

# La Plata Electric Association, Inc.

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## Interconnection / Net Metering Application for Qualifying Facilities

Application ID#: \_\_\_\_\_ kW

### System Owner Information

This application is required to request the interconnection (grid inter-tie) of a qualifying facility to La Plata Electric Association, Inc. electrical distribution system. This application is specifically intended for net-metering of a qualifying facility at the member's service location.

Name: \_\_\_\_\_ Gate Combo: \_\_\_\_\_

LPEA Account #: \_\_\_\_\_ LPEA Meter #: \_\_\_\_\_

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

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

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

Email: \_\_\_\_\_ Phone #: \_\_\_\_\_

Service Size (Amps): \_\_\_\_\_ Transformer Size KVA: \_\_\_\_\_

Member Secondary: \_\_\_\_\_ LPEA Service Wire Size: \_\_\_\_\_

### Interconnection System Owner Acknowledgement

- All interconnect applications submitted to LPEA must be accompanied by the required documentation:
  - Interconnection/Net Metering Application, One Line Diagram & Site Plan
- Qualifying Facility must consist of UL listed equipment that is commercially available and factory new when installed.
- A member's renewable generation is expected not to exceed 120% of their average yearly consumption.
- LPEA requires an accessible disconnect device that is visibly marked "Generation Disconnect" and has the capability of isolating the energy generated by each QF.
- A production meter is required on ALL interconnect projects.
- For Residential 10kW or smaller, the minimum requirement for Homeowners Insurance showing Personal Liability of \$300,000. Applicants must provide a copy of insurance upon completion.
- For Commercial or systems greater than 10 kW to 500kW, the minimum requirement for Property Insurance showing personal liability of \$1,000,000. Applicants must provide a copy of insurance upon completion.
- For QF's with a design capacity greater than 25kW, the QF must submit a statement from a registered Professional Electrical Engineer currently licensed in the state of CO certifying that the design of the QF and its interconnection equipment complies with LPEA's requirements and with reasonable interconnection safety and design standards and prudent electrical practices.
- Renewable Energy Credit (REC) Contract for solar greater than 10kW or for any size wind, hydro, biomass or heat recovery, the generation system is required to have a separate meter or metering source to provide "Actual Production" of the system on a monthly basis.
- In order to facilitate net metering of the renewable system a LPEA AMI meter is required.

**Systems shall NOT be energized, except for testing purposes, until the state electrical inspection and LPEA's final inspection has occurred.**

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I have read and agree to abide by the Interconnection Standards for Cogenerators and Small Power Producers, thus, if this generation system causes the power quality to fall outside of LPEA parameters, LPEA has the right to disconnect my electrical service. I will provide LPEA with the Certificate of Completion when the Qualifying Facility has been installed. LPEA has the right to enforce curtailment for reliability, economic, safety or any other reason deemed appropriate for system operation reasons.

\_\_\_\_\_  
Signature: (System Owner)

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

### System Information

Estimated Install Date: \_\_\_\_\_

DC Nameplate kW Capacity: **Solar:** \_\_\_\_\_ **Hydro:** \_\_\_\_\_ **Wind:** \_\_\_\_\_ **Other:** \_\_\_\_\_

Adding to an existing RG system: YES  NO

Identify system size: Original \_\_\_\_\_ kW + Additional \_\_\_\_\_ kW = Total \_\_\_\_\_ kW

Inverter Manufacturer & Model: \_\_\_\_\_

Inverter Physical Location: \_\_\_\_\_

Single Phase  Three Phase  Battery Bank: YES  NO

Battery Bank Size: \_\_\_\_\_ Battery Bank Location: \_\_\_\_\_

Estimated Monthly Dollar Savings Based on Standard Rate: \$ \_\_\_\_\_

### System Installer Information & QF Design Data Requirements

Installer: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

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

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

Email: \_\_\_\_\_

Checklist (Documents included with Interconnection Application for review):

- One-line Diagram of RG System
- Site Plan
- Accessible Disconnect
- Production Meter or Data Source

-Identify Source: \_\_\_\_\_

\_\_\_\_\_  
Signature: (System Installer)

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

## LPEA Engineering Approval

RG System Approved

Service Upgrade Plan for RG System (if applicable): \_\_\_\_\_

The above mentioned Qualifying Facility is approved for installation and interconnection, contingent upon abiding by the Interconnection Standards for Cogenerators and Small Power Producers, providing the Certificate of Completion, State Electrical Inspection, LPEA Final Inspection and the installation of a net meter (when necessary).

\_\_\_\_\_  
Signature: (LPEA Representative)

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