

# Backup Generation Application

## Includes electric vehicle home backup and battery backup

*Traditional backup generation utilizing a UL1008 listed transfer switch need not apply.*

### Primary intention of backup generation

*This process is for energy storage systems operating only in isolation from the electric distribution grid. If the system you are considering will operate in parallel, you must follow the PSC 119 Interconnection Process.*

- ☐ **Backup power only** — use this form
- Energy storage systems operating in grid-isolated mode, meaning the device is not connected to the grid at the time of exporting power.
  - Traditional generation without a UL 1008 listed "break-before-make" transfer switch.

- ☐ **Parallel operation** — follow PSC 119
- Systems operating in parallel are not eligible for this process and must follow the PSC 119 Interconnection process.

### 1. Customer contact information

_____ Last name	_____ First name	_____ Middle name
_____ Company (if applicable)	_____ Representative (if applicable)	_____ Title (if applicable)
_____ Street address	_____ City	_____ State
		_____ Zip Code
_____ Primary phone number	_____ Secondary phone number	_____ Email address

### 2. Location of backup generation

☐ Existing generation onsite

☐ Same as Section 1

_____ Street address (if different)	_____ City	_____ State
		_____ Zip
_____ Primary phone number	_____ Electric service account number	_____ Meter number

### 3. Type of backup generation

#### Energy storage inverter type

- ☐ Standalone inverter
- ☐ Intergrated inverter
- ☐ Other \_\_\_\_\_

#### Energy storage device (backup only)

- ☐ Standalone battery
- ☐ Electric vehicle battery
- ☐ Traditional generator
- ☐ Other \_\_\_\_\_

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## 5. Installing contractor information (if known)

\_\_\_\_\_  
Company

\_\_\_\_\_  
Electrical contractor license number

\_\_\_\_\_  
Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Email address

\_\_\_\_\_  
Phone number

## 6. Design requirements

Refer to the Customer-Owned Backup Generation Manual for full requirements.

- ☐ Energy storage system is UL 9540 compliant.  
*UL 9540 does not apply to Electric Vehicles since they are portable.*
- ☐ Micro-grid interconnect device is UL 1741 compliant, if used in design.
- ☐ Design includes a visible break disconnect installed between energy storage and distribution system.

## 7. Required attachments

Refer to the Customer-Owned Backup Generation Manual for full requirements.

- ☐ Manufacturer specification data sheets.
- ☐ One-line diagram of the system that includes the backup generation or energy storage equipment, disconnect switch, meter(s), protection equipment and associated instrumentations.
- ☐ Site plan showing major equipment, electric meter(s), location of backup generation or energy storage and interface equipment, protection equipment, location of disconnect switch and street address.

## 8. Submitting your application

Email application and supporting documentation to your utility.

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WPS: [customergen@wisconsinpublicservice.com](mailto:customergen@wisconsinpublicservice.com)