



414 Nicollet Mall
Minneapolis, MN 55401

**PUBLIC DOCUMENT
TRADE SECRET DATA EXCISED**

January 27, 2016

—Via Electronic Filing—

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

RE: COMPLIANCE FILING-NEW ESAs WITH 4 CUSTOMERS
BUSINESS INCENTIVE AND SUSTAINABILITY RIDER
DOCKET NO. E002/GR-12-961

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits this report to the Minnesota Public Utilities Commission in compliance with the Company's Business Incentive and Sustainability (BIS) Rider as approved by the Commission's September 3, 2013, Order in Docket No. E002/GR-12-961.

The Company's BIS Rider tariff requires the following:

...no later than 30 days after the Company signs a new ESA with a customer to be served under the BIS Rider, the Company must file with the Commission a report showing the incremental revenues and the incremental costs associated with the new ESA. If no party objects to the ESA within 30 days of the filing date, the ESA is deemed to be approved.

At this time we have four customers, Advanced Extrusion, Inc., LeafLine Labs LLC, New Plastics Plus, Inc., and Grede, LLC who have executed Electric Service Agreements (ESAs). For administrative efficiency we have filed these four agreements together in this compliance filing. However, if there are comments or objections to an individual agreement(s), we would propose the other agreement(s) without objections move forward and be deemed approved within 30 days of today's date in compliance with the above tariff language.

We provide the required information for each of these four customers below.

PUBLIC DOCUMENT
TRADE SECRET DATA EXCISED

A. Advanced Extrusion, Inc.

The ESA with Advanced Extrusion, Inc., which was executed on December 30, 2015, is included as Attachment A1 to this filing. Advanced Extrusion, Inc. is a close tolerance extrusion house that produces polyester roll stock for the thermoforming and laminating industries and chose to expand their business in Minnesota due in part to the incentives offered by the BIS Rider.

Advanced Extrusion, Inc.'s expansion takes place at an existing vacant location served by Xcel Energy and thus requires no additional distribution facilities to either connect the customer or serve the expansion of load of the customer. Further, the BIS Rider discounts are being offered to the customer in a period when Xcel Energy has sufficient generation capacity such that no incremental cost is required to meet the generation capacity needs of the customer.

1. Incremental Costs and Revenues

As stated above, we do not believe that there are any incremental distribution or generation costs associated with offering this customer service under the BIS Rider. However, consistent with the Department's March 3, 2015 comments regarding our February 25, 2015 filing for another customer on the BIS rider, we analyzed the "worst case" scenario by assigning all currently known potential incremental generation and distribution costs to serve the expansion of Advanced Extrusion, Inc.

First, there are no current or future distribution upgrades to serve this customer. Second, although the BIS Rider discount will be applied in a period where Xcel Energy has no incremental capacity costs, for purposes of this analysis, we used the Commission-approved methodology of assigning generation capacity to near-term situations when the Company has longer-term needs for the generation capacity. In this case, the analysis assumes the Company has a need for combustion turbine additions within four years following the customer load expansion.

Attachment A2 provides supporting detail for the Incremental Energy, Capacity, and Distribution Costs, as well as the expected revenues after application of the BIS Rider discount for the period of February 2016 through January 2022, the time period covered by the Advanced Extrusion, Inc. BIS Rider ESA. As evidenced by Attachment A2, even under our worst case scenario analysis, the estimated incremental revenue of [TRADE SECRET BEGINS TRADE SECRET ENDS] for Advanced Extrusion, Inc. during the BIS Rider discount period is more than the incremental cost of [TRADE SECRET BEGINS TRADE SECRET ENDS].

PUBLIC DOCUMENT
TRADE SECRET DATA EXCISED

C. New Plastics Plus, Inc.

The ESA with New Plastics Plus, Inc., which was executed on December 31, 2015, is included as Attachment C1 to this filing. New Plastics Plus, Inc. is a plastic fabrication company and chose to expand their business in Minnesota due in part to the incentives offered by the BIS Rider. This expansion takes place at a new location to be served by Xcel Energy and thus requires additional distribution facilities to connect the customer and serve the expansion of load of the customer.

1. Incremental Costs and Revenues

The incremental distribution cost to provide service to New Plastics Plus, Inc. is **[TRADE SECRET BEGINS TRADE SECRET ENDS]**. These costs are comprised of a new transformer, cable, meter, pad and all connection devices.

Although the BIS Rider discount will be applied in a period where Xcel Energy has no incremental capacity costs, for purposes of this analysis, we used the Commission-approved methodology of assigning generation capacity to near-term situations when the Company has longer-term needs for the generation capacity. In this case, the analysis assumes the Company has a need for combustion turbine additions within four years following the customer load expansion.

Attachment C2 provides supporting detail for the Incremental Energy, Capacity, and Distribution Costs, as well as the expected revenues after application of the BIS Rider discount for the period of February 2016 through January 2022, the time period covered by the New Plastics Plus, Inc. BIS Rider ESA. As evidenced by Attachment C2, even under our worst case scenario analysis, the estimated incremental revenue of **[TRADE SECRET BEGINS TRADE SECRET ENDS]** for New Plastics Plus, Inc. during the BIS Rider discount period is more than the incremental cost of **[TRADE SECRET BEGINS TRADE SECRET ENDS]**.

D. Grede, LLC

The ESA with Grede, LLC, which was executed on January 22, 2016, is included as Attachment D1 to this filing. Grede, LLC manufactures cast, machined and assembled components for the transportation and industrial markets and chose to expand their business in Minnesota due in part to the incentives offered by the BIS Rider.

PUBLIC DOCUMENT
TRADE SECRET DATA EXCISED

1. Incremental Costs and Revenues

Grede, LLC's expansion takes place at their current location served by Xcel Energy. The incremental distribution cost to provide service to Grede, LLC is **[TRADE SECRET BEGINS** **TRADE SECRET ENDS]**. These costs are comprised of a new distribution feeder, a new transformer, associated cable, meter, and pad, as well as all connection devices.

Although the BIS Rider discount will be applied in a period where Xcel Energy has no incremental capacity costs, for purposes of this analysis, we used the Commission-approved methodology of assigning generation capacity to near-term situations when the Company has longer-term needs for the generation capacity. In this case, the analysis assumes the Company has a need for combustion turbine additions within four years following the customer load expansion.

Attachment D2 provides supporting detail for the Incremental Energy, Capacity, and Distribution Costs, as well as the expected revenues after application of the BIS Rider discount for the period of February 2016 through January 2022, the time period covered by the Grede, LLC BIS Rider ESA. As evidenced by Attachment D2, even under our worst case scenario analysis, the estimated incremental revenue of **[TRADE SECRET BEGINS** **TRADE SECRET ENDS]** for Grede, LLC during the BIS Rider discount period is more than the incremental cost of **[TRADE SECRET BEGINS** **TRADE SECRET ENDS]**.

Conclusion

We appreciate the opportunity to bring these four Electric Service Agreements under the BIS Rider tariff forward for the Commission's consideration and review.

As the analysis in this compliance filing suggests, we believe that the expansion of Advanced Extrusion, Inc., LeafLine Labs LLC, New Plastics Plus, Inc., and Grede, LLC facilities are cost justified. Consistent with our BIS Rider tariff which indicates that the ESA is deemed approved if no party objects within 30 days of the filing date, we will consider the attached ESAs with Advanced Extrusion, Inc., LeafLine Labs, LLC, New Plastics Plus, Inc. and Grede, LLC approved unless someone objects in this docket by February 26, 2016.

This filing contains information marked as trade secret pursuant to Minnesota Statute § 13.37, subd. 1(b) and is considered sensitive by Xcel Energy and our customer. These provisions derive economic value, actual or potential, from not being generally

PUBLIC DOCUMENT
TRADE SECRET DATA EXCISED

known to, and not being readily ascertainable by other means by other persons who can obtain economic value from its disclosure or use.

We have electronically filed this document with the Minnesota Public Utilities Commission and copies have been served on the parties on the attached service list.

Please contact me at bria.e.shea@xcelenergy.com or (612) 330-6064 if you have any questions regarding this filing.

Sincerely,

/s/

BRIA E. SHEA
REGULATORY MANAGER

Enclosures
c: Service List



Electric Service Agreement

THIS AGREEMENT, Made this 30 day of December, 2015, by and between NORTHERN STATES POWER COMPANY, D/B/A XCEL ENERGY, a Minnesota Corporation, hereinafter called the "Company," and ADVANCED EXTRUSION, INC. hereinafter called the "Customer" engaged in the business of plastic extrusion.

WITNESSETH: That the parties hereto, each in consideration of the agreements of the other, agree as follows:

1. KIND OF SERVICE: Company agrees to supply and Customer agrees to accept electric service in 3 Phase, 4 Wire. Alternating Current at a nominal frequency of 60 Hertz and a nominal voltage of 13,800 , for Customer's use solely for operation of electric equipment not installed by Customer on the property known as Advanced Extrusion located at 22101 Industrial Blvd, Rogers MN 55374.
2. CAPACITY COMMITMENT: Company agrees to provide and keep available throughout the term of this Agreement for Customer's use at the above location 3,000 kilovolt-amperes of capacity.
3. ANNUAL MINIMUM CHARGE: N/A
4. TERM: This Agreement shall commence at 12:01 A.M. **February 1, 2016**, and shall continue for a period ending at 12:01 A.M. on **January 31, 2022**, and, if not then terminated by at least six months prior written notice by either party, shall continue further until so terminated; provided, that in the event Company continues to supply electric service to customer at this location subsequent to the termination hereof.
5. RATE: Customer agrees to qualify for and elects the rate schedule now in effect being the one attached hereto (Rate Code: A15: General Time of Day Metered).
6. PAYMENT OF BILLS: All bills are payable at Company's office on or before the date the bill is due for service supplied by Company in the preceding billing period.
7. TERMS AND CONDITIONS: The service hereunder shall be supplied for Customer's use subject to the General Rules and Regulations of Company on file with the state Regulatory Commission as they now exist or may hereafter be changed. A copy of such rules and regulations is available from the Company. This Agreement is also subject to Sections(s) 1 and 2 appearing under the heading "Additional Terms and Conditions" on the reverse side of or attached to this Agreement. Customer agrees to use electrical service only as herein stated and will not assign this Agreement except upon written consent of Company.

XCEL ENERGY

Chris W. Conrad

By

Director, NSP-Minnesota

ADVANCED EXTRUSION, INC.

Mike Hart

By President & CEO

Title

**Additional Terms and Conditions
to
Electric Service Agreement**

Between

**Northern States Power Company
and
Advanced Extrusion, Inc.**

Section 1: Business Incentive and Sustainability Rider

The Company's Business Incentive and Sustainability Rider (as may be amended from time to time, the "Sustainability Rider") is available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand (as defined in the Sustainability Rider). Customer has billing demand of 1,000+ KW at the property described in Paragraph 1 of the Electric Service Agreement that qualifies as Qualified Billing Demand. In addition to any provisions contained herein, service for the Qualified Billing Demand shall also be subject to the provisions of the Sustainability Rider as it appears in the Company's Tariff Book. A copy of the Sustainability Rider is available from the Company. This Section 1 is effective for a period of six years beginning on **February 1, 2016**, the date upon which the customer commenced taking Service under the Sustainability Rider.

Section 2: Impact of Agreement

Nothing in this Agreement shall impact the Customer's obligation to purchase all of its electric power and electric energy from the Company during the full term of Section 1.

Advanced Extrusion Margin Contribution Analysis

	Advanced Extrusion kWh Usage				Advanced Extrusion Incremental Energy Cost Analysis				Total Incremental Energy Costs 9 = (1 * 5) + (2 * 6) + (3 * 7) + (4 * 8)
	Summer		Winter		Summer		Winter		
	1	2	3	4	5	6	7	8	
Year	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh	Marginal On-Peak (\$ per kWh)	Marginal Off-Peak (\$ per kWh)	Marginal On-Peak (\$ per kWh)	Marginal Off-Peak (\$ per kWh)	Total Incremental Energy Costs
[TRADE SECRET BEGINS]									
1									
2									
3									
4									
5									
6									
7									

TRADE SECRET ENDS]

	Advanced Extrusion Incremental Capacity Cost Analysis			Incremental Distribution Cost Analysis	Advanced Extrusion Margin Contribution Analysis		
	10	11	12 = 10 * 11	13	14 = 13 + 12 + 9	15	16 = 15 - 14
Year	Advanced Extrusion Annual Peak Billing Demands	Incremental Capacity Cost per kW per Yr	Total Incremental Capacity Costs	Incremental Distribution Costs *	Total Incremental Energy, Capacity and Distribution Costs	Advanced Extrusion Electric Revenue After BIS Rider Discount **	Advanced Extrusion Electric Revenue in Excess of Incremental Costs
[TRADE SECRET BEGINS]							
1							
2							
3							
4							
5							
6							
7							

TRADE SECRET ENDS]

* No additional distribution costs to provide service.

** Excludes Taxes and City Fees.



Electric Service Agreement

THIS AGREEMENT, Made this 31 day of December, 2015, by and between NORTHERN STATES POWER COMPANY, D/B/A XCEL ENERGY, a Minnesota Corporation, hereinafter called the "Company," and LEAFLINE LABS LLC hereinafter called the "Customer" engaged in the business of medical plant extraction.

WITNESSETH: That the parties hereto, each in consideration of the agreements of the other, agree as follows:

1. **KIND OF SERVICE:** Company agrees to supply and Customer agrees to accept electric service in 3 Phase, 4 Wire. Alternating Current at a nominal frequency of 60 Hertz and a nominal voltage of 13,800 , for Customer's use solely for operation of electric equipment not installed by Customer on the property known as Leafline Labs located at 8235 97th Street South, Cottage Grove, MN 55016.
2. **CAPACITY COMMITMENT:** Company agrees to provide and keep available throughout the term of this Agreement for Customer's use at the above location 2,500 kilovolt-amperes of capacity.
3. **ANNUAL MINIMUM CHARGE:** N/A
4. **TERM:** This Agreement shall commence at 12:01 A.M. February 1, 2016, and shall continue for a period ending at 12:01 A.M. on January 31, 2022, and, if not then terminated by at least six months prior written notice by either party, shall continue further until so terminated; provided, that in the event Company continues to supply electric service to customer at this location subsequent to the termination hereof.
5. **RATE:** Customer agrees to qualify for and elects the rate schedule now in effect being the one attached hereto (Rate Code: A14: General Service Metered).
6. **PAYMENT OF BILLS:** All bills are payable at Company's office on or before the date the bill is due for service supplied by Company in the preceding billing period.
7. **TERMS AND CONDITIONS:** The service hereunder shall be supplied for Customer's use subject to the General Rules and Regulations of Company on file with the state Regulatory Commission as they now exist or may hereafter be changed. A copy of such rules and regulations is available from the Company. This Agreement is also subject to Sections(s) 1 and 2 appearing under the heading "Additional Terms and Conditions" on the reverse side of or attached to this Agreement. Customer agrees to use electrical service only as herein stated and will not assign this Agreement except upon written consent of Company.

XCEL ENERGY
Chris W. Conrad
By Director NSP-Minnesota

LEAFLINE LABS LLC.
Cory Keller
By CFO
Title

**Additional Terms and Conditions
to
Electric Service Agreement**

Between

**Northern States Power Company
And
Leafline Labs LLC.**

Section 1: Business Incentive and Sustainability Rider

The Company's Business Incentive and Sustainability Rider (as may be amended from time to time, the "Sustainability Rider") is available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand (as defined in the Sustainability Rider). Customer has billing demand of 1,000+ KW at the property described in Paragraph 1 of the Electric Service Agreement that qualifies as Qualified Billing Demand. In addition to any provisions contained herein, service for the Qualified Billing Demand shall also be subject to the provisions of the Sustainability Rider as it appears in the Company's Tariff Book. A copy of the Sustainability Rider is available from the Company. This Section 1 is effective for a period of six years beginning on February 1, 2016, the date upon which the customer commenced taking Service under the Sustainability Rider.

Section 2: Impact of Agreement

Nothing in this Agreement shall impact the Customer's obligation to purchase all of its electric power and electric energy from the Company during the full term of Section 1.

Leaf Line Labs Margin Contribution Analysis

Year	Leaf Line Labs kWh Usage				Leaf Line Labs Incremental Energy Cost Analysis				Total Incremental Energy Costs 9 = (1 * 5) + (2 * 6) + (3 * 7) + (4 * 8)
	Summer		Winter		Summer		Winter		
	1	2	3	4	5	6	7	8	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh	Annual Avg Marginal (\$ per kWh)	Annual Avg Marginal (\$ per kWh)	Annual Avg Marginal (\$ per kWh)	Annual Avg Marginal (\$ per kWh)	
[TRADE SECRET BEGINS]									
1									
2									
3									
4									
5									
6									
7									

TRADE SECRET ENDS]

Year	Leaf Line Labs Incremental Capacity Cost Analysis			Incremental Distribution Cost Analysis	Leaf Line Labs Margin Contribution Analysis		
	10	11	12 = 10 * 11	13	14 = 13 + 12 + 9	15	16 = 15 - 14
	Leaf Line Labs Annual Peak Billing Demands	Incremental Capacity Cost per kW per Yr	Total Incremental Capacity Costs	Incremental Distribution Costs *	Total Incremental Energy, Capacity and Distribution Costs	Leaf Line Labs Electric Revenue After BIS Rider Discount **	Leaf Line Labs Electric Revenue in Excess of Incremental Costs
[TRADE SECRET BEGINS]							
1							
2							
3							
4							
5							
6							
7							

TRADE SECRET ENDS]

* Includes a new transformer, cable, pad and poles installed to provide service, just a service tap was required.

** Excludes Taxes and City Fees.



Electric Service Agreement

THIS AGREEMENT, Made this 31st day of December, 2015, by and between NORTHERN STATES POWER COMPANY, D/B/A XCEL ENERGY, a Minnesota Corporation, hereinafter called the "Company," and NEW PLASTICS PLUS, INC., hereinafter called the "Customer" engaged in the business of thermoforming plastic and finished products.

WITNESSETH: That the parties hereto, each in consideration of the agreements of the other, agree as follows:

1. **KIND OF SERVICE:** Company agrees to supply and Customer agrees to accept electric service in 3 Phase, 4 Wire. Alternating Current at a nominal frequency of 60 Hertz and a nominal voltage of 13,800, for Customer's use solely for operation of electric equipment not installed by Customer on the property known as New Plastics Plus located at 6035 Queens Avenue North, Elk River, MN 55330.
2. **CAPACITY COMMITMENT:** Company agrees to provide and keep available throughout the term of this Agreement for Customer's use at the above location 1,250 kilovolt-amperes of capacity.
3. **ANNUAL MINIMUM CHARGE:** N/A
4. **TERM:** This Agreement shall commence at 12:01 A.M., February 1, 2016, and shall continue for a period ending at 12:01 A.M. on January 31, 2022, and, if not then terminated by at least six months prior written notice by either party, shall continue further until so terminated; provided, that in the event Company continues to supply electric service to customer at this location subsequent to the termination hereof.
5. **RATE:** Customer agrees to qualify for and elects the rate schedule now in effect being the one attached hereto (Rate Code: A14; General Service Metered).
6. **PAYMENT OF BILLS:** All bills are payable at Company's office on or before the date the bill is due for service supplied by Company in the preceding billing period.
7. **TERMS AND CONDITIONS:** The service hereunder shall be supplied for Customer's use subject to the General Rules and Regulations of Company on file with the state Regulatory Commission as they now exist or may hereafter be changed. A copy of such rules and regulations is available from the Company. This Agreement is also subject to Sections(s) 1 and 2 appearing under the heading "Additional Terms and Conditions" on the reverse side of or attached to this Agreement. Customer agrees to use electrical service only as herein stated and will not assign this Agreement except upon written consent of Company.

XCEL ENERGY

Chuy W. Comas
By Chuy W. Comas
Director, Regulatory Affairs, NSP-Minnesota

NEW PLASTICS PLUS, INC

ERIC J. FORTMAN
By E. Fortman
Title Principal / GM

**Additional Terms and Conditions
to
Electric Service Agreement**

Between

**Northern States Power Company
and
New Plastics Plus, Inc.**

Section 1: Business Incentive and Sustainability Rider

The Company's Business Incentive and Sustainability Rider (as may be amended from time to time, the "Sustainability Rider") is available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand (as defined in the Sustainability Rider). Customer has billing demand of 350+ KW at the property described in Paragraph 1 of the Electric Service Agreement that qualifies as Qualified Billing Demand. In addition to any provisions contained herein, service for the Qualified Billing Demand shall also be subject to the provisions of the Sustainability Rider as it appears in the Company's Tariff Book. A copy of the Sustainability Rider is available from the Company. This Section 1 is effective for a period of six years beginning on February 1, 2016, the date upon which the customer commenced taking Service under the Sustainability Rider.

Section 2: Impact of Agreement

Nothing in this Agreement shall impact the Customer's obligation to purchase all of its electric power and electric energy from the Company during the full term of Section 1.

New Plastics Plus Margin Contribution Analysis

Year	New Plastics Plus kWh Usage				New Plastics Plus Incremental Energy Cost Analysis				Total Incremental Energy Costs
	Summer		Winter		Summer		Winter		
	1	2	3	4	5	6	7	8	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh	Average Marginal On-Peak (\$ per kWh)	Average Marginal Off-Peak (\$ per kWh)	Average Marginal On-Peak (\$ per kWh)	Average Marginal Off-Peak (\$ per kWh)	Total Incremental Energy Costs
	[TRADE SECRET BEGINS]								
1									
2									
3									
4									
5									
6									
7									

TRADE SECRET ENDS]

Year	New Plastics Plus Incremental Capacity Cost Analysis			Incremental Distribution Cost Analysis	New Plastics Plus Margin Contribution Analysis		
	10	11	12 = 10 * 11	13	14 = 13 + 12 + 9	15	16 = 15 - 14
	New Plastics Plus Annual Peak Billing Demands	Incremental Capacity Cost per kW per Yr	Total Incremental Capacity Costs	Incremental Distribution Costs *	Total Incremental Energy, Capacity and Distribution Costs	New Plastics Plus Electric Revenue After BIS Rider Discount **	New Plastics Plus Electric Revenue in Excess of Incremental Costs
	[TRADE SECRET BEGINS]						
1							
2							
3							
4							
5							
6							
7							

TRADE SECRET ENDS]

* Includes a new transformer with associated cable, meter, and pad, as well as all connection devices.□

** Excludes Taxes and City Fees.



Electric Service Agreement

THIS AGREEMENT, Made this 22nd day of January, 2016, by and between NORTHERN STATES POWER COMPANY, D/B/A XCEL ENERGY, a Minnesota Corporation, hereinafter called the "Company," and GREDE, LLC, hereinafter called the "Customer" engaged in the business of metal foundry and casting for the transportation and industrial markets.

WITNESSETH: That the parties hereto, each in consideration of the agreements of the other, agree as follows:

1. **KIND OF SERVICE:** Company agrees to supply and Customer agrees to accept electric service in 3 Phase, 4 Wire. Alternating Current at a nominal frequency of 60 Hertz and a nominal voltage of 13,800, for Customer's use solely for operation of electric equipment not installed by Customer on the property known as Grede Foundry located at 5200 Foundry Drive., St. Cloud, MN 56303.
2. **CAPACITY COMMITMENT:** Company agrees to provide and keep available throughout the term of this Agreement for Customer's use at the above location 17,500 kilovolt-amperes of capacity.
3. **ANNUAL MINIMUM CHARGE:** N/A
4. **TERM:** This Agreement shall commence at 12:01 A.M. **February 1, 2016**, and shall continue for a period ending at 12:01 A.M. on **January 31, 2022**, and, if not then terminated by at least six months prior written notice by either party, shall continue further until so terminated; provided, that in the event Company continues to supply electric service to customer at this location subsequent to the termination hereof.
5. **RATE:** Customer agrees to qualify for and elects the rate schedule now in effect being the one attached hereto (Rate Code: A24: Peak Controlled Tiered Time of Day with Short Notice Rider).
6. **PAYMENT OF BILLS:** All bills are payable at Company's office on or before the date the bill is due for service supplied by Company in the preceding billing period.
7. **TERMS AND CONDITIONS:** The service hereunder shall be supplied for Customer's use subject to the General Rules and Regulations of Company on file with the state Regulatory Commission as they now exist or may hereafter be changed. A copy of such rules and regulations is available from the Company. This Agreement is also subject to Sections(s) 1 and 2 appearing under the heading "Additional Terms and Conditions" on the reverse side of or attached to this Agreement. Customer agrees to use electrical service only as herein stated and will not assign this Agreement except upon written consent of Company.

XCEL ENERGY

Chris W. Council

By

Director, Acct Mgmt, NSP-Minnesota

GREDE, LLC

John P. Haks

By

General Manager

Title

1/20/2016

**Additional Terms and Conditions
to
Electric Service Agreement**

Between

**Northern States Power Company
and
Grede, LLC**

Section 1: Business Incentive and Sustainability Rider

The Company's Business Incentive and Sustainability Rider (as may be amended from time to time, the "Sustainability Rider") is available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand (as defined in the Sustainability Rider). Customer has billing demand of 1,000+ KW at the property described in Paragraph 1 of the Electric Service Agreement that qualifies as Qualified Billing Demand. In addition to any provisions contained herein, service for the Qualified Billing Demand shall also be subject to the provisions of the Sustainability Rider as it appears in the Company's Tariff Book. A copy of the Sustainability Rider is available from the Company. This Section 1 is effective for a period of six years beginning on February 1, 2016, the date upon which the customer commenced taking Service under the Sustainability Rider.

Section 2: Impact of Agreement

Nothing in this Agreement shall impact the Customer's obligation to purchase all of its electric power and electric energy from the Company during the full term of Section 1.

Grede, LLC Margin Contribution Analysis

Year	Grede kWh Usage				Grede Incremental Energy Cost Analysis				Total Incremental Energy Costs
	Summer		Winter		Summer		Winter		
	1	2	3	4	5	6	7	8	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh	Marginal On-Peak (\$ per kWh)	Marginal Off-Peak (\$ per kWh)	Marginal On-Peak (\$ per kWh)	Marginal Off-Peak (\$ per kWh)	
	[TRADE SECRET BEGINS]								
1									
2									
3									
4									
5									
6									
7									

TRADE SECRET ENDS]

Year	Grede Incremental Capacity Cost Analysis			Incremental Distribution Cost Analysis	Grede Margin Contribution Analysis		
	10	11	12 = 10 * 11	13	14 = 13 + 12 + 9	15	16 = 15 - 14
	Grede Annual Peak Billing Demands	Incremental Capacity Cost per kW per Yr	Total Incremental Capacity Costs	Incremental Distribution Costs *	Total Incremental Energy, Capacity and Distribution Costs	Grede Electric Revenue After BIS Rider Discount **	Grede Electric Revenue in Excess of Incremental Costs
	[TRADE SECRET BEGINS]						
1							
2							
3							
4							
5							
6							
7							

TRADE SECRET ENDS]

* Includes a new distribution feeder, new transformer, cable, meter, pad and connection devices.

** Excludes Taxes and City Fees.

CERTIFICATE OF SERVICE

I, Jim Erickson, 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 NO. E002/GR-12-961

Dated this 27th day of January 2016

/s/

Jim Erickson
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Aafedt	daafedt@winthrop.com	Winthrop & Weinstine, P.A.	Suite 3500, 225 South Sixth Street Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_12-961_Official List
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_12-961_Official List
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_12-961_Official List
Alison C	Archer	alison.c.archer@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
James J.	Bertrand	james.bertrand@stinson.com	Stinson Leonard Street LLP	150 South Fifth Street, Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
William A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Electronic Service	No	OFF_SL_12-961_Official List
James	Canaday	james.canaday@ag.state.mn.us	Office of the Attorney General-RUD	Suite 1400 445 Minnesota St. St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_12-961_Official List
Jeanne	Cochran	Jeanne.Cochran@state.mn.us	Office of Administrative Hearings	P.O. Box 64620 St. Paul, MN 55164-0620	Electronic Service	No	OFF_SL_12-961_Official List
Jeffrey A.	Daugherty	jeffrey.daugherty@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James	Denniston	james.r.denniston@xcelenergy.com	Xcel Energy Services, Inc.	414 Nicollet Mall, Fifth Floor Minneapolis, MN 55401	Electronic Service	Yes	OFF_SL_12-961_Official List
Ian	Dobson	ian.dobson@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	Yes	OFF_SL_12-961_Official List
Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy	414 Nicollet Mall, 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
Emma	Fazio	emma.fazio@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_12-961_Official List
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_12-961_Official List
Janet	Gonzalez	Janet.gonzalez@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_12-961_Official List
Michael	Hoppe	il23@mtn.org	Local Union 23, I.B.E.W.	932 Payne Avenue St. Paul, MN 55130	Electronic Service	No	OFF_SL_12-961_Official List
Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law	2265 Roswell Road Suite 100 Marietta, GA 30062	Electronic Service	No	OFF_SL_12-961_Official List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Linda	Jensen	linda.s.jensen@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN 551012134	Electronic Service	Yes	OFF_SL_12-961_Official List
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
Mark J.	Kaufman	mkaufman@ibewlocal949.org	IBEW Local Union 949	12908 Nicollet Avenue South Burnsville, MN 55337	Electronic Service	No	OFF_SL_12-961_Official List
Thomas	Koehler	TGK@IBEW160.org	Local Union #160, IBEW	2909 Anthony Ln St Anthony Village, MN 55418-3238	Electronic Service	No	OFF_SL_12-961_Official List
Mara	Koeller	mara.n.koeller@xcelenergy.com	Xcel Energy	414 Nicollet Mall 5th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
Douglas	Larson	dlarson@dakotaelectric.com	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	OFF_SL_12-961_Official List
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_12-961_Official List
Matthew P	Loftus	matthew.p.loftus@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
Paula	Maccabee	Pmaccabee@justchangela.com	Just Change Law Offices	1961 Selby Ave Saint Paul, MN 55104	Electronic Service	No	OFF_SL_12-961_Official List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	OFF_SL_12-961_Official List
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_12-961_Official List
Mary	Martinka	mary.a.martinka@xcelenergy.com	Xcel Energy Inc	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_12-961_Official List
Brian	Meloy	brian.meloy@stinson.com	Stinson, Leonard, Street LLP	150 S 5th St Ste 2300 Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_12-961_Official List
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_12-961_Official List
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206 St. Paul, MN 551011667	Electronic Service	Yes	OFF_SL_12-961_Official List
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_12-961_Official List
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	Ste 122 9100 W Bloomington Frwy Bloomington, MN 55431	Electronic Service	Yes	OFF_SL_12-961_Official List
Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	OFF_SL_12-961_Official List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ron	Spangler, Jr.	rlspangler@otpc.com	Otter Tail Power Company	215 So. Cascade St. PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_12-961_Official List
Byron E.	Starns	byron.starns@stinson.com	Stinson Leonard Street LLP	150 South 5th Street Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
James M.	Strommen	jstrommen@kennedy- graven.com	Kennedy & Graven, Chartered	470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_12-961_Official List
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_12-961_Official List
SaGonna	Thompson	Regulatory.records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_12-961_Official List
Lisa	Veith	lisa.veith@ci.stpaul.mn.us	City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Electronic Service	No	OFF_SL_12-961_Official List
Scott M.	Wilensky	scott.wilensky@xcelenergy. com	Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_12-961_Official List
Cam	Winton	cwinton@mncchamber.com	Minnesota Chamber of Commerce	400 Robert Street North Suite 1500 St. Paul, Minnesota 55101	Electronic Service	No	OFF_SL_12-961_Official List
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_12-961_Official List