

Niobrara Valley Electric Membership Corp. Small Generation Interconnection Application

Date Application Received by NVEMC: _____

Application Received by: _____

___ This application is for net metered qualified generation interconnection

___ This application is for a non-net metered parallel interconnection

NOTE: The application must be received a minimum of sixty days prior to the interconnection of the generation facility to the NVEMC's distribution lines.

Section 1 – System Source Type

Methane Geothermal Solar Wind Biomass

Hydropower Other-must specify: _____

Section 2 – Customer-Generator Information

Name: _____

[REP] Account # (if applicable): _____

Address of Installation-include legal description: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____

Email Address: _____

Fax Number: _____

Section 3 –Installer Information

Company Name: _____

Company Phone: _____ Website: _____

Company Fax: _____

Company Address: _____

Installer Name: _____ Phone: _____

Email: _____

Is the installer insured or bonded? Yes No

Section 4 – Electrical Contractor Information

Company Name: _____

Company Phone: _____ Website: _____

Company Fax: _____

Company Address: _____

Electrician Name: _____ Phone: _____

Email: _____

Electrical License # _____

Is the electrical contractor insured or bonded? Yes No

Section 5 – Generation System Characteristics

Generator Characteristics

Generator technical information must be filled out completely and representative of the final as-built project design

Generator Manufacturer: _____

Manufacturer’s Model, Reference Number, Style or Type: _____

Generation capacity: _____ kW (For net metering it must be 25 kW or less at maximum continuous output and may be different than the “rated capacity”)

Projected annual kWh: _____ **Must include an explanation of the calculation method used and attach it to this application.**

Inverter Characteristics

Inverter Manufacturer _____

Inverter Model Number (meets requirements of UL 1741, IEEE 1547): _____

Nameplate Rating: _____ kW

AC Volt Output: _____ DC Volt Input: _____ Max Current Output: _____ Amps

- A one-line diagram of the generation system plan is attached to this form.
The one-line diagram of the proposed generator installation of the Member's electrical system shall include, all bus voltages, conductor properties, generating equipment, interconnection point, and location of the interconnection disconnecting device. A site plan and detail sheets/catalog cuts shall be provided with this application. A visible break and lockable disconnect is to be located within 10’ of NVEMC’s electric meter on a separate support structure.

Make and Model of visible break and lockable disconnect: _____

Proposed start-up date: _____ (must be at least 60 days following submission of this application)

I attest that the information provided is accurate and will meet all the interconnection requirements of NVEMC. If applying for net metering, I attest that I will abide by the provisions of law §70-2001- §7-2004, including acquiring a satisfactory inspection from the State Electrical Division.

Installer Signature: _____

Date: _____

Section 6 – Required Documentation/Meeting Requirement

1. This application must be completed and provided to NVEMC a minimum of sixty days prior to the member's generation being interconnected to NVEMC's distribution system.
2. The customer-generator will meet with a designated representative of NVEMC to discuss interconnection requirements including any potential additional costs that may be assessed and to assist with proper sizing of generation resource to meet the customer's load.
3. NVEMC's interconnection agreement must be signed and approved by both the customer-generator and NVEMC prior to the member's generation being attached to the cooperatives distribution system. A copy of the interconnection agreement will be provided upon receipt of this initial application.
4. Prior to the interconnection of the member's net metering installation, the member must provide written proof of inspection certification from the Nebraska State Electrical Division to the NVEMC.
5. The generation facility must meet all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, and the Underwriters Laboratories, Inc.

As the owner/controller of the small generation facility interconnect, I attest that the information on this form is correct and that I will comply with the interconnection requirements of NVEMC. If applying for net metering I will abide by the provisions of law —§70-2001-§70-2004. I further acknowledge that I may be subject to immediate disconnect of all services without advance notice or liability if the generation facility causes any electrical problem(s) with other NVEMC customers or if the facility may pose a risk to NVEMC employees, customers or the general public.

Any additional costs or requirements will be outlined as an addendum to the interconnection agreement.

Customer-Generator Signature: _____

Date: _____