
Application for Electrical Interconnection
Certified Inverter-Based Generating Facility - Level 1 Interconnection Review
(For Generating Facilities with Electric Nameplate Capacities no Larger than 25kW)

Instructions

An Interconnection Customer who requests a Utah Public Service Commission jurisdictional interconnection must submit this Interconnection Request by hand delivery, mail, or delivery service to the public utility, PacifiCorp, d/b/a Rocky Mountain Power. This application is available only for inverter-based Generating Facilities no larger than 25 kW that meet the codes, standards, and certification requirements of Utah Administrative Code Rule R746-312-5. The Interconnection Customer is to complete all fields of this application form to the extent that such requested information is applicable to the proposed Generating Facility. If questions exist about the applicability of the requested information or assistance is needed, please contact the designated contact person identified below:

Designated Contact Person: Laura Raypush
Address: 825 NE Multnomah, Suite 1600, Portland, OR 97232
Telephone Number: 503-813-7040
Facsimile Number: 503-813-6893
E-Mail Address: laura.raypush@pacificorp.com

Processing Fee

There is no processing fee required with this application.

Legal Name of the Customer (or, if an individual, individual's name):

Name: _____
Contact Person: _____
Mailing Address: _____
Physical Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____
E-Mail Address: _____

Address of Customer Facility Where Proposed Generating Facility will be Interconnected:

Street Address: _____
City: _____ State: _____ Zip Code: _____

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System Installer/Consulting Engineer:

Name: _____

Contact Person: _____

Mailing Address: _____

Physical Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____

E-Mail Address: _____

Electric Service Information for Applicant's Facility where Generator Will be Interconnected:

Will the Generating Facility be used for any of the following?

To Supply Power to the Interconnection Customer? Yes No
To Supply Power to Others? Yes No

For installations at locations with existing electric service to which the proposed Generating Facility will interconnect, provide:

(Local Electric Service Provider)

(Existing Account Number)

Existing Type of Service: Single Phase Three Phase

Requested Point of Interconnection: _____

Interconnection Customer's Requested Installation Date: _____

Interconnection Customer's Requested In-Service Date: _____

Is Facility going to be a Qualified Facility ("QF")? Yes No
If yes, has Applicant completed FERC "Notice of Self Certification"? Yes No

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Generating Facility Information:

Energy Source: Solar Wind Hydro
 Diesel Natural Gas Fuel Oil
 Biomass Other _____

Prime Mover: Fuel Cell Reciprocating Engine Gas Turbine
 Steam Turbine Microturbine PV
 Other _____

Type of Generator: Synchronous Induction Inverter

Generator Nameplate Rating: _____ kW (Typical) Generator Nameplate kVAr: _____

Interconnection Customer or Customer-Site Load: _____ kW (if none, so state)

Typical Reactive Load (if known): _____

Maximum Physical Export Capability Requested: _____ kW

Proposed Generating Facility Characteristic Data (for inverter-based machines):

Manufacturer: _____ Model: _____

Type: Forced Commutated Line Commutated

Electric Nameplate Capacity Rated Output: _____ Amps _____ Volts _____ kW

Efficiency: _____% Power Factor: _____%

Max design fault contribution current: _____ Instantaneous RMS

Harmonics characteristics: _____

Start-up requirements: _____

Is the equipment UL1741 Listed? Yes No

 If Yes, attach manufacturer's cut-sheet showing UL1741 listing

List components of the Small Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____

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- 2. _____
- 3. _____
- 4. _____
- 5. _____

Interconnection Customer Transformer Data (please provide information for all transformers, attach separate sheet if necessary):

Will a transformer be used between the generator and the point of common coupling?

Yes No

Is the transformer: single phase three phase

Size: _____ kVA

Transformer Impedance: _____% on _____ kVA Base

Transformer Primary: _____ Volts Delta Wye Wye Grounded

Transformer Secondary: _____ Volts Delta Wye Wye Grounded

Transformer Tertiary: _____ Volts Delta Wye Wye Grounded

Transformer Fuse Data (if applicable, for Interconnection Customer-Owned Fuse):

(Attach copy of fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves)

Manufacturer: _____ Type: _____ Size: _____

Speed: _____

Interconnecting Circuit Breaker (if applicable):

Manufacturer: _____ Type: _____

Load Rating (Amps): _____ Interrupting Rating (Amps): _____

Trip Speed (Cycles): _____

Other Facility Information:

Enclose copy of site electrical one-line diagram showing the configuration of total proposed Generating Facility equipment, current and potential circuits, and protection and control schemes. Please include system impedance and distance for all segments of the generating facility.

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One Line Diagram attached: Yes No

Enclose copy of any site documentation that indicates the precise physical location of the proposed Generating Facility (e.g., USGS topographic map, distance from public utility facility number, other diagram or documentation).

Plot Plan attached: Yes No

Enclose copy of any documents that provide proof of site control.

Site Control attached: Yes No

Applicant Signature:

I hereby certify that all of the information provided in this application request form is correct.

Applicant Signature: _____

Name: _____

Title: _____ Date: _____