Interconnection of Distributed Generation –
Net Metering (Excluding Solar*Rewards)

DATE: August 17, 2015

Enclosed is a copy of Xcel Energy's "APPLICATION FOR INTERCONNECTION AND PARALLEL OPERATION OF DISTRIBUTED GENERATION WITH THE UTILITY SYSTEM" and also the "RULES AND REGULATIONS APPLICABLE TO COGENERATION AND SMALL POWER PRODUCTION FACILITIES."

These documents contain the minimum requirements for interconnection of distributed generators to the Xcel Energy electric distribution system. The general sections and Agreement found on Sheets 10 – 12 are applicable for systems of less than 40KW for customers with non-time of day retail rates and systems 100 kW or less for all other customer rates. This information is applicable for interconnection requests under the attached Tariff Section 9, excluding Solar*Rewards programs.

Information on other interconnection programs and incentive payments under MN Renewable Energy Programs can be found online: http://www.xcelenergy.com/solar

Please complete the Application and the required supporting information and return to:

Xcel Energy
Attn: Bode Falade
5309 West 70th St
Edina, MN 55435
NSPMNDGEng@xcelenergy.com

Xcel Energy's Application review process is as follows:

1. **Application (by Applicant)** – Completed generation interconnection application and payment of fee, if applicable, is submitted to Xcel Energy

Interconnection Type	Application Fee
All Extended Parallel, <=20 kW:	$100
Extended Parallel, Non Exporting, >20 kW & <100 kW	$250
Extended Parallel, Pre-Certified, >20 kW & < 100 kW	$500
Extended Parallel, Non-Certified, >20 kW & < 100 kW	$1000

Note: For the Application Fees chart above, the kW size is total maximum AC Nameplate Capacity of generation system

2. **Review of Application (by Xcel Energy)** – Within 15 business days of completed application submittal, applicant will receive notification of a) Preliminary approval or rejection of generation interconnection request; b) interconnection agreement status; c) cost estimates and schedule for Xcel Energy work, if required. Applicant will be required to pay for any Xcel Energy system mitigations required prior to interconnection.
3. **Final Go – No Go decision (by Applicant) –** Within 30 Days of Application approval, applicant shall indicate whether or not they want to proceed with interconnection. Payment for Xcel Energy work is required at this time. A Statement of Work (SOW) with the scope of work and associated costs will be provided to Applicant.

4. **Order Equipment and Construction, if required (by Xcel Energy / Applicant)** – Equipment is ordered and construction completed for any system modifications required.
5. **Final Tests (By Applicant)** – Final testing is performed and witness test report is signed by Applicant and provided to Xcel Energy. Witness testing may be waived by Xcel Energy for small certified systems in some cases.
6. **Final Approval (By Xcel Energy)** – Upon completion of acceptance testing, Xcel Energy shall provide approval for normal operation of generation system

Note: The tariffed interconnection process and timelines can be found Sheets 92-100 of the MPUC Section 10 Tariff

Please note that compliance with IEEE 1547 is required for all distributed generation systems. Inverter based systems shall meet the requirements of UL1741. Customer's generation system shall also comply with the "*Distributed Generation Interconnection Requirements*", which are described in the Section 10 Rate Book beginning on Sheet 135.

In order to aid with the time required to review your application, please include the following information with your application. Each of these items is required for approval prior to final approval for connecting your system in parallel operation with the Xcel Energy system.

- Application Form (2 pages), signed by customer.
- Interconnection Agreement (Sheets 10-12), signed by customer.
- A **One-Line** diagram, or single line circuit diagram, showing the proposed system configuration. The following information is required on the one-line diagram:
    - Customer name, installation address, installer name, and contact info.
    - Main service meter and main service panel
    - Production meter, if applicable, and note ownership.
    - Visible, lockable AC disconnect for Utility use.
    - All Switches, Breakers, fuses, Junction boxes, Combiner boxes, protective devices, etc. in the electrical circuit from the main service meter to the generation system.
    - Generator system (PV Panels, wind turbine, etc)
    - Clearly provide electrical ratings of the above equipment. (Volts, Amps, # phases, kW, etc.)
    - Clearly note if the Inverter(s) are UL1741 certified.
    - Indicate both new and existing generation systems, noting any Xcel Energy programs existing systems were installed under, if applicable.
- **Site Plan** or location plan identifying location of equipment noted on the one-line diagram, in addition to the below details.
    - Customer name, installation address, installer name, and contact info.
    - Building, streets, and nautical direction
    - Additional detail or plan views may be required to clearly show location of meters, main service, and AC disconnect. (i.e. interior or exterior wall, etc.)
    - Note distance between equipment. The AC Disconnect should be readily accessible to utility personnel and located within 10' of the main service meter.
    - Include location of new and existing systems.
- **Label Details**
    - Labels shall be weatherproof, durable and permanently mounted.
    - Demonstrate compliance with NEC
    - Include label on Main Service Meter, "Generation System Connected", or similar.
    - Include label on AC utility disconnect "Utility AC Disconnect"

- **Test procedure** that will be used to verify anti-islanding protection and operation of the system shall be submitted to Xcel Energy for approval. The system shall not energize the Xcel Energy system upon loss of Utility source.
- **Proof of Insurance** per the Interconnection Agreement.

If you have additional questions, please feel free to contact me at your convenience.

Bode Falade
Area Engineering
NSPMNDGEng@xcelenergy.com

APPLICATION FOR INTERCONNECTION AND PARALLEL OPERATION OF DISTRIBUTED GENERATION WITH THE UTILITY SYSTEM

Less than 100 kW

Return Completed Application to:

Xcel Energy
attn: Bode Falade
5309 West 70th St
Edina, MN 55435

Customer's Name: _____

Mailing Address: _____

City, State, Zip: _____

Contact Person: _____

Telephone/Cell Number: _____/_____

Service Point Address: _____

City, State, Zip: _____

Account #: _____ Premise #:_____ Meter SN:_____

Email: _____

Information Prepared and Submitted By: _____

(Name and Address) _____

_____

Date: _____

Signature: _____

The following information shall be supplied by the Customer or Customer's designated representative. All applicable items must be accurately completed in order that the Customer's generating facilities may be effectively evaluated by Xcel Energy for interconnection with the utility system.

GENERATOR INFORMATION:

Number of Units: _____

Manufacturer: _____

Type (Synchronous, Induction, or Inverter): _____

Fuel Source Type (Solar, Natural Gas, Wind, etc.): _____

Total Kilowatt Rating (AC/DC) (95 F at location) _____

Kilovolt-Ampere Rating (AC/DC) (95 F at location): _____

Power Factor: _____

Voltage Rating: _____

Ampere Rating: _____

Number of Phases: _____

Frequency: _____

Do you plan to export power: ☐ Yes / ☐ No

If Yes, maximum amount expected: _____

Pre-Certification Label or Type Number: _____

Inverter UL Certification #: _____

Expected Energizing and Start-up Date: _____

Normal Operation of Interconnection: (examples: provide power to meet base load, demand management, standby, back-up, other (please describe))_____

One-line diagram attached: ☐ Yes

Has the generator Manufacturer supplied its dynamic modeling values to the Host Utility? ☐ Yes
[Note: Requires a Yes for complete application. For Pre-Certified Equipment, answer is *Yes*.]

Layout sketch showing lockable, "visible" disconnect device: ☐ Yes

QUALIFYING FACILITY (QF). A qualifying facility is a cogeneration or small power production facility which satisfies the conditions in 18 Code of Federal Regulations, Section 292.101(b)(1) (1981), as applied when interpreted in accordance with the amendments to 18 Code of Federal Regulations, Sections 292.201-292.207 adopted through 46 Federal Register 33025-33027 (1981).

SMALL QUALIFYING FACILITY (SQF). A small qualifying facility is a qualifying facility with certified capacity of 100 kW or less.

METERING CHARGE. The monthly metering charge recovers the cost and installation of the additional meter and the associated billing, operating, and maintenance expenses.

NET ENERGY BILLING SERVICE. Customers electing Net Energy Billing Service shall be billed under the appropriate retail rate only for that amount of energy used by customer which exceeds the energy delivered by the SQF to Company at the same site during the same billing period. Any energy delivered by the SQF to Company in excess of that received by SQF from Company during the same billing period at the same site shall be compensated according to Net Energy Billing Service.

FIRM POWER. Firm power is energy delivered by a QF to the utility with at least 65% on peak capacity factor in the billing period. The capacity factor is based upon a QF's maximum on peak metered capacity delivered to the utility during the billing period.

NET INTERCONNECTION CHARGE. The net interconnection charge will be assessed on a non-refundable basis to recover the Company's reasonable costs of connection, switching, transmission, distribution, safety provisions, and administrative costs that are directly related to installing and maintaining the physical facilities necessary to permit interconnected operations with a QF in excess of the facilities and expenses recovered in the monthly metering charge.

ON PEAK PERIOD. The on peak period contains all hours between 9:00 a.m. and 9:00 p.m., Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday.

OFF PEAK PERIOD. The off peak period contains all other hours not included in the on peak period. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

NET ENERGY BILLING SERVICE Section No. 9
RATE CODE A50 19th Revised Sheet No. 2

AVAILABILITY
Available to any small qualifying facility (SQF) of less than 40 kW capacity who receives non-time of day retail electric service from Company and offsets energy delivered by Company.

RATE
Metering Charge per Month

Single Phase	$3.15
Three Phase	$6.40

Payment per kWh for Energy Delivered to Company in Excess of Energy Used	Oct-May	Jun-Sep
With Retail Non-Demand Metered Service	$0.11223	$0.11643
With Retail Demand Metered Service	$0.06700	$0.06622

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TERMS AND CONDITIONS OF SERVICE

1. Energy used by customer in excess of energy delivered by the SQF at the same site during the same billing period shall be billed in accordance with the appropriate non-time of day retail electric rate.

   For demand metered General Service customers, the entire kW demand supplied by the Company at the same site during the same billing period shall be billed to the customer according to the appropriate general service demand charge rate.

2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the SQF. The net interconnection charge is the responsibility of the SQF.

3. The voltage and phase of customer's generator must be consistent with existing service and approved by the Company.

4. The customer must maintain a power factor of the generator as close to unity as is consistent with Company operating standards.

PURCHASE AND SALE BILLING SERVICE Section No. 9
RATE CODE A51 19th Revised Sheet No. 3

AVAILABILITY
Available to any small qualifying facility (SQF) of less than 40 kW capacity who receives non-time of day retail electric service.

RATE
Metering Charge per Month

Single Phase	$5.50
Three Phase	$8.00

Payment Schedule for Energy Delivered to Company	Oct-May	Jun-Sep	
Energy Payment per kWh	$0.03270	$0.03487	R
Capacity Payment for Firm Power per kWh	$0.00283	$0.01506	R

DETERMINATION OF FIRM POWER
The SQF will have supplied firm power if during the billing period an on peak capacity factor of at least 65% was achieved. The calculation of the on peak capacity factor will be as follows: the average on peak period metered capacity delivered to the Company for the on peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE
1. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the SQF. The net interconnection charge is the responsibility of the SQF.

2. The voltage and phase of customer's generator must be consistent with existing service and approved by the Company.

3. The customer must maintain a power factor of the generator as close to unity as is consistent with Company operating standards.

TIME OF DAY PURCHASE SERVICE Section No. 9
RATE CODE A52 18th Revised Sheet No. 4

AVAILABILITY
Available to any qualifying facility (QF) of 100 kW capacity or less, and available to QF's with capacity of more than 100 kW if firm power is provided.

RATE
Metering Charge per Month

Single Phase	$5.50
Three Phase	$8.00

Payment Schedule for Energy Delivered to Company	Oct-May	Jun-Sep	
On Peak Energy Payment per kWh	$0.04162	$0.05281	R
Off Peak Energy Payment per kWh	$0.02798	$0.02500	R
Capacity Payment for Firm Power per On Peak kWh	$0.00815	$0.04315	R

DETERMINATION OF FIRM POWER
The QF will have supplied firm power if during the billing period an on peak capacity factor of at least 65% was achieved. The calculation of the on peak capacity factor will be as follows: the average on peak period metered capacity delivered to the Company for the on peak period of the billing period divided by the greatest 15 minute metered capacity delivered for the on peak period of the same billing period expressed in percent and rounded to the nearest whole percent. If the percent calculated is 65 or greater, capacity payment will be made. If the percent calculated is less than 65, capacity payment will not be made.

TERMS AND CONDITIONS OF SERVICE
1. Electric service provided by Company to customer at the same site shall be billed in accordance with the appropriate time of day retail electric rate.

2. Interconnection charges will be assessed by the Company on an individual basis for all costs associated with addition to or modification of Company facilities to accommodate the QF. The net interconnection charge is the responsibility of the QF.

3. The voltage and phase of customer's generator must be consistent with existing service and approved by the Company.

4. The customer must maintain a power factor of the generator as close to unity as is consistent with Company operating standards.

FACILITY LOCATION AND COMPLIANCE

Customer agrees to locate the qualifying facility (QF) so as to not cause a hazard to the Company distribution system. Wind generators may only be installed at Company approved locations that preclude any possibility of the generation system contacting any Company facilities if the system accidentally topples over. The total tower height, including the propeller when in the highest position, must be used in the determination. Customer agrees that the installation shall be in compliance with all applicable electric codes and the QF will be operated only after the installation has been inspected and approved by the appropriate authorities. Customer understands and agrees that Company approval of the proposed or installed QF does not preclude the necessity of customer obtaining all required permits, building and zoning variations, and applicable inspections.

TECHNICAL INTERCONNECTION REQUIREMENTS

Customer's QF shall comply with the "*Distributed Generation Interconnection Requirements,*" which are described in the *"Distributed Generation Standard Interconnection and Power Purchase Tariff,"* Section 10, of this Rate Book. These interconnection requirements are the technical standards authorized by the Minnesota Public Utilities Commission and are consistent with the Commission's Rules, Chapter 7835 on Cogeneration and Small Power Production.

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CONNECTION AND SAFETY DISCONNECT SWITCH

Company agrees to permit customer to connect the proposed QF to the Company distribution system on the load side of customer's meter. The connection must be made through a customer provided, customer installed, National Electrical Manufacturer's Association approved, manual safety disconnect switch of adequate ampere capacity. The switch shall not open the neutral when the switch is open. This switch shall have provisions for being padlocked in the open position with a standard Company padlock. Customer agrees to locate the switch in a position accessible to Company personnel, and further agrees that the switch may be operated by Company personnel at all times that such operation is deemed necessary by Company for safety and operating reasons. QF's using line commutated synchronous inverters shall have the inverters connected on the load side (QF side) of the safety disconnect switch.

DISTRIBUTION SYSTEM ADEQUACY

The proposed QF installation will be reviewed by Company to determine adequacy of the associated Company distribution system components. The customer agrees to reimburse Company for the addition, modification, or replacement of any distribution system components made necessary by customer's QF installation.

INTERFERENCE

Customer agrees to disconnect the QF from the Company distribution system or to reimburse Company for cost of necessary system modifications if operation of the QF causes radio, television, or electrical service interference to other customers, or interference with the operation of Company's system.

SPECIAL METERING

Customer agrees to allow Company at Company's expense to install necessary special metering and measuring equipment at the above address to provide information on the effect of the QF.

(Continued on Sheet No. 9-6)

PROVISION TO SELECT METERING
Customer to choose one of the following:

1. Detenting of Meter for Parallel Operation With No Sale to Company
   Because customer does not intend to sell energy to Company, the billing of customer's electrical consumption provided by Company will be on the available retail rates and the electric meter measuring this consumption will at this time be detented to allow measurement only of energy flow into the customer's premises. Customer will provide all meter socket replacement and rewiring required to accommodate a detented meter.

2. Metering for Parallel Operation With Sale or Wheelage of Excess or All or a Part of Customer Produced Energy
   Two meters will be installed in series. One meter will record energy delivered by Company. The second meter will record energy delivered by customer. Customer will provide all meter socket replacement and rewiring required to install these meters.

REVENUE LOSS
Company shall not be liable for revenue lost by customer due to Company's inability to purchase or wheel customer generated energy for any reason not within Company's reasonable control.

LIGHTNING PROTECTION
Customer agrees to effectively ground the QF installation and to provide and install adequate surge arrester protection to prevent lightning damage to any Company distribution system equipment.

BACKFEED PREVENTION
Customer agrees to supply Company a schematic diagram and associated equipment list for the QF control circuitry to enable Company to determine if the QF safety equipment provides a level of safety consistent with the safety level required by Company in its electrical equipment. If further analysis of the proposed QF by Company reveals that it is capable of backfeed into the Company lines during distribution outages, customer shall immediately disconnect the QF from Company distribution system and shall only reconnect the QF through a customer provided, Company approved, interconnect device that will prevent backfeed.

ADDITIONAL SAFETY DEVICES
Customer understands and agrees that as additional QF's are connected to the Company distribution system, Company may require customer to install additional safety devices at customer expense.

(Continued on Sheet No. 9-7)

KIND OF CUSTOMER SERVICE SUPPLIED TO COMPANY

Customer agrees to supply and Company agrees to accept electric service in the form of _____ phase, _____ wire, alternating current at a nominal frequency of 60 hertz, and at a nominal voltage of _____ located at _____.

PARALLEL OPERATION

Customer shall provide the necessary equipment as approved by Company to operate the QF in parallel with Company's distribution system. The QF shall be equipped to instantaneously discontinue all output to and energization of Company's distribution system under the following conditions:

1. Deenergized Company system,
2. Sustained line faults on Company system, and
3. Faults on customer's system.

Customer shall consult with Company regarding these minimum requirements, additional protection recommended, and proper operation of customer's generating system. Since the power factor and the voltage at which Company's system and customer's system are operated will vary, each party agrees to operate his system at a power factor as near unity as possible in such manner as to absorb his share of the reactive power, and voltage as conducive to the best operating standards.

INSURANCE

The customer shall maintain during the term of this agreement liability insurance which insures customer against all claims for property damage and for personal injury or death arising out of, resulting from, or in any manner connected with the installation, operation, and maintenance of the QF. The amount of such insurance coverage shall be at least $300,000 per occurrence. Customer shall furnish a certificate from its insurance carrier showing that it has complied with the provisions of this section and providing that the insurance policy will not be changed or canceled during its term without written 90 day notice to Company.

SPECIAL LOSS FACTOR ADJUSTMENT

If the SQF is located at a site outside Company service territory and energy is delivered to Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between point of generation and point of receipt by Company.

(Continued on Sheet No. 9-8)

RULES AND REGULATIONS APPLICABLE TO COGENERATION AND SMALL POWER PRODUCTION FACILITIES (Continued)

Section No. 9
Original Sheet No. 8

SPECIAL INTERCONNECTION FACILITIES

The metering charge assumes common use of all Company facilities, up to the metering point, for both receipt and delivery of energy. Any additional facilities required by Company to accommodate the SQF will require SQF to pay a net interconnection charge in advance.

METERING REQUIREMENTS

The SQF shall make provision for on-site metering. All energy delivered and sold to Company shall be separately metered. On-site use of SQF output shall be unmetered for purposes of compensation. SQF shall cooperate with and allow Company to install and have access to on-site monitoring equipment for purposes of gathering SQF performance data.

STANDARD CONTRACT AND AGREEMENT FORMS

Listed below are the titles of standard contract or service agreement forms Company requires of customers for cogeneration and small power production purchase services. Copies of the forms are shown on the following sheets in the order listed.

1. Uniform Statewide Contract for Cogeneration and Small Power Production Facilities

UNIFORM STATEWIDE CONTRACT FOR COGENERATION AND SMALL POWER PRODUCTION FACILITIES

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THIS CONTRACT is entered into _____ , _____ , by Northern States Power Company, a Minnesota corporation and wholly owned subsidiary of Xcel Energy Inc., (hereafter called "Utility") and _____ (hereafter called "QF").

RECITALS

The QF has installed electric generating facilities, consisting of _____ (Description of facilities), rated at less than 40 kilowatts of electricity, on property located at _____ _____ .

The QF is prepared to generate electricity in parallel with the Utility.

The QF's electric generating facilities meet the requirements of the Minnesota Public Utilities Commission (hereafter called “Commission”) rules on Cogeneration and Small Power Production and any technical standards for interconnection the Utility has established that are authorized by those rules.

The Utility is obligated under federal and Minnesota law to interconnect with the QF and to purchase electricity offered for sale by the QF.

A contract between the QF and the Utility is required by the Commission's rules.

AGREEMENTS

The QF and the Utility agree:

1. The Utility will sell electricity to the QF under the rate schedule in force for the class of customer to which the QF belongs.

2. The Utility will buy electricity from the QF under the current rate schedule filed with the Commission. The QF has elected the rate schedule category hereinafter indicated (select one):

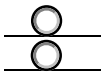
_____ a. Net energy billing rate under part 7835.3300.
_____ b. Simultaneous purchase and sale billing rate under part 7835.3400.
_____ c. Time of day purchase rates under part 7835.3500.

A copy of the presently filed rate schedule is attached to this contract.

(Continued on Sheet No. 9-11)

3. The rates for sales and purchases of electricity may change over the time this contract is in force, due to actions of the Utility or of the Commission, and the QF and the Utility agree that sales and purchases will be made under the rates in effect each month during the time this contract is in force.

4. The Utility will compute the charges and payments for purchases and sales for each billing period. Any net credit to the QF will be made under one of the following options as chosen by the QF.



a. Credit to the QF's account with the Utility.
b. Paid by check to the QF within 15 days of the billing date.

5. The QF must operate its electric generating facilities within any rules, regulations, and policies adopted by the Utility not prohibited by the Commission's rules on Cogeneration and Small Power Production which provide reasonable technical connection and operating specifications for the QF (Northern States Power Company's Rules and Regulations Applicable to Cogeneration and Small Power Production Facilities are attached). This agreement does not waive the QF's right to bring a dispute before the Commission as authorized by Minnesota Rules, parts 7835.4800, 7835.5800, and 7835.4500, and any other provision of the Commission's rules on Cogeneration and Small Power Production authorizing Commission resolution of a dispute.

6. The Utility's rules, regulations, and policies must conform to the Commission's rules on Cogeneration and Small Power Production.

7. The QF will operate its electric generating facilities so that they conform to the national, state, and local electric and safety codes, and will be responsible for the costs of conformance.

8. The QF is responsible for the actual, reasonable costs of interconnection which are estimated to be $ _____ . The QF will pay the Utility in this way: _____ _____ .

9. The QF will give the Utility reasonable access to its property and electric generating facilities if the configuration of those facilities does not permit disconnection or testing from the Utility's side of the interconnection. If the Utility enters the QF's property, the Utility will remain responsible for its personnel.

10. The Utility may stop providing electricity to the QF during a system emergency. The Utility will not discriminate against the QF when it stops providing electricity or when it resumes providing electricity.

(Continued on Sheet No. 9-12)

11. The Utility may stop purchasing electricity from the QF when necessary for the Utility to construct, install, maintain, repair, replace, remove, investigate, or inspect any equipment or facilities within its electric system. The Utility will notify the QF before it stops purchasing electricity in this way: In writing .

12. The QF will keep in force liability insurance against personal or property damage due to the installation, interconnection, and operation of its electric generating facilities. The amount of insurance coverage will be $ _____ (the Utility may not require an amount greater than $300,000).

13. This contract becomes effective as soon as it is signed by the QF and the Utility. This contract will remain in force until either the QF or the Utility gives written notice to the other that the contract is canceled. This contract will be canceled 30 days after notice is given.

14. This contract contains all the agreements made between the QF and the Utility except that this contract shall at all times be subject to all rules and orders issued by the Public Utilities Commission or other government agency having jurisdiction over the subject matter of this contract. The QF and the Utility are not responsible for any agreements other than those stated in this contract.

THE QF AND THE UTILITY HAVE READ THIS CONTRACT AND AGREE TO BE BOUND BY ITS TERMS. AS EVIDENCE OF THEIR AGREEMENT, THEY HAVE EACH SIGNED THIS CONTRACT BELOW ON THE DATE WRITTEN AT THE BEGINNING OF THIS CONTRACT.

QF	**NORTHERN STATES POWER COMPANY, a Minnesota corporation and wholly owned subsidiary of Xcel Energy Inc.**
_____	
By _____	By _____
_____	_____
(Title)	(Title)