

**MEMBER GENERATOR SYSTEM ADDITIONAL CAPACITY INTERCONNECTION NOTICE**

This Member-Generator System Additional Capacity Interconnection Notice is made pursuant to the terms and conditions of that certain Application and Agreement for Interconnection of Systems with Capacity of 100 kw or Less between Platte-Clay Electric Cooperative, Inc. (“Co-op”) and \_\_\_\_\_, the Member-Generator dated \_\_\_\_\_ (“Initial Agreement”). Member-Generator hereby provides notice to Co-op of Member-Generator’s request to install \_\_\_\_\_ kW of additional capacity to the existing system installed pursuant to the Initial Agreement.

**A. Member-Generator’s Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Service/Street Address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Cell Phone: \_\_\_\_\_ Emergency Contact Phone: \_\_\_\_\_

Cooperative Account No. (from Electric Bill): \_\_\_\_\_

**B. Member-Generator’s Additional System Capacity Information**

Manufacturer’s Name Plated Output: AC Power Rating: (rated) \_\_\_\_\_ kW; (max) \_\_\_\_\_ kW

Voltage: \_\_\_\_\_ Volts

System Type: Solar \_\_\_ Wind \_\_\_ Biomass \_\_\_ Fuel Cell \_\_\_ Other Renewable (describe)

\_\_\_\_\_ Service/Street Address: \_\_\_\_\_

Inverter/Interconnection Equipment Manufacturer: \_\_\_\_\_

Inverter/Interconnection Equipment Model No.: \_\_\_\_\_

Are Required Wiring Diagram, System Plans & Specifications Attached? Yes \_\_\_ No \_\_\_

Inverter/Interconnection Equipment Location (describe): \_\_\_\_\_

**C. New Combined System Total**

Total Name Plated Output: AC Power Rating: (rated) \_\_\_\_\_ kW; (max) \_\_\_\_\_ kW

Voltage: \_\_\_\_\_ Volts

Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts

Service Character: Single Phase \_\_\_ Three Phase \_\_\_

Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts

Service Character: Single Phase \_\_\_ Three Phase \_\_\_

**D. Installation Information**

County / City Permit Number (if applicable): \_\_\_\_\_

Person or Company Installing: \_\_\_\_\_

Contractor's License No. (if applicable): \_\_\_\_\_

Approximate Installation Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Cell Phone: \_\_\_\_\_ Emergency Contact Phone: \_\_\_\_\_

**E. Installation Compliance**

Qualified Professional Electrician or Engineer Who Will Inspect/Certify Installation:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**G. Pre-Construction Certification**

I, \_\_\_\_\_ (print name), the undersigned, a professional electrician or professional engineer (please circle one) do hereby certify that:

The Member-Generator's proposed additional System hardware complies with all applicable National Electrical Safety Code (NESC), National Electric Code (NEC), Institute of Electrical and Electronics Engineers (IEEE) and Underwriters Laboratories (UL) requirements for electrical equipment and their installation. As applicable to System type, these requirements include, but are not limited to, UL 1741, IEEE 9292000, and IEEE 1547-2003. The proposed installation complies with all applicable state regulations, local electrical codes and all reasonable safety requirements of Cooperative.

The Member-Generator's proposed System has functioning controls as specified by IEEE and UL standards, including, but not limited to control to prevent voltage flicker, DC injection, over voltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to Cooperative's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when Cooperative's electric system is not energized or operating normally. If the proposed System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed System includes a parallel blocking scheme for this backup source that prevents any backflow of power to Cooperative's electrical system when the electrical system is not energized or not operating normally.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

License # \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Issued by: \_\_\_\_\_

**H. Post-Construction Certification**

I, \_\_\_\_\_ (print name), the undersigned, a professional electrician or professional engineer (please circle one) do hereby certify that the additions to the Member-Generator's System referenced herein and now fully constructed satisfies all requirements noted in Section G, as set forth above.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

License # \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Issued by: \_\_\_\_\_

**I. This Application is approved by:**

Platte-Clay Electric Cooperative Representative Name and Title (print):

\_\_\_\_\_

Signature of Cooperative Representative:

\_\_\_\_\_

Date: \_\_\_\_\_