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414 Nicollet Mall  
Minneapolis, Minnesota 55401

November 1, 2011

**—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 FOR APPROVAL OF CHANGES IN CONTRACT  
DEMAND ENTITLEMENTS  
DOCKET NO. G002/M-11-\_\_\_\_\_

Dear Dr. Haar:

Enclosed is the Petition for Approval of Changes in Contract Demand Entitlements of Northern States Power Company, a Minnesota corporation (“Xcel Energy or the “Company”), 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.

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

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

Sincerely,

/s/

AMY A. LIBERKOWSKI  
MANAGER, PRICING AND PLANNING

Enclosures

c: Service Lists

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STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Ellen Anderson	Chair
David C. Boyd	Commissioner
J. Dennis O'Brien	Commissioner
Phyllis Reha	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY,  
A MINNESOTA CORPORATION, FOR  
APPROVAL OF CHANGES IN CONTRACT  
DEMAND ENTITLEMENTS

DOCKET NO. G002/M-11-\_\_\_\_\_

**PETITION**

**INTRODUCTION**

Pursuant to Minn. Stat. § 216B.16, Subd. 7 and Minn. R. Rule 7825.2910, Subp. 2, Northern States Power Company, a Minnesota corporation (“Xcel Energy” or the “Company”), submits to the Minnesota Public Utilities Commission (“Commission”) this Petition for approval of a Change in Contract Demand Entitlements (“Petition”). Xcel Energy requests approval to implement our 2011-2012 Heating Season Supply Plan effective November 1, 2011, 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.

**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 Services Inc.  
414 Nicollet Mall — 5<sup>th</sup> Floor  
Minneapolis, Minnesota 55401  
(612) 215-4501

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

Xcel Energy is submitting this filing on November 1, 2011. The Company requests Commission approval to implement the rate impact of this filing in our purchased gas adjustment (“PGA”) effective with November 1, 2011 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 3; and sheet number 5-42, revision 2) Xcel Energy has provisionally placed the PGA changes into effect on November 1, 2011, 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**

Amy A. Liberkowski  
Manager  
Pricing and Planning

414 Nicollet Mall — 7<sup>th</sup> Floor  
Minneapolis, Minnesota 55401  
(612) 330-6613

#### **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, 2011, and respectfully request Commission approval of the revised entitlements effective on November 1, 2011. 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 2010-2011 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 (“Northern”), Viking Gas Transmission Company (“Viking”), Great Lakes Transmission Company (“Great Lakes”), ANR Pipeline Company (“ANR”), and Williston Basin Interstate Pipeline Company (“WBI”). 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.

The information provided in **Attachment 2** is in response to the October 1, 1993 letter from the OES, and outlines the changes in the Company's Energy Firm DD Requirements, daily pipeline entitlement, and pipeline billing units from the 2010-2011 entitlement levels pending Commission approval in Docket No. G002/M-10-1163.

### **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 2011-2012 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 OES recommended approval of the proposal. We reiterated the proposal in Attachment 4 in our 2008 filing (Docket No. G002/M-08-1315), which provided updates showing its effect on prices by customer class. Both filings are awaiting Commission action. We continue to support our proposal, and included as Attachment 4 is an updated proposal with current costs and the current effect on prices by customer class.

### **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

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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
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 OES 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

**Attachment 4** – Updated Information Provided in Response to Department Recommendation in Docket No. G002/M-07-1395 to Allocate some Demand Costs to Interruptible Customers

<u>Schedule</u>	<u>Title</u>
1	Calculation of Demand Costs Allocated to the Interruptible Classes
2	Derivation of Current PGA Costs
3	Bill Impact of Proposed Demand Allocation Methodology

**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, 2011. The cost change will automatically be reflected in rates

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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 Services Inc.  
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 2011-2012 Heating Season Supply Plan effective November 1, 2011, and approval to implement the retail rate impact of this filing in our PGA effective with November 1, 2011 usage. 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: November 1, 2011

Northern States Power Company,  
A Minnesota corporation

/s/

By: \_\_\_\_\_  
AMY A. LIBERKOWSKI  
MANAGER, PRICING AND PLANNING



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STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Ellen Anderson	Chair
David C. Boyd	Commissioner
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Phyllis Reha	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY,  
A MINNESOTA CORPORATION FOR  
APPROVAL OF CHANGE IN CONTRACT  
DEMAND ENTITLEMENTS

DOCKET NO. G002/M-11-\_\_\_\_\_

**SUMMARY**

**SUMMARY OF FILING**

Please take notice that on November 1, 2011, Northern States Power Company, a Minnesota corporation, 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 2011-2012 Heating Season Supply Plan effective November 1, 2011. The costs related to the entitlement changes will be provisionally reflected in retail gas rates through the Purchase Gas Adjustment effective November 1, 2011, subject to later Commission approval.

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**ATTACHMENT 1**

**Northern States Power Company,  
A Minnesota corporation**

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

**Northern States Power Company,  
A Minnesota corporation**

**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:

- Increase in DD requirements,
- 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

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

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estimated. Prior to the 2004-2005 Docket, we used a single methodology, which used a linear regression calculation.

We project our forecasted firm customer count in Minnesota state to increase by 2,461 customers (from 436,594 to 439,055) between the 2010-2011 and the 2011-2012 heating season forecasts. This projection equates to an increase in DD requirements in Minnesota state of 2,683 Dekatherms (“Dth”) (from 699,611 to 702,294) using the UPC DD method as detailed on **Attachment 1, Schedule 3, Page 1 of 2**. This increase in required firm Dth stems from the increased number of firm residential and commercial customers.

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 2006 – December 2010 data as shown on **Attachment 1, Schedule 1, Pages 2 - 4**. In all but a few regions, the regression statistics were very strong with R-squared values in excess of 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, 96 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 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 682,406 Dth. The Small and Large Demand Billed contracted customer Billing Demand of 19,888 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 702,294 Dth as shown on **Attachment 1, Schedule 3, Page 1 of 2**.

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

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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.

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 2011-2012 Heating Season Gas Resource Plan compared to the 2010-11 plan filed in Docket No. G002/M-10-1163. **Attachment 1, Schedule 2** details the demand cost component changes for the 2011-2012 heating season.

a. Change in Northern Natural Gas (“Northern”) entitlements  
(effective November 1, 2011)

Xcel Energy has made three modifications to entitlement levels on Northern since the 2010-11 plan filed in Docket No. G002/M-10-1163. First, in April 2010, Xcel Energy participated in a Northern Zone EF 2011-2012 Expansion Open Season to increase 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. This additional capacity, which expires on October 31, 2024, will increase into service as follows:

November 1, 2011 - October 31, 2012	4,359 Dth/day
November 1, 2012 - October 31, 2013	4,603 Dth/day
November 1, 2013 - October 31, 2014	4,839 Dth/day
November 1, 2014 - October 31, 2024	5,075 Dth/day

Second, Xcel Energy elected its biennial option to increase capacity by up to 5 percent at St Cloud #1, Sartell #1, and Becker #1 TBS’s (“St Cloud Area”). According to DD calculations for St Cloud Area, Xcel Energy will outgrow the daily firm entitlement on NNG needed to meet our firm customer’s requirements at DD

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temperature. Therefore to ensure adequate capacity to meet the demands of our firm customers in the St Cloud Area, Xcel Energy elected the following capacity increases effective November 1, 2011:

St Cloud #1 = 1,916 Dth/day

Sartell #1 = 884 Dth/day

Becker #1 = 2,000 Dth/day

The discount available by using these capacity elections will save Xcel Energy rate payers in excess of \$1.2 million over the term of the contract, compared to maximum tariff rates.

Lastly, Xcel Energy has a biennial option to increase capacity up to 5 percent annually at Forest Lake #1, Forest Lake #1A, Forest Lake #1B, Stacy #1, and Hugo #1A TBS's ("Hugo Area"). According to an hourly flow analysis at Stacy #1, Xcel Energy will outgrow its hourly firm entitlement on Northern needed to meet our firm customer's hourly requirements at design day temperatures. Therefore to ensure adequate hourly capacity to meet the demands of our firm customers, Xcel Energy elected the following capacity in the Hugo Area effective November 1, 2011:

Stacy #1 = 90 Dth/day

The discount available by using this capacity election will save Xcel Energy rate payers in excess of \$37,000 over the term of the contract, compared to maximum tariff rates.

- b. Change in ANR Pipeline ("ANR") entitlement (effective November 1, 2011)

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 ratchets up to from 50,000 Dth/day to 57,500 Dth/day on November 1, 2011, and 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 2009-10 plan filed in Docket No. G002/M-09-1287.

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- c. Change in Great Lakes Gas Transmission (“Great Lakes”) entitlements (effective November 1, 2011)

Xcel Energy’s backhaul contract FT-0142 with Great Lakes expired on April 30, 2011. This contract contained a discounted demand charge and allowed Xcel Energy to transport gas from Deward, which is the Great Lakes interconnect with ANR Storage in Michigan, to Carlton, which is the Great Lakes interconnect with Northern. It was determined during negotiations that the renewal of this contract was more expensive than other options available to Xcel Energy. Therefore, Xcel Energy executed two displacement supply contracts totaling 15,297 Dth/day which equates to Xcel Energy’s total ANR Storage withdrawal capability. In both displacement contracts, when called upon by Xcel Energy, Xcel Energy will provide the supplier an amount of gas at Deward out of Xcel Energy’s ANRS storage account and the supplier will provide the same volume of gas to Xcel Energy at Carlton. These displacement contracts each contain a daily demand charge. These displacement contracts will be in effect November 1, 2011 through March 31, 2012 to coincide with the ANR Storage withdrawal season.

- d. Change in Viking Gas Transmission (“Viking”) entitlements (effective November 1, 2011)

Xcel Energy’s backhaul contract AF0036 with Viking expired on October 31, 2011. This max rate contract allowed Xcel Energy to transport gas from Marshfield to Xcel Energy markets served by Viking. It was determined that Xcel Energy no longer needed this backhaul capacity since it acquired backhaul capacity as part of the Fargo lateral construction project which was described in the 2009-10 plan filed in Docket No. G002/M-09-1287.

3. *Change in Jurisdictional Allocations*

- a. Change in Minnesota Jurisdiction Allocation Factor

The DD allocation factor decreased slightly for the Minnesota state jurisdiction from 89.44 percent to 89.36 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.

- b. Elimination of the Minnesota Grand Forks Area Jurisdictional Allocation Factor

The Minnesota Grand Forks DD allocation factor has been eliminated since the resulting Viking contract AF0036 expired on October 31, 2011 and was not renewed. This allocation factor was used to allocate the costs of the incremental capacity on Viking related to a looping project completed in this area several years ago.

4. *Change in Supplier Reservation Fees*

The total change in existing supplier reservation charges is [TRADE SECRET BEGINS TRADE SECRET ENDS] Attachment 1, Schedule 2 lists the changes in Supply Entitlements. Our producer demand expense is attributable to the acquisition of two Emerson peaking supply contracts and two Great Lakes supply displacements contracts that were executed in lieu of acquiring additional Great Lakes firm backhaul transportation service.

**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 decrease our capacity reserve margin from 6.3 percent in November 2010 to 6.1 percent 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 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



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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 2011-2012 heating season DD reserve margin for Minnesota state is 42,800 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, a Minnesota corporation  
**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**  
2011-2012 Heating Season

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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 2012 Firm Res & Comm Customers (2)	by Small & Large Demand Billed (3a)	Comm'l Customers (3b)							
METRO	308,910	76	11,379	0.0289295	91	1.3819142	1.009	491,955	503,334	
BRAINERD	15,088	3	352	0.0177155	91	1.3597145	1.009	18,106	18,458	
MAINLINE	15,058	10	2,435	0.0303579	88	1.4865781	1.009	23,383	25,818	
MAINLINE-WELCOME	2,181	0	0	0.0159612	88	0.9806902	1.009	2,544	2,544	
WILLMAR	10,002	1	110	0.0168316	88	1.0393920	1.009	12,247	12,356	
PAYNESVILLE	40,754	18	2,315	0.0339803	94	1.2761401	1.009	67,671	69,986	
VGT-CHISAGO	3,123	0	0	0.0127779	91	1.2420459	1.009	3,598	3,598	
WATKINS	7,103	1	252	0.0149143	94	1.3027837	1.009	8,538	8,790	
TOMAH	15,278	9	1,219	0.0308384	88	0.6150446	1.009	23,123	24,342	
RED WING	7,465	6	848	0.0290650	88	1.2938525	1.009	11,403	12,251	
GRAND FORKS MN	2,860	1	63	0.0270940	98	0.5457566	1.009	4,293	4,357	
FARGO MN	11,106	2	916	0.0269340	98	0.4343802	1.009	15,545	16,461	
<b>MN State</b>	<b>438,929</b>	<b>126</b>	<b>19,888</b>					<b>682,406</b>	<b>702,294</b>	<b>89.36%</b>
GRAND FORKS ND	14,385	0	0	0.0151343	98	1.7502846	1.009	25,541	25,541	
FARGO ND	32,397	0	0	0.0148428	98	1.9323377	1.009	56,680	56,680	
WBI ND	973	0	0	0.0124369	98	0.2928162	1.009	1,377	1,377	
<b>ND State</b>	<b>47,754</b>	<b>0</b>	<b>0</b>					<b>83,598</b>	<b>83,598</b>	<b>10.64%</b>
<b>TOTAL</b>	<b>486,683</b>	<b>126</b>	<b>19,888</b>					<b>766,004</b>	<b>785,892</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 58 months Mar. 2005 to Dec. 2009
- (5) Degree Days for a Design Day in that region.
- (6) Monthly base usage determined by linear regression based on using the same 58 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, a Minnesota corporation  
**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**  
2011-2012 Heating Season

Division/Region (1)	Projected Firm Jan 2012 Cust (2)	Load Variation (Dth/Deg) (3) X Variable 1	DD/ Design Day (4)	Monthly Base Use (Dth) Intercept (5)	R-Square	Lost & Unacc. Factor (6)	Design Day (Dth) 2012				2011 Design Day	Mcf Difference % Diff.	Gross-up to Peak Day Method	Peak Day Method Totals
							Unacc. Volume	Load Variation	Day Base	Total				
<b>METRO</b>														
Total Residential	287,586	0.0105128	91	1.2778814	0.9859	0.0090	2,585	275,123	12,089	<b>289,796</b>	289,937	(141)	41,191	<b>330,988</b>
Total Small Commercial	15,985	0.0360863	91	3.3858545	0.9740	0.0090	488	52,493	1,780	<b>54,761</b>	134,711	(79,949)	7,784	<b>62,545</b>
Total Large Commercial	5,338	0.1654801	91	28.5564161	0.9788	0.0090	769	80,390	5,015	<b>86,173</b>	0	86,173	12,249	<b>98,422</b>
Industrial	76	Contract Demand	-	-	-	-	-	-	-	<b>11,379</b>	12,466	(1,087)	-	<b>11,379</b>
	308,985	0.0289295		1.381914156			3,842	408,005	18,884	<b>442,110</b>	437,114	4,996 1.1%	61,224	<b>503,334</b>
<b>BRAINERD</b>														
Total Residential	13,886	0.0090961	91	1.0201867	0.9831	0.0090	108	11,494	466	<b>12,068</b>	11,757	311	1,715	<b>13,783</b>
Total Small Commercial	1,087	0.0235924	91	5.6863947	0.9261	0.0090	23	2,333	203	<b>2,559</b>	3,563	(1,003)	364	<b>2,923</b>
Total Large Commercial	115	0.0946542	91	58.3672252	0.8488	0.0090	11	993	221	<b>1,226</b>	0	1,226	174	<b>1,400</b>
Industrial	3	Contract Demand	-	-	-	-	-	-	-	<b>352</b>	348	3	-	<b>352</b>
	15,091	0.0177155		1.359714502			141	14,821	891	<b>16,204</b>	15,668	536 3.4%	2,253	<b>18,458</b>
<b>MAINLINE</b>														
Total Residential	13,613	0.0098056	88	1.2952735	0.9760	0.0090	111	11,746	580	<b>12,437</b>	12,168	269	1,768	<b>14,205</b>
Total Small Commercial	1,156	0.0295278	88	3.8405936	0.9390	0.0090	28	3,003	146	<b>3,177</b>	7,551	(4,374)	452	<b>3,629</b>
Total Large Commercial	290	0.1743461	88	38.9531710	0.9261	0.0090	43	4,444	371	<b>4,858</b>	0	4,858	691	<b>5,549</b>
Industrial	10	Contract Demand	-	-	-	-	-	-	-	<b>2,435</b>	2,435	0	-	<b>2,435</b>
	15,068	0.0303579		1.486578134			183	19,193	1,097	<b>22,908</b>	22,154	754 3.4%	2,910	<b>25,818</b>
<b>MAINLINE-WELCOME</b>														
Total Residential	2,053	0.0094967	88	0.8219315	0.9757	0.0090	16	1,715	55	<b>1,787</b>	1,788	(1)	254	<b>2,041</b>
Total Small Commercial	116	0.0173278	88	2.9082039	0.6458	0.0090	2	176	11	<b>189</b>	398	(209)	27	<b>216</b>
Total Large Commercial	13	0.1770451	88	102.8853688	0.6088	0.0090	2	205	44	<b>252</b>	0	252	36	<b>287</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	-	-	-	-	-
	2,181	0.0159612		0.980690221			20	2,096	111	<b>2,227</b>	2,185	42 1.9%	317	<b>2,544</b>
<b>WILLMAR</b>														
Total Residential	9,254	0.0093261	88	0.8860465	0.9851	0.0090	71	7,595	270	<b>7,935</b>	7,762	174	1,128	<b>9,063</b>
Total Small Commercial	688	0.0328295	88	3.0660227	0.9558	0.0090	19	1,988	69	<b>2,076</b>	2,538	(462)	295	<b>2,371</b>
Total Large Commercial	59	0.1245454	88	27.9033681	0.8122	0.0090	6	650	54	<b>711</b>	0	711	101	<b>812</b>
Industrial	1	Contract Demand	-	-	-	-	-	-	-	<b>110</b>	90	20	-	<b>110</b>
	10,003	0.0168316		1.03939202			96	10,233	394	<b>10,832</b>	10,390	443 4.3%	1,524	<b>12,356</b>
<b>PAYNESVILLE</b>														
Total Residential	36,175	0.0092063	94	1.0216604	0.9867	0.0090	293	31,306	1,216	<b>32,814</b>	32,568	246	4,664	<b>37,478</b>
Total Small Commercial	3,652	0.0343482	94	3.8654528	0.9804	0.0090	110	11,792	464	<b>12,366</b>	24,901	(12,535)	1,758	<b>14,124</b>
Total Large Commercial	927	0.1501676	94	28.2334803	0.9746	0.0090	125	13,083	861	<b>14,069</b>	0	14,069	2,000	<b>16,069</b>
Industrial	18	Contract Demand	-	-	-	-	-	-	-	<b>2,315</b>	2,300	15	-	<b>2,315</b>
	40,772	0.0339803		1.276140078			528	56,180	2,541	<b>61,565</b>	59,770	1,795 3.0%	8,422	<b>69,986</b>
<b>VGT-CHISAGO</b>														
Total Residential	2,949	0.0087615	91	1.1818517	0.9835	0.0090	22	2,351	115	<b>2,488</b>	2,372	116	354	<b>2,842</b>
Total Small Commercial	167	0.0381608	91	2.3291005	0.9311	0.0090	5	579	13	<b>597</b>	562	35	85	<b>681</b>
Total Large Commercial	8	0.0945274	91	(1.7555497)	0.6893	0.0090	1	66	(0)	<b>66</b>	0	66	9	<b>75</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	-	-	-	-	-
	3,123	0.0127779		1.24204593			28	2,995	127	<b>3,150</b>	2,933	217 7.4%	448	<b>3,598</b>
<b>WATKINS</b>														
Total Residential	6,830	0.0087814	94	1.1772275	0.9832	0.0090	53	5,638	265	<b>5,956</b>	5,870	85	847	<b>6,802</b>
Total Small Commercial	235	0.0382319	94	4.6152983	0.8941	0.0090	8	846	36	<b>890</b>	1,365	(475)	126	<b>1,016</b>
Total Large Commercial	37	0.1488941	94	90.0683907	0.7321	0.0090	6	515	109	<b>630</b>	0	630	90	<b>719</b>
Industrial	1	Contract Demand	-	-	-	-	-	-	-	<b>252</b>	252	-	-	<b>252</b>
	7,104	0.0149143		1.302783696			67	7,000	409	<b>7,727</b>	7,487	240 3.2%	1,063	<b>8,790</b>
<b>TOMAH</b>														
Total Residential	13,696	0.0099002	88	0.4824331	0.9808	0.0090	109	11,932	217	<b>12,259</b>	12,247	12	1,742	<b>14,001</b>
Total Small Commercial	1,281	0.0268827	88	1.9310894	0.9526	0.0090	28	3,031	81	<b>3,140</b>	7,527	(4,387)	446	<b>3,586</b>
Total Large Commercial	301	0.1737288	88	19.9363405	0.9635	0.0090	43	4,605	198	<b>4,846</b>	0	4,846	689	<b>5,535</b>
Industrial	9	Contract Demand	-	-	-	-	-	-	-	<b>1,219</b>	1,440	(221)	-	<b>1,219</b>
	15,287	0.0308384		0.61504465			181	19,568	496	<b>21,464</b>	21,215	250 1.2%	2,878	<b>24,342</b>
<b>RED WING</b>														
Total Residential	6,749	0.0095519	88	1.0232318	0.9815	0.0090	53	5,673	227	<b>5,954</b>	5,888	65	846	<b>6,800</b>
Total Small Commercial	580	0.0283031	88	4.4818957	0.8680	0.0090	14	1,444	85	<b>1,544</b>	3,349	(1,806)	219	<b>1,763</b>
Total Large Commercial	136	0.1963054	88	25.4037467	0.9225	0.0090	22	2,351	114	<b>2,487</b>	0	2,487	353	<b>2,840</b>
Industrial	6	Contract Demand	-	-	-	-	-	-	-	<b>848</b>	848	-	-	<b>848</b>
	7,471	0.0290650		1.293852452			89	9,468	426	<b>10,831</b>	10,085	746 7.4%	1,419	<b>12,251</b>
<b>GRAND FORKS MN</b>														
Total Residential	2,563	0.0089330	98	0.2563968	0.9788	0.0090	20	2,244	22	<b>2,286</b>	2,275	11	325	<b>2,611</b>
Total Small Commercial	252	0.0374010	98	3.3531269	0.9501	0.0090	9	922	28	<b>958</b>	1,444	(486)	136	<b>1,095</b>
Total Large Commercial	45	0.1103413	98	14.8860088	0.9424	0.0090	5	488	22	<b>514</b>	0	514	73	<b>587</b>
Industrial	1	Contract Demand	-	-	-	-	-	-	-	<b>63</b>	63	-	-	<b>63</b>
	2,861	0.0270940		0.545756575			34	3,654	71	<b>3,822</b>	3,782	40 1.1%	534	<b>4,357</b>
<b>FARGO MN</b>														
Total Residential	10,016	0.0080474	98	0.1908510	0.9739	0.0090	72	7,899	63	<b>8,034</b>	7,879	154	1,142	<b>9,176</b>
Total Small Commercial	898	0.0300306	98	3.0065523	0.9523	0.0090	25	2,643	89	<b>2,757</b>	5,256	(2,499)	392	<b>3,148</b>
Total Large Commercial	191	0.1416922	98	21.6786118	0.9617	0.0090	25	2,659	137	<b>2,820</b>	0	2,820	401	<b>3,221</b>
Industrial	2	Contract Demand	-	-	-	-	-	-	-	<b>916</b>	909	7	-	<b>916</b>
	11,108	0.0269340		0.434380223			121	13,201	288	<b>14,527</b>	14,045	482 3.4%	1,935	<b>16,461</b>
<b>MN COMPANY</b>														
Total Residential	405,372									<b>393,814</b>	<b>392,512</b>	<b>1,302</b>	<b>55,976</b>	<b>449,791</b>
Total Small Commercial	26,096									<b>85,014</b>	<b>193,165</b>	<b>-108,150</b>	<b>12,084</b>	<b>97,098</b>
Total Large Commercial	7,461									<b>118,652</b>	<b>0</b>	<b>118,652</b>	<b>16,865</b>	<b>135,517</b>
Contract Demand	126									<b>19,888</b>	<b>21,151</b>	<b>-1,263</b>	<b>0</b>	<b>19,888</b>
	<b>439,055</b>									<b>617,369</b>	<b>606,828</b>	<b>10,541</b>	<b>84,925</b>	<b>702,294</b>
												<b>1.7%</b>		

Division/Region (1)	Projected Firm Jan 2012 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) 2011				2010 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	12,469	0.0085336	98	0.4793225	0.9840	0.0090	96	10,427	197	<b>10,720</b>	10,828	(109)	1,524	<b>12,243</b>
Total Small Commercial	1,916	0.0580886	98	10.0211038	0.9810	0.0090	104	10,907	632	<b>11,643</b>	11,264	379	1,655	<b>13,298</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	<b>-</b>	-	-	-	<b>-</b>
	14,385	0.0151343		1.750284615			199	21,335	828	<b>22,362</b>	22,092	270 1.2%	3,179	<b>25,541</b>
<b>FARGO, ND</b>														
Total Residential	27,471	0.0082133	98	0.5225972	0.9800	0.0090	203	22,112	472	<b>22,787</b>	22,352	435	3,239	<b>26,026</b>
Total Small Commercial	4,926	0.0518131	98	9.7940279	0.9828	0.0090	239	25,013	1,587	<b>26,839</b>	25,713	1,126	3,815	<b>30,654</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	<b>-</b>	-	-	-	<b>-</b>
	32,397	0.0148428		1.932337696			443	47,124	2,059	<b>49,626</b>	48,065	1,561 3.2%	7,054	<b>56,680</b>
<b>WBLND</b>														
Total Residential	836	0.0086710	98	0.3999261	0.9495	0.0090	6	710	11	<b>728</b>	721	7	103	<b>831</b>
Total Small Commercial	137	0.0354113	98	(0.3606203)	0.8963	0.0090	4	475	(2)	<b>478</b>	438	40	68	<b>546</b>
Total Large Commercial	-	-	98	-	0.0000	0.0090	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Industrial	-	Contract Demand	-	-	-	-	-	-	-	<b>-</b>	-	-	-	<b>-</b>
	973	0.0124369		0.292816246			11	1,185	9	<b>1,205</b>	1,159	47 4.0%	171	<b>1,377</b>
<b>ND COMPANY</b>														
Total Residential	40,775									<b>34,234</b>	33,901	333	4,866	<b>39,100</b>
Total Small Commercial	6,979									<b>38,960</b>	37,414	1,545	5,538	<b>44,498</b>
Total Large Commercial	0									<b>0</b>	0	0	0	<b>0</b>
Contract Demand	0									<b>-</b>	-	-	-	<b>-</b>
	47,754									<b>73,194</b>	71,316	1,879 2.6%	10,404	<b>83,598</b>
<b>Grand Total</b>														
Total Residential	446,147									<b>428,049</b>	426,413	1,635	60,842	<b>488,891</b>
Total Small Commercial	33,075									<b>123,974</b>	230,579	(106,605)	17,622	<b>141,596</b>
Total Large Commercial	7,461									<b>118,652</b>	-	118,652	16,865	<b>135,517</b>
Contract Demand	126									<b>19,888</b>	21,151	(1,263)	-	<b>19,888</b>
	486,809									<b>690,563</b>	678,143	12,419 1.8%	95,329	<b>785,892</b>

Northern States Power Company, a Minnesota corporation

**DERIVATION OF MINNESOTA JURISDICTION ALLOCATION FACTOR**

2011-2012 Heating Season

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

Area	2012 FORECAST	2011 FORECAST	Difference	%Diff
METRO	308,910	308,241	668	0.2%
BRAINERD	15,088	14,635	454	3.1%
MAINLINE	15,058	14,827	232	1.6%
MAINLINE-WELCOME	2,181	2,203	(22)	-1.0%
WILLMAR	10,002	9,795	207	2.1%
PAYNESVILLE	40,754	40,403	351	0.9%
VGT-CHISAGO	3,123	2,974	149	5.0%
WATKINS	7,103	7,015	88	1.3%
TOMAH	15,278	15,212	67	0.4%
RED WING	7,465	7,450	15	0.2%
GRAND FORKS MN	2,860	2,839	21	0.8%
FARGO MN	11,106	10,875	231	2.1%
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MN STATE	438,929	436,468	2,461	0.6%
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GRAND FORKS ND	14,385	14,444	(59)	-0.4%
FARGO ND	32,397	31,682	715	2.3%
WBI ND	973	956	17	1.7%
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ND STATE	47,754	47,082	672	1.4%
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<b>TOTAL NSP MN</b>	<b>486,683</b>	<b>483,550</b>	<b>3,133</b>	<b>0.6%</b>

**2012 Customer #s**

	MN	ND	
Res	405,372	40,775	446,147
Sm Com	26,096	6,979	33,075
Lg Com	7,461	0	7,461
Ind	126	0	126
	<hr/>	<hr/>	<hr/>
	439,055	47,754	486,809

**2012 Design Day Use By Customer Class**

	MN	ND	
Res	449,791	39,100	488,891
Sm Com	97,098	44,498	141,596
Lg Com	135,517	0	135,517
Ind	19,888	0	19,888
	<hr/>	<hr/>	<hr/>
	702,294	83,598	785,892

**DESIGN DAY MMBTU DEMAND BY AREA**

Area	2012 FORECAST	2011 FORECAST	Difference	%Diff
METRO	503,334	504,386	(1,052)	-0.2%
BRAINERD	18,458	18,095	363	2.0%
MAINLINE	25,818	25,278	540	2.1%
MAINLINE-WELCOME	2,544	2,532	12	0.5%
WILLMAR	12,356	12,021	335	2.8%
PAYNESVILLE	69,986	68,874	1,112	1.6%
VGT-CHISAGO	3,598	3,398	200	5.9%
WATKINS	8,790	8,634	156	1.8%
TOMAH	24,342	24,347	(5)	0.0%
RED WING	12,251	11,549	702	6.1%
GRAND FORKS MN	4,357	4,371	(15)	-0.3%
FARGO MN	16,461	16,125	336	2.1%
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MN STATE	702,294	699,611	2,683	0.4%
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GRAND FORKS ND	25,541	25,592	(51)	-0.2%
FARGO ND	56,680	55,679	1,001	1.8%
WBI ND	1,377	1,342	35	2.6%
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ND STATE	83,598	82,613	985	1.2%
<hr/>				
<b>TOTAL NSP MN</b>	<b>785,892</b>	<b>782,224</b>	<b>3,668</b>	<b>0.5%</b>

**MN / ND Allocation Factors**

2012 DD	2011 DD	
0.8936	0.8944	MN State Allocation
0.1064	0.1056	ND State Allocation

**NNG SYSTEM**

Area	2012 FORECAST	2011 FORECAST	Difference	%Diff
METRO	503,334	504,386	(1,052)	-0.2%
BRAINERD	18,458	18,095	363	2.0%
MAINLINE	25,818	25,278	540	2.1%
MAINLINE-WELCOME	2,544	2,532	12	0.5%
WILLMAR	12,356	12,021	335	2.8%
PAYNESVILLE	69,986	68,874	1,112	1.6%
WATKINS	8,790	8,634	156	1.8%
TOMAH	24,342	24,347	(5)	0.0%
RED WING	12,251	11,549	702	6.1%
<hr/>				
NNG SUBTOTAL	677,878	675,716	2,162	0.3%

**VGT SYSTEM**

VGT-CHISAGO	3,598	3,398	200	5.9%
GRAND FORKS MN	4,357	4,371	(15)	-0.3%
FARGO MN	16,461	16,125	336	2.1%
GRAND FORKS ND	25,541	25,592	(51)	-0.2%
FARGO ND	56,680	55,679	1,001	1.8%
WBI ND	1,377	1,342	35	2.6%
<hr/>				
VGT SUBTOTAL	108,014	106,508	1,506	1.4%
<hr/>				
VGT & NNG Total	785,892	782,224	3,668	0.5%

**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 TF12B (Jan - Dec) <sup>1</sup>	(3,974)	\$ 3.8152	12	\$ (181,939.26)
NNG TF12V (Jan - Dec) <sup>1</sup>	3,974	\$ 3.8000	12	\$ 181,214.40
NNG TFX (Nov - Mar) <sup>2</sup>	4,359	\$ 15.1530	5	\$ 330,259.64
NNG TFX (Apr - Oct) <sup>2</sup>	4,359	\$ 5.6830	7	\$ 173,405.38
NNG TFX Disc (Jan - Dec) <sup>3</sup>	4,800	\$ 8.6272	5	\$ 207,052.80
NNG TFX Disc (Jan - Dec) <sup>3</sup>	4,800	\$ 4.0000	7	\$ 134,400.00
NNG TFX Disc (Nov - Mar) <sup>3</sup>	90	\$ 3.8000	5	\$ 1,710.00
NNG TFX Disc (Apr - Jun, Sep - Oct) <sup>3</sup>	90	\$ 3.8000	5	\$ 1,710.00
NNG TFX Disc (Jul - Aug) <sup>3</sup>	90	\$ 3.8000	2	\$ 684.00
VGT FTA (Jan - Dec) <sup>4</sup>	(5,000)	\$ 4.5871	12	\$ (275,226.00)
VGT FTA (Nov - Mar) <sup>4</sup>	(16,105)	\$ 4.5871	5	\$ (369,376.23)
ANR FTS (Jan - Dec) <sup>5</sup>	7,500	\$ 5.3626	12	\$ 482,630.40
ANR FTS (Jan - Dec) <sup>6</sup>	5	\$ 4.1800	12	\$ 250.80
ANR FSS (Jan - Dec) <sup>7</sup>	32	\$ 2.0400	12	\$ 783.36
GLGT FT (Nov - Apr) <sup>8</sup>	(15,195)	\$ 2.9480	6	\$ (268,769.16)
Total				\$ 418,790.13

[TRADE SECRET BEGINS]

**Supplier Entitlement Changes**

Change in Supplier Reservation Fees

VGT - United Energy	15,000
GLT - J Aron	7,649
GLT - Macquarie	7,648
VGT - BP Canada	(10,000)
VGT - United Energy	(5,000)
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, Second Revised Sheet No. 50, Effective April 1, 2011

<sup>2</sup>NNG Sixth Revised Volume No. 1, Second Revised Sheet No. 51, Effective April 1, 2011

<sup>3</sup>NNG Discount rates are contained in the respective contracts

<sup>4</sup>VGT Volume No. 1, Part 5.0 Statement of Rates, v. 3.0.0, Effective April 1, 2011

<sup>5</sup>Negotiated rate

<sup>6</sup>ANR Third Revised Volume No. 1, Part 4.3 - Statement of Rates, v. 0.0.0, Effective September 30, 2011

<sup>7</sup>ANR Third Revised Volume No. 1, Part 4.9 - Statement of Rates, v. 0.0.0, Effective September 30, 2011

<sup>8</sup>GLGT Discount rates are contained in the respective contracts

Northern States Power Company, a Minnesota corporation  
**SUMMARY OF DESIGN DAY DEMAND BY CUSTOMER CLASS**  
 Design Day: Heating Season 2011-2012

Docket No. G002/M-11-\_\_\_  
 Attachment 1  
 Schedule 3  
 Page 1 of 2

**DESIGN DAY CALCULATION**

	Jan-2012 Budget Customer	2012 MMBtu Design Day <sup>1</sup>	2011 MMBtu Design Day <sup>1</sup>	MMBtu Change
<u>State of Minnesota</u>				
Residential	405,372	449,791	454,694	(4,903)
Commercial	33,557	232,615	223,766	8,849
Demand Billed	126	19,888	21,151	(1,263)
<b>State of Minnesota Total</b>	<b>439,055</b>	<b>702,294</b>	<b>699,611</b>	<b>2,683</b>
State of North Dakota Total	47,754	83,598	82,613	985
Total Xcel Energy - Gas Utility Operations	<u>486,809</u>	<u>785,892</u>	<u>782,224</u>	<u>3,668</u>

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

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

	Jan-2012 Budget Customer	Jan-2011 Budget Customer	Change
<u>Minnesota Company</u>			
Residential	446,147	443,542	2,605
Commercial	40,536	40,008	528
TOTAL	486,683	483,550	3,133
Peak Day Use/Cust <sup>2</sup>	<u>1.57393</u>	<u>1.57393</u>	
Peak Day Res. & Comm. MMBtus	766,004	761,073	
Demand Billed Customers	126	126	
Contracted Billing Demand of Demand Billed Customers	19,888	21,151	
Projected Design Day (Dth)	<u>785,892</u>	<u>782,224</u>	<u>3,668</u>

<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-2012 Budget	Jan-2011 Budget
Reserve Margin	47,919	49,374
Total Available Capacity	833,811	831,598
Entitlement per Customer	<u>1.7128</u>	<u>1.7193</u>

Northern States Power Company, a Minnesota corporation  
**DERIVATION OF ACTUAL PEAK DAY USE PER CUSTOMER**  
Design Day: Heating Season 2011-2012

<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, a Minnesota corporation  
**MINNESOTA STATE HISTORICAL SALES - SEASONAL USAGE**  
 (Dth)

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 Attachment 1  
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**Customer Class**

	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011	Total	Winter	Summer
Residential	705,386	650,091	713,590	974,064	2,166,885	5,275,078	7,189,149	6,268,650	5,853,997	3,360,355	2,302,536	1,026,209	36,485,988	26,753,759	9,732,229
Interdepartmental	43	8	17	146	420	1,531	2,197	1,779	1,911	1,327	977	306	10,661	7,838	2,823
Small Commercial Firm	144,738	130,737	151,610	192,791	403,177	1,039,642	1,536,968	1,320,242	1,262,089	715,087	457,983	227,154	7,582,219	5,562,118	2,020,101
<u>Large Commercial Firm</u>	<u>259,926</u>	<u>239,820</u>	<u>257,102</u>	<u>356,521</u>	<u>670,553</u>	<u>1,528,138</u>	<u>2,204,431</u>	<u>1,860,735</u>	<u>1,849,766</u>	<u>1,143,101</u>	<u>774,179</u>	<u>398,846</u>	<u>11,543,117</u>	<u>8,113,622</u>	<u>3,429,495</u>
Commercial Firm	404,707	370,565	408,729	549,457	1,074,150	2,569,311	3,743,597	3,182,755	3,113,765	1,859,515	1,233,138	626,307	19,135,996	13,683,578	5,452,419
Small Commercial Demand Billed	11,038	11,062	10,835	11,483	12,350	16,893	17,670	14,757	20,233	13,805	11,762	12,062	163,950	81,903	82,047
Large Commercial Demand Billed	130,411	121,977	120,930	137,641	142,861	226,956	271,426	341,185	283,185	244,833	182,024	152,421	2,355,849	1,265,613	1,090,237
<u>Large Demand Billed - Generation</u>	<u>1,475</u>	<u>1,189</u>	<u>1,060</u>	<u>1,611</u>	<u>1,035</u>	<u>1,296</u>	<u>482</u>	<u>2,016</u>	<u>1,641</u>	<u>1,213</u>	<u>1,506</u>	<u>1,064</u>	<u>15,589</u>	<u>6,471</u>	<u>9,118</u>
Commercial Demand Billed	142,924	134,229	132,825	150,735	156,245	245,145	289,578	357,958	305,060	259,851	195,292	165,547	2,535,388	1,353,986	1,181,402
Total Commercial Firm	547,631	504,794	541,554	700,192	1,230,395	2,814,456	4,033,175	3,540,713	3,418,825	2,119,366	1,428,430	791,854	21,671,384	15,037,563	6,633,821
Total Firm	1,253,017	1,154,885	1,255,144	1,674,256	3,397,280	8,089,534	11,222,324	9,809,363	9,272,822	5,479,721	3,730,966	1,818,063	58,157,373	41,791,322	16,366,050
Small Interruptible	75,450	73,253	77,381	100,985	181,744	381,037	595,445	454,545	551,963	309,158	244,852	119,653	3,165,464	2,164,733	1,000,731
Medium Interruptible	510,275	396,454	411,471	491,164	590,260	839,518	974,589	901,465	876,336	815,527	558,881	408,845	7,774,784	4,182,169	3,592,615
Large Interruptible	132,119	107,049	129,745	108,202	86,657	201,573	351,015	319,670	273,901	269,925	236,190	146,867	2,362,911	1,232,815	1,130,096
<u>Med. &amp; Lg. Interruptible - Generation</u>	<u>194,645</u>	<u>268,337</u>	<u>65,824</u>	<u>9,853</u>	<u>11,668</u>	<u>2,085</u>	<u>9,553</u>	<u>10,511</u>	<u>1,617</u>	<u>13,860</u>	<u>4,966</u>	<u>994</u>	<u>593,913</u>	<u>35,435</u>	<u>558,478</u>
Total Interruptible	912,490	845,093	684,420	710,204	870,329	1,424,213	1,930,601	1,686,192	1,703,817	1,408,469	1,044,888	676,358	13,897,072	7,615,151	6,281,921
Total Firm and Interruptible	2,165,506	1,999,977	1,939,564	2,384,460	4,267,609	9,513,747	13,152,925	11,495,555	10,976,638	6,888,190	4,775,854	2,494,421	72,054,444	49,406,473	22,647,971
Firm Transportation	17,423	18,132	17,774	19,654	20,689	28,088	28,396	24,836	21,751	24,550	20,444	20,204	261,941	123,760	138,181
Interruptible Transportation	246,377	230,375	224,733	244,832	259,047	293,419	286,948	233,518	271,604	250,552	258,634	227,909	3,027,948	1,344,536	1,683,412
Negotiated Transportation	411,467	475,984	443,947	517,278	556,447	628,841	543,021	513,961	564,921	369,936	471,544	451,272	5,948,619	2,807,191	3,141,428
<u>Interdepartmental Transport - Generation</u>	<u>1,505,389</u>	<u>1,656,634</u>	<u>415,100</u>	<u>696,780</u>	<u>134,109</u>	<u>513,537</u>	<u>791,640</u>	<u>630,943</u>	<u>589,144</u>	<u>395,823</u>	<u>79,207</u>	<u>429,836</u>	<u>7,838,142</u>	<u>2,659,373</u>	<u>5,178,769</u>
Total Transportation	2,180,656	2,381,125	1,101,554	1,478,544	970,292	1,463,885	1,650,005	1,403,258	1,447,420	1,040,861	829,829	1,129,221	17,076,650	6,934,860	10,141,790
<b>Total Customer Sales</b>	<b>4,346,163</b>	<b>4,381,102</b>	<b>3,041,118</b>	<b>3,863,004</b>	<b>5,237,900</b>	<b>10,977,632</b>	<b>14,802,930</b>	<b>12,898,813</b>	<b>12,424,058</b>	<b>7,929,050</b>	<b>5,605,683</b>	<b>3,623,642</b>	<b>89,131,094</b>	<b>56,341,333</b>	<b>32,789,761</b>
Monthly Heating Degree Days	0	0	156	372	890	1,480	1,633	1,289	1,092	565	229	32	7,738	6,384	1,354

Northern States Power Company, a Minnesota corporation

**FIRM SUPPLY ENTITLEMENTS**

**AMENDED FROM 2010 CD FILING<sup>1</sup>**

	<b>Current Quantity Effective 11/1/2010 Dth/Day</b>	<b>Proposed Quantity Effective 11/1/2011 Dth/Day</b>	<b>Proposed Quantity Change 11/1/2011 Dth/Day</b>
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A. Upstream Supply

	<b>[TRADE SECRET BEGINS</b>		
ANR Firm 3rd Party (2)	[REDACTED]		
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	[REDACTED]		
NNG Firm 3rd Party			
NNG FDD Storage			<b>TRADE SECRET ENDS]</b>
LP Peak Shaving	90,000	90,000	-
LNG Peak Shaving	156,000	156,000	-
TOTAL	246,000	246,000	-

C. Minnesota State Delivered Supply

State of MN Allocators	89.44%	89.36%	
TOTAL	220,022	219,826	(197)

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

1. Please note that **[TRADE SECRET BEGINS**      **TRADE SECRET ENDS]** was inadvertently included on the VGT 3rd Party line instead of the ANR Firm 3rd Party line in the 2010 filing. This error does not impact the total delivered supply.

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**Attachment 2**

**Page 1 of 2**

**ATTACHMENT 2**

**Northern States Power Company,  
A Minnesota corporation**

**Proposal for Entitlement Changes**

**Information provided in response to the Office of Energy  
Security letter dated October 1, 1993**

**PROPOSAL FOR ENTITLEMENT CHANGE  
OES 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> -1	Number of Firm Customers <sup>2</sup> -2	Design Day Requirement (Dth) -3	Total Entitlement plus Storage plus Peak Shaving <sup>3</sup> (Dth) -4	Peak Day Sendout (Dth) -5	Heating Degree Days -6	Actual Peak Day
Proposed: 2011/2012	439,055	702,294	219,826	Unknown	Unknown	Unknown
2010/2011	436,594	699,611	220,022	675,577	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.

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

See Attachment 1, Schedule 3.

4 Demand Profile:

See Attachment 2, Schedule 1.

5 Rate Impact:

See Attachment 2, Schedule 2.

Northern States Power Company, a Minnesota corporation  
**COMPANY DEMAND PROFILE**  
 2011-2012 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		12.49%
112183	NNG TF12 VARIABLE (Max)	0	0	0	10 yrs - 10/31/17		0.00%
112182	NNG TF12 BASE (Disc)	15,911	(3,974)	11,937	10 yrs - 10/31/17		1.43%
112182	NNG TF12 VARIABLE (Disc.)	78,616	3,974	82,590	10 yrs - 10/31/17		9.91%
112183	NNG TF5 (Max)	62,415	0	62,415	10 yrs - 10/31/17		7.49%
112182	NNG TF5 (Disc.)	29,599	0	29,599	10 yrs - 10/31/17		3.55%
111739	NNG TFX (Nov-Mar)	28,500	0	28,500	3 yrs - 3/31/12		3.42%
112185	NNG TFX (Disc. Nov-Mar)	56,016	90	56,106	10 yrs - 10/31/17	Capacity acquisition	6.73%
112185	NNG TFX (Disc. 12-month)	21,680	0	21,680	10 yrs - 10/31/17		2.60%
112185	NNG TFX 5 (Disc)	4,325	90	4,415	10 yrs - 10/31/17	Capacity acquisition	Summer Only
112185	NNG TFX 2 (Disc)	0	90	90	10 yrs - 10/31/17	Capacity acquisition	Summer Only
112186	NNG TFX (Max)	46,855	0	46,855	10 yrs - 10/31/17		5.62%
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		3.00%
122067	NNG TFX (Disc. Nov-Mar)	0	4,800	4,800	10 yrs - 10/31/17	Capacity acquisition	0.58%
122067	NNG TFX 7 (Disc)	0	4,800	4,800	10 yrs - 10/31/17	Capacity acquisition	Summer Only
122068	NNG TFX (Nov-Mar)	0	4,359	4,359	10 yrs - 10/31/24	Capacity acquisition	0.52%
122068	NNG TFX 7 (Max)	0	4,359	4,359	10 yrs - 10/31/24	Capacity acquisition	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		3.48%
AF0044	VGT FT-A (Nov-Mar)	4,239	0	4,239	5 yrs - 10/31/13		0.51%
AF0036	VGT FT-A 12 Mos.	5,000	(5,000)	0	15 yrs - 10/31/11		0.00%
AF0036	VGT FT-A (Nov-Mar)	16,105	(16,105)	0	15 yrs - 10/31/11		0.00%
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		1.20%
AF0037	VGT FT-A 12 Mos.	15,600	0	15,600	3 yrs - 5/31/12		1.87%
AF0116	VGT FT-A 12 Mos.	1,903	0	1,903	5 yrs - 5/31/11		0.23%
AF0156	VGT FT-A 12 Mos.	72,213	0	72,213	8 yrs - 10/31/17		8.66%

**TRADE SECRET ENDS]**

WBI X-13	8,000	0	8,000	20 yrs - 10/31/12			0.96%
WBI FT-1	461	0	461	20 yrs - 07/01/13			0.06%
City Gate Deliveries	34,000	0	34,000	10 yrs - 10/31/17			4.08%
LP Peak Shaving	90,000	0	90,000				10.79%
LNG Peak Shaving	156,000	0	156,000				18.71%

**Total Design Day Capacity** 831,598 833,811 100%

Heating Season Total	831,598		833,811	
Non-Heating Season Total	402,731		407,070	

**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)	4,909	5	4,914	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)	50,000	7,500	57,500	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 FT-142 (Nov-Apr) (2)	15,195	(15,195)	0	17 yr - 04/30/11			

NNG SMS (3)	30,650		30,650	15 yrs - 10/31/17			
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VGT OBA (3)	7,400		7,400	14 yrs - 10/31/09			
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Supply Entitlements (4)

**[TRADE SECRET BEGINS]**

**TRADE SECRET ENDS]**

Storage Entitlements

ANR Pipeline Storage (.946 MMcf)	15,264	32	15,296	7 yrs - 3/31/15	Capacity increase 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	3 yrs - 5/31/11 (6.5 MMcf expires 5/31/11)			
FDD Service (4.5 MMcf)	78,050		78,050	15 yrs - 5/31/27			

- (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, a Minnesota corporation

Attachment 2

**CHANGES TO CONTRACT ENTITLEMENTS AS OF NOVEMBER 1, 2011**

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	831,598	2,213	833,811
Non-Heating Season	402,731	4,339	407,070
Heating Season			
Forecasted Design Day	782,224	3,668	785,892
Non-Heating Season			
Forecasted Design Day	N/A	N/A	N/A
Heating Season Capacity			
Reserve/(Shortage)	49,374	(1,455)	47,919
Non-Heating Season Capacity			
Reserve/(Shortage)	N/A	N/A	N/A
Heating Season Capacity			
Reserve/(Shortage) Margin %	6.3%	-0.2%	6.1%
<b>Total MN State Available Capacity:</b>			
State of MN Allocation Factor	89.44%	-0.08%	89.36%
State of MN Heating Season Capacity	743,781	1,312	745,094
State of MN Design Day Demand	699,611	2,683	702,294
State of MN Heating Season Capacity			
Reserve/(Shortage)	44,170	(1,371)	42,800
State of MN Heating Season Capacity			
Reserve/(Shortage) Margin %	6.3%	-0.2%	6.1%

(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, a Minnesota corporation  
**MINNESOTA STATE RATE IMPACT**

Docket No. G002/M-11-\_\_\_\_  
 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, 2011  
 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	Last Approved Demand	Last Month PGA:	Current PGA	Current PGA	Change From Last	Change From Last	Change From	Change From
	Base Cost of Gas	Adjustment:	October 2011	without Adjustment:	with Adjustment:	Rate Case	Approved Demand	Last Month PGA	Current PGA
	(7)	November 2006	(8)	(8)	(8)	Base Cost	Adjustment		
Commodity Cost of Gas (WACOG) (1)	\$5.5042	\$7.0824	\$3.9272	\$4.1398	\$4.1398	-24.8%	-41.5%	5.4%	0.0%
Demand Cost of Gas -Summer (4)	\$0.4569	\$0.6608	\$0.4658	\$0.4801	\$0.4806	5.2%	-27.3%	3.2%	0.1%
Demand Cost of Gas - Winter (4, 5)	\$1.0350	\$1.2166	\$0.5797	\$1.0669	\$1.0680	3.2%	-12.2%	84.2%	0.1%
<b>Total Cost of Gas - Summer (2)</b>	<b>\$5.9611</b>	<b>\$7.7432</b>	<b>\$4.3930</b>	<b>\$4.6199</b>	<b>\$4.6204</b>	<b>-22.5%</b>	<b>-40.3%</b>	<b>5.2%</b>	<b>0.0%</b>
<b>Total Cost of Gas - Winter (2)</b>	<b>\$6.5392</b>	<b>\$8.2990</b>	<b>\$4.5069</b>	<b>\$5.2067</b>	<b>\$5.2078</b>	<b>-20.4%</b>	<b>-37.2%</b>	<b>15.6%</b>	<b>0.0%</b>
<b>Average Annual Total Usage (6)</b>	<b>34,832,360</b>	<b>36,396,910</b>	<b>34,832,360</b>	<b>34,832,360</b>	<b>34,832,360</b>	<b>0.0%</b>	<b>-4.3%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Average Annual Total Cost of Gas (2)</b>	<b>\$223,102,284</b>	<b>\$297,362,926</b>	<b>\$156,065,171</b>	<b>\$176,617,831</b>	<b>\$176,651,296</b>	<b>-20.8%</b>	<b>-40.6%</b>	<b>13.2%</b>	<b>0.0%</b>

ALL FIRM CUSTOMERS (3)									
All Cost \$/Dth	2010TY Rate Case	Last Approved Demand	Last Month PGA:	Current PGA	Current PGA	Change From Last	Change From Last	Change From	Change From
	Base Cost of Gas	Adjustment:	October 2011	without Adjustment:	with Adjustment:	Rate Case	Approved Demand	Last Month PGA	Current PGA
	(7)	November 2006	(8)	(8)	(8)	Base Cost	Adjustment		
Commodity Cost of Gas (WACOG) (1)	\$5.4871	\$7.0824	\$3.9272	\$4.1398	\$4.1398	-24.6%	-41.5%	5.4%	0.0%
Demand Cost of Gas -Summer (4)	\$0.4569	\$0.6608	\$0.4658	\$0.4801	\$0.4806	5.2%	-27.3%	3.2%	0.1%
Demand Cost of Gas - Winter (4, 5)	\$1.0350	\$1.2166	\$0.5797	\$1.0669	\$1.0680	3.2%	-12.2%	84.2%	0.1%
<b>Total Cost of Gas - Summer (2)</b>	<b>\$5.9440</b>	<b>\$7.7432</b>	<b>\$4.3930</b>	<b>\$4.6199</b>	<b>\$4.6204</b>	<b>-22.3%</b>	<b>-40.3%</b>	<b>5.2%</b>	<b>0.0%</b>
<b>Total Cost of Gas - Winter (2)</b>	<b>\$6.5221</b>	<b>\$8.2990</b>	<b>\$4.5069</b>	<b>\$5.2067</b>	<b>\$5.2078</b>	<b>-20.2%</b>	<b>-37.2%</b>	<b>15.6%</b>	<b>0.0%</b>
<b>Average Annual Total Usage</b>	<b>52,761,557</b>	<b>55,131,424</b>	<b>52,761,557</b>	<b>52,761,557</b>	<b>52,761,557</b>	<b>0.0%</b>	<b>-4.3%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Average Annual Total Cost of Gas (2)</b>	<b>\$336,922,634</b>	<b>\$450,309,016</b>	<b>\$236,373,760</b>	<b>\$267,411,825</b>	<b>\$267,462,396</b>	<b>-20.6%</b>	<b>-40.6%</b>	<b>13.2%</b>	<b>0.0%</b>

- (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 month
- (7) As in the compliance filing
- (8) Does not include the monthly demand true-up surcharge(credit)

Northern States Power Company, a Minnesota corporation

Docket No. G002/M-11-\_\_\_\_\_

**DERIVATION OF CURRENT PGA COSTS**

Attachment 2

November 2011

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	\$29,202,065	\$27,276,383	
2.	<u>x Minnesota Design Day Ratio (2011 Demand Entitlement Filing)</u>	<u>89.36%</u>	<u>89.36%</u>	
3.	Annual System Demand Allocation to MN	\$26,094,965	\$24,374,176	
4.	<u>MN State Design Day (2011 Demand Entitlement Filing)</u>	702,294	702,294	
5.	<u>- Small &amp; Large Demand Billed Dth (2011 Demand Entitlement Filing)</u>	<u>19,888</u>	<u>19,888</u>	
6.	Non-Demand Billed Design Day Dkt (4 - 5)	682,406	682,406	
7.	Non-Demand Billed Allocation (3 x 6 / 4)	\$25,355,980	\$23,683,922	
8.	Demand Billed Cost Allocation (3 - 7)	\$738,985	\$690,254	
9.	MN Annual / Seasonal Firm Therm Sales (2010 Rate Case)	527,615,567	403,181,815	
10.	Demand Unit Cost \$/Therm (7 / 9)	\$0.04806	\$0.05874	\$0.10680
11.	Demand Cost True-up - Residential, Oct-May			\$0.00022
12.	Demand Cost True-up - Commercial, Oct-May			(\$0.00009)
13.	Total Demand Rate - Residential (10 +11)			\$0.10702
14.	Total Demand Rate -Commercial (10 + 12)			\$0.10671
<u><b>Demand Cost (Demand Billed)</b></u>				
15.	Cost Allocated to Demand Billed (8)	\$738,985	\$690,254	\$1,429,239
16.	<u>/ Annual Contract Billing Demand (2011 Demand Entitlement Filing)</u>			<u>2,386,596</u>
17.	Monthly Commercial Demand Billed Demand Rate			\$0.59886
<u><b>Commodity Costs</b></u>				<u>Monthly Cost</u>
18.	NNG Annual/Best Effort/Viking/WBI/Xcel Energy Pk Shv			\$35,119,060
19.	<u>x MN Portion of Monthly Retail Sales</u>			<u>88.10%</u>
20.	MN Portion of Monthly Commodity Costs			\$30,939,892
21.	MN Budgeted Calendar Month Retail Therm Sales			74,738,278
22.	Commodity Unit Cost \$/Therm (20 / 21)			\$0.41398
<u><b>Total Gas Cost per Therm</b></u>				
23.	Residential (13 + 22)			<b>\$0.52100</b>
24.	Small & Large Commercial (14 +22)			<b>\$0.52069</b>
25.	Small & Large Demand Billed - Demand (17)			<b>\$0.59886</b>
26.	Small & Large Demand Billed - Commodity; All Interruptible (22)			<b>\$0.41398</b>



**Docket No. G002/M-11-\_\_\_\_  
Attachment 3**

**ATTACHMENT 3**

**Northern States Power Company,  
A Minnesota corporation**

**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, a Minnesota corporation  
**SUMMARY OF COMPANY HEDGE TRANSACTIONS**  
 2011-2012 Heating Season

Docket No. G002/M-11-\_\_\_\_  
 Attachment 3  
 Schedule 1  
 Page 1 of 1

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								30	31	31	29	31		

**Docket No. G002/M-11-\_\_\_\_\_**

**Attachment 2**

**Page 1 of 2**

**ATTACHMENT 4**

**Northern States Power Company,  
A Minnesota corporation**

**Updated information provided in response to Department  
recommendation in Docket No. G002/M-07-1395 to allocate some  
demand costs to interruptible customers.**

Northern States Power Company, a Minnesota corporation

**CALCULATION OF DEMAND COSTS ALLOCATED TO THE INTERRUPTIBLE CLASSES**

Minnesota Company

Docket No. G002/M-11-\_\_\_\_\_

Attachment 4

Schedule 1

Page 1 of 1

	A		B	C A / B	D	E C * D			
<b>1. Storage Capacity Demand Charges</b>									
	<u>MN &amp; ND Winter Cost*</u>	<u>MN Design Day Ratio</u>	<u>MN Winter Cost</u>	<u>MN Winter Sales (Dth)</u>	<u>Cost per Dth</u>	<u>MN Interruptible Winter Sales (Dth)</u>	<u>MN Winter Demand Costs to Be Allocated to Interruptible</u>	<u>12-Month Cost</u>	<u>Winter-Month Cost</u>
NNG:FDD	\$4,489,060.58	89.36%	\$4,011,424.53	49,398,906	\$0.0812	7,166,658	\$581,966.45		\$581,966.45
ANR	\$379,340.80	89.36%	\$338,978.94	49,398,906	\$0.0069	7,166,658	\$49,178.13		\$49,178.13
ANRS	<u>\$292,206.35</u>	89.36%	<u>\$261,115.59</u>	49,398,906	\$0.0053	7,166,658	<u>\$37,881.93</u>		<u>\$37,881.93</u>
	\$5,160,607.73		\$4,611,519.07		\$0.0934		\$669,026.52		<b>\$669,026.52</b>
<b>2. Pipeline Balancing Charges</b>									
	<u>MN &amp; ND Annual Cost</u>	<u>MN Design Day Ratio</u>	<u>MN Annual Cost</u>	<u>MN Annual Sales (Dth)</u>	<u>Cost per Dth</u>	<u>MN Interruptible Annual Sales (Dth)</u>	<u>MN Annual Demand Costs to Be Allocated to Interruptible</u>	<u>12-Month Cost</u>	<u>Winter-Month Cost</u>
NNG:SMS	\$801,804.00	89.36%	\$716,492.05	70,015,502	\$0.0102	12,947,297	\$132,494.02	\$132,494.02	
VGT:OBA	<u>\$88,800.00</u>	89.36%	<u>\$79,351.68</u>	70,015,502	<u>\$0.0011</u>	12,947,297	<u>\$14,673.75</u>	\$14,673.75	
	\$890,604.00		\$795,843.73		\$0.0114		\$147,167.77	<b>\$147,167.77</b>	

\*Storage Capacity Demand Charges only occur in the Winter

Northern States Power Company, a Minnesota corporation

Docket No. G002/M-11-\_\_\_\_\_

**DERIVATION OF CURRENT PGA COSTS**

Attachment 4

November 2011 Proposal - with certain demand costs allocated to the Interruptible class

Schedule 2

Page 1 of 1

<u>Demand Cost (Res, Sm &amp; Lg Commercial Firm)</u>	<u>Annual Cost</u>	<u>Winter Cost</u>	<u>Total</u>
1. MN & ND Total Demand	\$29,202,065	\$27,276,383	
2. <u>x Minnesota Design Day Ratio (2011 Demand Entitlement Filing)</u>	<u>89.36%</u>	<u>89.36%</u>	
3. Annual System Demand Allocation to MN	\$26,094,965	\$24,374,176	
4. <u>Less Demand Costs Allocated to MN Interruptible (2011 Demand Entitlement Filing)</u>	<u>\$147,168</u>	<u>\$669,027</u>	
5. MN Total Demand Adjusted	\$25,947,797	\$23,705,149	
6. <u>MN State Design Day (2011 Demand Entitlement Filing)</u>	702,294	702,294	
7. <u>- Small &amp; Large Demand Billed Dth (2011 Demand Entitlement Filing)</u>	<u>19,888</u>	<u>19,888</u>	
8. Non-Demand Billed Design Day Dth (6 - 7)	682,406	682,406	
9. Non-Demand Billed Allocation (5 x 8 / 6)	\$25,212,980	\$23,033,842	
10. Demand Billed Cost Allocation (5 - 9)	\$734,817	\$671,307	
11. MN Annual / Seasonal Firm Therm Sales (2010 Rate Case)	527,615,567	403,181,815	
12. Demand Unit Cost \$/Therm (9 / 11)	\$0.04779	\$0.05713	\$0.10492
13. Demand Cost True-up - Residential, Oct-May			\$0.00022
14. Demand Cost True-up - Commercial, Oct-May			(\$0.00009)
15. Total Demand Rate - Residential (12 + 13)			\$0.10514
16. Total Demand Rate -Commercial (12 + 14)			\$0.10483
 <b><u>Demand Cost (Demand Billed)</u></b>			
17. Cost Allocated to Demand Billed (10)	\$734,817	\$671,307	\$1,406,125
18. <u>/ Annual Contract Billing Demand (2011 Demand Entitlement Filing)</u>			<u>2,386,596</u>
19. Monthly Commercial Demand Billed Demand Rate			\$0.58918
 <b><u>Demand Cost (Interruptible)</u></b>			
20. Demand Costs Allocated to Interruptible (4)	\$147,168	\$669,027	
21. MN Budgeted Interruptible Therm Sales	132,840,401	76,761,618	
22. Interruptible Allocated Demand Unit Cost \$/Therm (20 / 21)	\$0.00111	\$0.00872	\$0.00983
 <b><u>Commodity Costs</u></b>			
23. NNG Annual/Best Effort/Viking/WBI/Xcel Energy Pk Shv			\$35,119,060
24. <u>x MN Portion of Monthly Retail Sales</u>			<u>88.10%</u>
25. MN Portion of Monthly Commodity Costs			\$30,939,892
26. MN Budgeted Calendar Month Retail Therm Sales			74,738,278
27. Commodity Unit Cost \$/Therm (27 / 28)			\$0.41398
 <b><u>Total Gas Cost per Therm</u></b>			
28. Residential (15 + 29)			<b>\$0.51912</b>
29. Small & Large Commercial (16 + 29)			<b>\$0.51881</b>
30. Small & Large Demand Billed - Demand (19)			<b>\$0.58918</b>
31. Small & Large Demand Billed - Commodity (29)			<b>\$0.41398</b>
32. All Interruptible (24 + 29)			<b>\$0.42381</b>

Northern States Power Company, a Minnesota corporation

Docket No. G002/M-11-\_\_\_\_\_

**BILL IMPACT OF PROPOSED DEMAND ALLOCATION METHODOLOGY**

Attachment 4

Schedule 3

Page 1 of 1

<u>Class</u>	<u>Typical Annual Usage (Dth)</u>	<u>Typical Annual Bill With Current Demand/Commodity Allocation</u>	<u>Typical Annual Bill With Proposed Demand/Commodity Allocation</u>	<u>Difference</u>	<u>Percent of Current</u>
Residential	86	\$768.48	\$767.19	(\$1.29)	-0.17%
Small Commercial Firm	298	\$2,391.24	\$2,386.78	(\$4.46)	-0.19%
Large Commercial Firm	1,510	\$11,169.00	\$11,146.80	(\$22.20)	-0.20%
Small Commercial Demand Billed		\$59,014.41	\$58,942.04	(\$72.36)	-0.12%
Demand Usage (Monthly Dth)	62				
Commodity Usage	8,769				
Large Commercial Demand Billed		\$147,565.80	\$147,368.09	(\$197.71)	-0.13%
Demand Usage (Monthly Dth)	170				
Commodity Usage	21,695				
Small Interruptible	8,114	\$48,539.68	\$49,112.96	\$573.28	1.18%
Medium Interruptible	60,791	\$324,538.45	\$327,861.88	\$3,323.42	1.02%
Large Interruptible	839,818	\$4,405,112.61	\$4,453,422.79	\$48,310.17	1.10%

## 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; MISC. GAS SERVICE LIST**

Dated this 1st day of November 2011

/s/

---

Lindsey Didion

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	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
James J.	Bertrand	james.bertrand@leonard.com	Leonard Street & Deinard	Suite 2300 150 South Fifth Street Minneapolis, MN 55402	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Steven	Bosacker		City of Minneapolis	City Hall, Room 301M 350 South Fifth Street Minneapolis, MN 554151376	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Jeffrey A.	Daugherty	jeffrey-daugherty@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave  Minneapolis, MN 55402	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and 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-Elec_Xcel Miscl Electric and Gas
Ronald	Giteck	ron.giteck@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-Elec_Xcel Miscl Electric and Gas
Lloyd	Grooms	lgrooms@winthrop.com	Winthrop and Weinstine	Suite 3500 225 South Sixth Street Minneapolis, MN 554024629	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Todd J.	Guerrero	tguerrero@fredlaw.com	Fredrikson & Byron, P.A.	Suite 4000 200 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Sandra	Hofstetter	N/A	MN Chamber of Commerce	1140 Mary Hill Cir.  Hartland, WI 53029-8009	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas



First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law	2265 Roswell Road Suite 100 Marietta, GA 30062	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Richard	Johnson	johnsonr@moss- barnett.com	Moss & Barnett	4800 Wells Fargo Center90 South Seventh Street  Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center80 South 8th Street  Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Douglas	Larson	dlarson@dakotaelectric.co m	Dakota Electric Association	4300 220th St W  Farmington, MN 55024	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	900 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E  St. Paul, MN 55106	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
John	Moir	N/A	City of Minneapolis	City Hall Rm 301 M 350 South 5th Street Minneapolis, MN 55415-1376	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
Andrew	Moratzka	apm@mcmlaw.com	Mackall, Crouse and Moore	1400 AT&T Tower 901 Marquette Ave Minneapolis, MN 55402	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
David W.	Niles	david.niles@avantenergy.c om	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-Elec_Xcel Miscl Electric and Gas
Joseph V.	Plumbo		Local Union 23, I.B.E.W.	932 Payne Avenue  St. Paul, MN 55130	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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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-Elec_Xcel Miscl Electric and Gas
Lisa	Veith		City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Paper Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Miscl Electric and Gas
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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
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John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	900 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
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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