

ENTERGY LOUISIANA, LLC
STANDARD INTERCONNECTION AGREEMENT FOR DISTRIBUTED GENERATION FACILITIES

INSTRUCTIONS

Enter information in the empty fields below and send this form to Entergy. **This Standard Interconnection Agreement shall be completed, submitted and approved** before the distributed generation facility is installed and connected to the Company's Distribution grid. For Questions related to this form, contact your Entergy representative or if you do not have an assigned representative contact 1-800 – Entergy.

The Customer may want to have the vendor of the equipment help fill out this application.

STANDARD INFORMATION

Section 1. Customer Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Facility Location (if different from above): _____

Daytime Phone: _____ Evening Phone: _____

Entergy Account Number (from electric bill): _____

Customer Email Address: _____

Section 2. Generator and Facility Information (Circle correct answer when possible)

Note: Attach One-line Diagram (electrical drawing of installation) with this Agreement with Location of Accessible Disconnect clearly shown

Customer Type: Residential, Commercial, Other _____ (circle one)

Is there an existing interconnected generator at this facility?

Yes description attached, No (circle one)

Number of Entergy meters on this house/building 2 or less, 3 or more (circle one)

Is electric service to your location provided from the Entergy Downtown network? Yes No (circle one)
(Distributed generation is prohibited in the Downtown Network)

Do you plan to export power? Yes, No (circle one)

Proposed aggregate generation output rating at this site (Total kW): _____

Is the unit able to run when Company electricity is unavailable? Yes, No (circle one)

Battery Backup Yes description attached, No (circle one)

For Solar Installations: Tilt Angle (°): _____ Azimuth Angle (°): _____

Inverter Size (Total kVA) _____

Number of phases at interconnection point One Phase, Three Phase (circle one)

Voltage at interconnection point 120/240 120/208 277/480 480 (circle one) or other explain

Does the unit:

- Disconnect inertia within 10 cycles of a service interruption or fault? Yes No (circle one)
- Block generator from energizing dead circuits for five minutes after most recent fault? Yes No (circle one)

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	Source of Power Generation: Solar, Wind, Hydro, Geothermal, Biomass, Fuel Cell, Micro turbine, other(circle answer or describe)	Type of Interface (Inverter, Synchronous, Induction or other(circle answer or describe)
Manufacturer:		
Model:		
Number of Units		
kW Rating (s): (95°F at location)		
Ampere Rating:	—————→	<u>Amps AC</u>
Short Circuit Current (For entire generation system)	—————→ Answer only if total units greater than 25kW	<u>Amps</u>
For battery backup or non-solar units only		At interface with utility
kVA Rating (s):(95°F at location)		
Power Factor:	—————→	

Note:

1. Include manufacturer literature describing the specific system(s).
2. If more units will be used, complete a separate attachment with the information above.

Certification

The system shall be installed in compliance with the Building/Electrical Code of that city/parish. This system meets the Entergy Standard Connecting Small Electric Generators to the Entergy Distribution System (less than 500kVA). latest edition. The interconnection protection system is tested and listed for compliance with the latest published edition of Underwriters Laboratories (UL) 1741 including the anti-islanding test. The system will be installed in compliance with IEEE 929 and or IEEE 1547 as applicable, all manufacturer specifications, the National Electric Code and all local codes. No protection settings affecting anti-islanding have been or will be adjusted or modified.

The system shall be installed in accordance with the attached one-line Diagram and the system description provided in this document. The customer has been given system warranty information, an operation manual, and shall be instructed in the operation of the system.

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I hereby certify that all of the information provided is true and correct and the generator will comply with the Interconnection Standard stated above. Customer or installer shall not commence parallel operation of the Facility until the Facility has been inspected and the approval to operate has been issued by the Company.

Signature of Installer: _____ Date: _____

Installed by: _____ Qualifications/Credentials: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Installer E-Mail address: _____

Daytime Phone: _____ Projected Installation Date: _____

Section 3. The Distributed Generation Facility

The Distributed Generation Facility (the "Facility") meets the requirements of the Louisiana Distributed Generation Rules (the "Rules").

Section 4. Governing Provisions

The parties shall be subject to the provisions of the Rules, the terms and conditions set forth in this Agreement, and the Company's applicable tariff schedules.

Section 5. Maintenance and Permits

The customer shall obtain and maintain any governmental authorizations and permits required for the construction and operation of the Facility and interconnection facilities before the facility is interconnected. The Customer shall maintain the Facility and interconnection facilities in a safe and reliable manner and in conformance with all applicable laws and regulations.

Section 6. Interconnection

Company shall furnish and install a Company-approved meter capable of registering the flow of electricity in two (2) directions. Customer shall provide and install a meter socket for the Company's meter and any related interconnection equipment per the Company's technical requirements, including safety and performance standards.

If receiving service from the Company under a residential service tariff, the Customer shall submit a Standard Interconnection Agreement to the Company at least thirty (30) business days prior to the date the Customer intends to interconnect their Facility to the Company's facilities. If the Customer receives service under a commercial service tariff, the Customer shall submit a Standard Interconnection Agreement to the Company at least forty-five (45) business days prior to the date the Customer intends to interconnect their Facility to the Company's facilities. The Standard Interconnection Agreement must be fully completed for the notification to be valid. The customer shall have all equipment necessary to complete the interconnection prior to such notification. If mailed, the date of notification shall be the third day following the mailing of the Standard Interconnection Agreement. The Customer shall be required to provide documentation indicating the date upon which the notification was mailed to the Company. The Company shall provide a copy of the Standard Interconnection Agreement to the Customer upon request.

Following notification by the Customer, the Company shall review the plans of the Facility and provide the results of its review to the Customer. Any items that would prevent the parallel operation due to violation of applicable safety standards and/or power generation limits shall be explained along with a description of the modifications necessary to remedy the violations. If the customer receives service from the Company under a residential service tariff, the Company shall utilize its best efforts to complete and provide the results of its review outlined in this paragraph within fourteen (14) days.

To prevent a distributed generation customer from back-feeding a de-energized line, the Customer shall install a Company approved manual disconnect switch with lockout capability that is accessible to Company personnel at all hours. This requirement for a Company approved manual disconnect switch with lockout capability may be waived if the following three conditions are met: 1) The inverter equipment must be designed to shut down

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or disconnect and cannot be manually overridden by the Customer upon loss of service from the Company; 2) the inverter must be warranted by the manufacturer to shut down or disconnect upon loss of service from the Company; and 3) the inverter must be properly installed and operated, and inspected and/or tested by Company personnel. The decision to grant the waiver will be at the Company's discretion, however, any decision will be subject to review by the Commission.

Customer, at his own expense, shall meet all safety and performance standards established by local and national electric codes including the National Electrical Code (NEC), the Institute of Electrical and Electronics Engineers (IEEE), the National Electrical Safety Code (NESC), and Underwriters Laboratories (UL).

Customer, at his own expense, shall meet all safety and performance standards adopted by the Company and filed with and approved by the Commission pursuant to the Rules that are necessary to assure safe and reliable operation of the Facility to the Company's system.

The Customer shall not commence parallel operation of the Facility until the Customer has been inspected and received approval to operate from the Company. Such approval shall not be unreasonably withheld or delayed. Notwithstanding the foregoing, the Company's approval to operate the Customer's Facility shall not be construed as an endorsement, confirmation, warranty, guarantee, or representation concerning the safety, operating characteristics, durability, or reliability of the Customer's Facility.

Proposed modifications or changes made to a Facility shall be evaluated by the Company prior to being made and may require the Customer to sign a new interconnection agreement. The Customer shall provide detailed information describing the modifications or changes to the Company in writing prior to making the modifications to the Facility. The Company shall review the proposed changes to the Facility and provide the results of its evaluation to the Customer within thirty (30) days of receipt of the Customer's proposal. Any items that would prevent parallel operation due to violation of applicable safety standards and/or power generation limits shall be explained along with a description of the modifications necessary to remedy the violations.

Section 7. Interruption or Reduction of Deliveries

Customer shall deliver the as-available energy to the Company at the Company's meter.

The Company shall not be obligated to accept and may require Customer to interrupt or reduce deliveries when necessary in order to construct, install, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or if it reasonably determines that curtailment, interruption, or reduction is necessary because of emergencies, forced outages, force majeure, or compliance with prudent electrical practices. Whenever possible, the Company shall give the Customer reasonable notice of the possibility that interruption or reduction of deliveries may be required.

Notwithstanding any other provision of this Agreement, if at any time the Company reasonably determines that either the Facility may endanger the Company's personnel or other persons or property, or the continued operation of the Customer's Facility may endanger the integrity or safety of the Company's electric system, or the Customer is not operating the system in compliance with the terms and conditions of this Agreement the Company shall have the right to disconnect and lock out the Customer's Facility from the Company's electric system until the Company is reasonably satisfied that the facility can operate in a safe and compliant manner.

Section 8. Access to Premises

The Company may enter the Customer's premises to inspect the Customer's protective devices and read or test the meter. The Company may disconnect the interconnection facilities without notice if the Company reasonably believes a hazardous condition exists and such immediate action is necessary to protect persons, or the Company's facilities, or property of others from damage or interference caused by the Customer's Facilities, or lack of properly operating protective devices.

Section 9. Indemnity and Liability

Each party shall indemnify the other party, its directors, officers, agents, and employees against all loss, damages expense and liability to third persons for injury to or death of persons or injury to property caused by the indemnifying party's engineering design, construction ownership or operations of, or the making of replacements, additions or betterment to, or by failure of, any of such party's works or facilities used in connection with this Agreement by reason of omission or negligence, whether active or passive. The

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indemnifying party shall, on the other party's request, defend any suit asserting a claim covered by this indemnity. The indemnifying party shall pay all costs that may be incurred by the other party in enforcing this indemnity. It is the intent of the parties hereto that, where negligence is determined to be contributory, principles of comparative negligence will be followed and each party shall bear the proportionate cost of any loss, damage, expense and liability attributable to the party's negligence.

Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to or any liability to any person not a party to this Agreement. Neither the Company, its officers, agents or employees shall be liable for any claims, demands, costs, losses, causes of action, or any other liability of any nature or kind, arising out of the engineering, design construction, ownership, maintenance or operation of, or make replacements, additions or betterment to, the Customer's Facilities by the Customer or any other person or entity.

Section 10. Notices

All written notices shall be directed as follows:

COMPANY

Attention:
Entergy Louisiana / Distributed Generation
P.O. Box 2431
Baton Rouge, LA 70821

CUSTOMER

Attention:
Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____

Customer notices to Company shall refer to the Customer's electric service account number set forth in Section 1 of this Agreement.

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Section 11. Term of Agreement

The term of this Agreement shall be the same as the term of the otherwise applicable standard rate schedule. This Agreement shall remain in effect until modified or terminated in accordance with its terms or applicable regulations or laws.

Section 12. Assignment

This Agreement and all provisions hereof shall inure to and be binding upon the respective parties hereto, their personal representatives, heirs, successors, and assigns. The Customer shall not assign this Agreement or any part hereof without the prior written consent of the Company, and such unauthorized assignment may result in termination of this Agreement.

The Customer has read and accepted the jurisdictional rates and regulations.

In cases involving Distributed Generation Facilities, the installation charge will be as follows: Residential & Commercial \$100.00 (Louisiana Rate Schedule DG). The Customer, at his own expense shall meet all safety and performance standards necessary to assure safe and reliable operations of the Facility with the utility's distribution system.

Section 13. Consent to Release Customer Specific Information

The Customer consents to permit Entergy to release Customer specific confidential Entergy account information, including this Agreement, to _____ solely for the purpose of installing/ or evaluating the feasibility of installing a Distributed Generation Facility generator for interconnection with the Entergy system. Entergy shall not disclose such information to any other party or for any other purpose than that described herein.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representatives.

Signature Customer:

Signature Company:
ENTERGY LOUISIANA, LLC

By: _____

By: _____

Title: _____

Title: _____

Date of Signature _____

Date of Signature _____

Mailing Address:

Mailing Address:
