

# Town of Thatcher

## Application for Operation of Customer-Owned Distributed Generation

**This application should be completed as soon as possible and returned to the Thatcher Customer Service representative in order to begin processing the request. See Distributed Generation Customer Guidelines for additional information.**

INFORMATION: *This application is used by Thatcher to determine the required equipment configuration for the Customer interface. Every effort should be made to supply as much information as possible.*

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### PART 1 OWNER/APPLICANT INFORMATION

Customer: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

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### PROJECT DESIGN/ENGINEERING (ARCHITECT) (as applicable)

Company: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

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### ELECTRICAL CONTRACTOR (as applicable)

Company: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

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### ESTIMATED LOAD, GENERATOR RATING AND MODE OF OPERATION INFORMATION

The following information will be used to help properly design the THATCHER customer interconnection. This information is not intended as a commitment or contract for billing purposes. ***Distributed Generation shall not exceed 125% of the customer's total connected load at the site where the Distributed Generation is located.***

Total Site Load \_\_\_\_\_ (kW)  
Generator Rating \_\_\_\_\_ (kW)                      Annual Estimated Generation \_\_\_\_\_ (kWh)

**Mode of Operation**

Isolated \_\_\_\_\_

Interconnected Power Export \_\_\_\_\_

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**DESCRIPTION OF PROPOSED INSTALLATION AND OPERATION**

Give a general description of the proposed installation, including a detailed description of its planned location and when you plan to operate the generator.

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\_\_\_\_\_

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**PART 2**

(Complete all applicable items. Copy this page as required for additional generators)

**INVERTER DATA** (if applicable)

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_  
Rated Power Factor (%): \_\_\_\_\_ Rated Voltage (Volts): \_\_\_\_\_ Rated Amperes: \_\_\_\_\_  
Inverter Type (ferroresonant, step, pulse-width modulation, etc): \_\_\_\_\_

Type commutation: forced line  
Harmonic Distortion: Maximum Single Harmonic (%) \_\_\_\_\_  
Maximum Total Harmonic (%) \_\_\_\_\_

Note: Attach all available calculations, test reports, and oscillograph prints showing inverter output voltage and current waveforms.

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**ADDITIONAL INFORMATION**

*In addition to the items listed above, please attach a detailed one-line diagram of the proposed facility, all applicable elementary diagrams, major equipment, (generators, transformers, inverters, circuit breakers, protective relays, etc.) specifications, test reports, etc., and any other applicable drawings or documents necessary for the proper design of the interconnection.*

**END OF PART 2**  
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**SIGN OFF AREA**

The customer agrees to provide Thatcher with any additional information required to complete the interconnection. The customer shall operate his equipment within the guidelines set forth by Thatcher.

\_\_\_\_\_  
Applicant

\_\_\_\_\_  
Date

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**TOWN OF THATCHER CONTACT FOR APPLICATION SUBMISSION AND FOR  
ADDITIONAL INFORMATION:**

Thatcher contact: Rachel Nicholas  
Title: Operations Assistant  
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