacity</b>		<b>899,376</b>		<b>903,907</b>			<b>100%</b>
Heating Season Total		899,376		903,907			
Non-Heating Season Total		407,070		407,314			

**TRADE SECRET ENDS]**

**Miscellaneous Entitlements with Reservation Fees**

Additional Pipeline Entitlements

ANR FTS-106209 12 Mos. (1)	4,829		4,829	7 yrs - 03/31/15			
ANR FTS-106211 (Summer) (1)	4,914	(19)	4,895	7 yrs - 03/31/15	Capacity decrease w/ fuel filing		
ANR FTS-106211 (Winter) (1)	15,171		15,171	7 yrs - 03/31/15			
ANR FTS-114492 12 Mos. (1)	57,500	9,000	66,500	9 yrs - 10/31/2019	Incremental capacity		
GLT FT14739 (2)							
	3,509	0	3,509	4 yrs - 03/31/14			
GLT FT14739 (2)							
	4,475	0	4,475	4 yrs - 03/31/14			
GLT Backhaul (2)							
	0	15,266	15,266	5 mos. - 03/31/13	Capacity acquisition		
NNG SMS (3)							
	30,650		30,650	15 yrs - 10/31/17			
VGT OBA (3)							
	7,400		7,400	14 yrs - 10/31/09			

Supply Entitlements (4)

**[TRADE SECRET BEGINS**

Storage Entitlements

ANR Pipeline Storage (.946 MMcf)	15,296	(87)	15,209	7 yrs - 3/31/15	Capacity decrease w/ fuel filing	
ANR Storage (.994 MMcf)	15,297		15,297	7 yrs - 3/31/14		
FDD Service (8.085 MMcf)	140,230		140,230	5 yrs - 5/31/17 (1.4 MMcf expires 5/31/13)		
FDD Service (4.5 MMcf)	78,050		78,050	15 yrs - 5/31/27		

**TRADE SECRET ENDS]**

- (1) Not included in total peak deliverability -- feeds VGT (capacity not additive)
- (2) Not included in total peak deliverability -- feeds NNG (capacity not additive).
- (3) Not included in total peak deliverability -- entitlement delivered by or associated with TF or FT-A service.
- (4) Supply contracts containing reservation fees.

Northern States Power Company

Attachment 2

**CHANGES TO CONTRACT ENTITLEMENTS AS OF NOVEMBER 1, 2012**

Schedule 1

Page 2 of 2

	Current Amount <u>Dth</u>	Proposed Change <u>Dth</u>	Proposed Amount <u>Dth</u>
<b>Total MN Company Available Capacity:</b>			
Heating Season	899,376	4,531	903,907
Non-Heating Season	407,070	244	407,314
Heating Season			
Forecasted Design Day	785,892	2,407	788,298
Non-Heating Season			
Forecasted Design Day	N/A	N/A	N/A
Heating Season Capacity			
Reserve/(Shortage)	113,484	2,124	115,609
Non-Heating Season Capacity			
Reserve/(Shortage)	N/A	N/A	N/A
Heating Season Capacity			
Reserve/(Shortage) Margin %	14.4%	0.2%	14.7%
<b>Total MN State Available Capacity:</b>			
State of MN Allocation Factor	89.36%	-0.29%	89.07%
State of MN Heating Season Capacity	803,682	1,428	805,110
State of MN Design Day Demand	702,294	(135)	702,159
State of MN Heating Season Capacity			
Reserve/(Shortage)	101,388	1,563	102,951
State of MN Heating Season Capacity			
Reserve/(Shortage) Margin %	14.4%	0.2%	14.7%

(1) Entitlement changes for November are included in Available Capacity.

Please reference Attachment 1 Schedule 5 for the detail on supply entitlement changes.

Northern States Power Company  
MINNESOTA STATE RATE IMPACT

Docket No. G002/M-12-\_\_\_\_  
Attachment 2  
Schedule 2  
Page 1 of 2

Please use the following table to illustrate the financial effects of the proposed change, based on the most recent Purchased Gas Adjustment (PGA), the first PGA which implemented the most recently approved demand change and the last rate case for residential customers and all firm customers. If interruptible customers are affected, please identify the rate impact in the same format as specified below.

Date to implement proposed change: November 1, 2012  
Docket No. of most recently approved demand change: G002/M-06-1454  
Date of last approved rate case: November 12, 2009, 2010 Test Year  
Docket No. of last approved rate case: G002/GR-09-1153

RESIDENTIAL FIRM									
All Cost \$/Dth	2010TY Rate Case Base Cost of Gas (7)	Last Approved Demand Adjustment: November 2006	Last Month PGA: July 2012 (8)	Estimated PGA without Adjustment: November 2012 (8)	Estimated PGA with Adjustment: November 2012 (8)	Change From Last Rate Case Base Cost	Change From Last Approved Demand Adjustment	Change From Last Month PGA	Change From Estimated PGA without Adjustment:
Commodity Cost of Gas (WACOG) (1)	\$5.5042	\$7.0824	\$2.7422	\$3.1604	\$3.1604	-42.6%	-55.4%	15.3%	0.0%
Demand Cost of Gas -Summer (4)	\$0.4569	\$0.6608	\$0.4932	\$0.4879	\$0.4859	6.3%	-26.5%	-1.5%	-0.4%
Demand Cost of Gas - Winter (4, 5)	\$1.0350	\$1.2166	\$1.0956	\$1.0795	\$1.0751	3.9%	-11.6%	-1.9%	-0.4%
<b>Total Cost of Gas - Summer (2)</b>	\$5.9611	\$7.7432	\$3.2354	\$3.6483	\$3.6463	-38.8%	-52.9%	12.7%	-0.1%
<b>Total Cost of Gas - Winter (2)</b>	\$6.5392	\$8.2990	\$3.8378	\$4.2399	\$4.2355	-35.2%	-49.0%	10.4%	-0.1%
<b>Average Annual Total Usage (6)</b>	34,832,360	36,396,910	34,832,360	34,832,360	34,832,360	0.0%	-4.3%	0.0%	0.0%
<b>Average Annual Total Cost of Gas (2)</b>	\$223,102,284	\$297,362,926	\$128,809,700	\$142,903,101	\$142,769,241	-36.0%	-52.0%	10.8%	-0.1%

ALL FIRM CUSTOMERS (3)									
All Cost \$/Dth	2010TY Rate Case Base Cost of Gas (7)	Last Approved Demand Adjustment: November 2006	Last Month PGA: July 2012 (8)	Estimated PGA without Adjustment: November 2012 (8)	Estimated PGA with Adjustment: November 2012 (8)	Change From Last Rate Case Base Cost	Change From Last Approved Demand Adjustment	Change From Last Month PGA	Change From Estimated PGA without Adjustment:
Commodity Cost of Gas (WACOG) (1)	\$5.4871	\$7.0824	\$2.7422	\$3.1604	\$3.1604	-42.4%	-55.4%	15.3%	0.0%
Demand Cost of Gas -Summer (4)	\$0.4569	\$0.6608	\$0.4932	\$0.4879	\$0.4859	6.3%	-26.5%	-1.5%	-0.4%
Demand Cost of Gas - Winter (4, 5)	\$1.0350	\$1.2166	\$1.0956	\$1.0795	\$1.0751	3.9%	-11.6%	-1.9%	-0.4%
<b>Total Cost of Gas - Summer (2)</b>	\$5.9440	\$7.7432	\$3.2354	\$3.6483	\$3.6463	-38.7%	-52.9%	12.7%	-0.1%
<b>Total Cost of Gas - Winter (2)</b>	\$6.5221	\$8.2990	\$3.8378	\$4.2399	\$4.2355	-35.1%	-49.0%	10.4%	-0.1%
<b>Average Annual Total Usage</b>	52,761,557	55,131,424	52,761,557	52,761,557	52,761,557	0.0%	-4.3%	0.0%	0.0%
<b>Average Annual Total Cost of Gas (2)</b>	\$336,922,634	\$450,309,016	\$194,992,413	\$216,342,224	\$216,139,937	-35.8%	-52.0%	10.8%	-0.1%

- (1) Commodity costs include Peakshaving.
- (2) Total cost of gas excludes distribution margin
- (3) Excludes Demand Billed Customers firm sales.
- (4) Rate for Rate Case is a weighted average firm rate since each class has a unique cost of gas.
- (5) Not applicable during the summer months
- (6) Residential Total Usage for October and November columns were imputed by taking the Residential % of usage in the 2010 Test Year Rate Case usage multiplied by the annual usage filed in the PGA for specific months.
- (7) As in the compliance filing
- (8) Does not include the monthly demand true-up surcharge(credit)

Northern States Power Company

Docket No. G002/M-12-\_\_\_\_\_

**DERIVATION OF CURRENT PGA COSTS**

Attachment 2

November 2012 - Projected Costs (Actual prices will be determined Nov.1, 2012)\*

Schedule 2

Page 2 of 2

<u><b>Demand Cost (Res, Sm &amp; Lg Commercial Firm)</b></u>	<u>Annual Cost</u>	<u>Winter Cost</u>	<u>Total</u>
1. MN & ND Total Demand	\$29,648,751	\$27,470,719	
2. <u>x Minnesota Design Day Ratio (2012 Demand Entitlement Filing)</u>	<u>89.07%</u>	<u>89.07%</u>	
3. Annual System Demand Allocation to MN	\$26,408,143	\$24,468,169	
4. <u>MN State Design Day (2012 Demand Entitlement Filing)</u>	702,159	702,159	
5. <u>- Small &amp; Large Demand Billed Dth (2012 Demand Entitlement Filing)</u>	<u>20,478</u>	<u>20,478</u>	
6. Non-Demand Billed Design Day Dkt (4 - 5)	681,681	681,681	
7. Non-Demand Billed Allocation (3 x 6 / 4)	\$25,637,967	\$23,754,571	
8. Demand Billed Cost Allocation (3 - 7)	\$770,176	\$713,598	
9. MN Annual / Seasonal Firm Therm Sales (2010 Rate Case)	527,615,567	403,181,815	
10. Demand Unit Cost \$/Therm (7 / 9)	\$0.04859	\$0.05892	\$0.10751
11. Demand Cost True-up - Residential, Oct-May			\$0.00000
12. Demand Cost True-up - Commercial, Oct-May			\$0.00000
13. Total Demand Rate - Residential (10 +11)			\$0.10751
14. Total Demand Rate -Commercial (10 + 12)			\$0.10751
 <u><b>Demand Cost (Demand Billed)</b></u>			
15. Cost Allocated to Demand Billed (8)	\$770,176	\$713,598	\$1,483,774
16. <u>/ Annual Contract Billing Demand (2012 Demand Entitlement Filing)</u>			<u>2,457,360</u>
17. Monthly Commercial Demand Billed Demand Rate			\$0.60381
 <u><b>Commodity Costs</b></u>			
18. NNG Annual/Viking/WBI/Xcel Energy Pk Shv			<u>\$25,123,629</u>
19. <u>x MN Portion of Monthly Retail Sales</u>			<u>87.75%</u>
20. MN Portion of Monthly Commodity Costs			\$22,045,984
21. MN Budgeted Calendar Month Retail Therm Sales			69,755,921
22. Commodity Unit Cost \$/Therm (20 / 21)			\$0.31604
 <u><b>Total Gas Cost per Therm</b></u>			
23. Residential (13 + 22)			<b>\$0.42355</b>
24. Small & Large Commercial (14 +22)			<b>\$0.42355</b>
25. Small & Large Demand Billed - Demand (17)			<b>\$0.60381</b>
26. Small & Large Demand Billed - Commodity; All Interruptible (22)			<b>\$0.31604</b>

\*Commodity costs are projected and for illustrative purposes only.

**ATTACHMENT 3**

**Northern States Power Company**

**Information provided in response to reporting requirements in  
Docket No. G002/M-08-46 (order dated May 27, 2008)  
Regarding use of financial instruments to limit price volatility.**



Northern States Power Company  
**SUMMARY OF COMPANY HEDGE TRANSACTIONS**  
 2012-2013 Heating Season

Transaction Date	Hedge Instrument	Counterparty	Premium (\$/Dth)	Call Strike Price	Put Strike Price	Daily Vol (Dth)	Basis Point	Monthly Volumes (Dth)					Total Volume (Dth)	Total Dollars
								November	December	January	February	March		
[TRADE SECRET BEGINS]														

TRADE SECRET ENDS]

## CERTIFICATE OF SERVICE

I, Lindsey Didion, 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

**Docket Nos. G002/GR-06-1429,  
G002/GR-09-1153, and  
Xcel Energy Misc. Gas Service List**

Dated this 1st day of August 2012

/s/

---

Lindsey Didion  
Administrative Assistant

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tamie A.	Aberle	tamie.aberle@mdu.com	Great Plains Natural Gas Co.	400 North Fourth Street Bismarck, ND 585014092	Paper Service	No	OFF_SL_6-1429_1
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_6-1429_1
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_6-1429_1
Michael	Bradley	bradley@moss-barnett.com	Moss & Barnett	4800 Wells Fargo Ctr 90 S 7th St Minneapolis, MN 55402-4129	Electronic Service	No	OFF_SL_6-1429_1
Robert S.	Carney, Jr.			4232 Colfax Ave. S. Minneapolis, MN 55409	Paper Service	No	OFF_SL_6-1429_1
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	Yes	OFF_SL_6-1429_1
Ronald	Giteck	ron.giteck@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, 1400 BRM Tower St. Paul, MN 55101	Electronic Service	No	OFF_SL_6-1429_1
Elizabeth	Goodpaster	bgoodpaster@mncenter.org	MN Center for Environmental Advocacy	Suite 206 26 East Exchange Street St. Paul, MN 551011667	Paper Service	No	OFF_SL_6-1429_1
Lloyd	Grooms	lgrooms@winthrop.com	Winthrop and Weinstine	Suite 3500 225 South Sixth Street Minneapolis, MN 554024629	Paper Service	No	OFF_SL_6-1429_1
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_6-1429_1

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Annete	Henkel	mui@mutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St. Paul, MN 55101	Paper Service	No	OFF_SL_6-1429_1
Richard	Johnson	johnsonr@moss-barnett.com	Moss & Barnett	4800 Wells Fargo Center90 South Seventh Street  Minneapolis, MN 55402	Electronic Service	No	OFF_SL_6-1429_1
Paula N.	Johnson		Interstate Power and Light Company	200 First Street SE PO Box 351 Cedar Rapids, IA 524060351	Paper Service	No	OFF_SL_6-1429_1
Nikki	Kupser	nkupser@greatermngas.com	Greater Minnesota Gas, Inc.	202 South Main Street P.O. Box 68 Le Sueur, MN 56058	Paper Service	No	OFF_SL_6-1429_1
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_6-1429_1
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E  St. Paul, MN 55106	Paper Service	No	OFF_SL_6-1429_1
Andrew	Moratzka	apm@mcmlaw.com	Mackall, Crouse and Moore	1400 AT&T Tower 901 Marquette Ave Minneapolis, MN 55402	Paper Service	No	OFF_SL_6-1429_1
Joseph V.	Plumbo		Local Union 23, I.B.E.W.	932 Payne Avenue  St. Paul, MN 55130	Paper Service	No	OFF_SL_6-1429_1
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	444 Cedar St Ste 2050  St. Paul, MN 55101	Electronic Service	No	OFF_SL_6-1429_1
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	Ste 122 9100 W Bloomington Frwy Bloomington, MN 55431	Paper Service	No	OFF_SL_6-1429_1

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James M.	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402	Paper Service	No	OFF_SL_6-1429_1
SaGonna	Thompson	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7  Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_6-1429_1
Lisa	Veith		City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Paper Service	No	OFF_SL_6-1429_1

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022191	Electronic Service	No	OFF_SL_9-1153_Official
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_9-1153_Official
Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor  Minneapolis, MN 55401	Electronic Service	No	OFF_SL_9-1153_Official
William A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Paper Service	No	OFF_SL_9-1153_Official
Michael	Bradley	bradley@moss-barnett.com	Moss & Barnett	4800 Wells Fargo Ctr 90 S 7th St Minneapolis, MN 55402-4129	Electronic Service	No	OFF_SL_9-1153_Official
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174  Lake Elmo, MN 55042	Paper Service	No	OFF_SL_9-1153_Official
Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy	414 Nicollet Mall, 7th Floor  Minneapolis, MN 55401	Electronic Service	No	OFF_SL_9-1153_Official
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500  Saint Paul, MN 551012198	Electronic Service	Yes	OFF_SL_9-1153_Official
Edward	Garvey	garveyed@aol.com		32 Lawton Street  St. Paul, MN 55102	Paper Service	No	OFF_SL_9-1153_Official
Ronald	Giteck	ron.giteck@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, 1400 BRM Tower St. Paul, MN 55101	Electronic Service	No	OFF_SL_9-1153_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Elizabeth	Goodpaster	bgoodpaster@mncenter.org	MN Center for Environmental Advocacy	Suite 206 26 East Exchange Street St. Paul, MN 551011667	Paper Service	No	OFF_SL_9-1153_Official
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Nancy	Lange	nlange@iwla.org	Izaak Walton League of America	Suite 202 1619 Dayton Avenue St. Paul, MN 55104	Paper Service	No	OFF_SL_9-1153_Official
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_9-1153_Official
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