

# Solar Photovoltaic Supplement Wisconsin Standard Distributed Generation Application Form

## APPLICANT NAME

LAST NAME FIRST NAME MIDDLE NAME

## 1. SOLAR GENERATOR AND INVERTER INFORMATION \* Attach Manufacturer specification data sheets (if necessary)

SOLAR PANEL MANUFACTURER RATED POWER PER PANEL (watts)

MODEL NUMBER NUMBER OF PANELS SYSTEMS TOTAL DC RATING AT STANDARD TEST CONDITIONS (kW)

Fixed  Single-axis tracking  Dual-axis tracking  Other

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INVERTER MANUFACTURER INVERTER MODEL NUMBER

(kW) (kVA) (voltage) min max  
INVERTER MAXIMUM NAMEPLATE AC RATING POWER FACTOR ADJUSTMENT RANGE

TOTAL NUMBER OF INVERTERS CERTIFICATIONS (e.g. UL)

### IF APPLICABLE – 2nd TYPE OF INVERTER \*Attach pages as needed to identify additional makes or models

2ND INVERTER MANUFACTURER 2ND INVERTER MODEL NUMBER

(kW) (kVA) (voltage) min max  
2ND INVERTER MAXIMUM NAMEPLATE AC RATING 2ND POWER FACTOR ADJUSTMENT RANGE

2ND TOTAL NUMBER OF INVERTERS 2ND CERTIFICATIONS (e.g. UL)

(kW) (kVA)  
SYSTEM'S TOTAL AC RATING

Are any customer loads served directly from the inverter (e.g. electric vehicle charging) If so, please list:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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## 2. GENERATION TYPE

Single Phase    Three-phase   If three-phase, specify connection configuration:    3 wire delta    2 wire wye    4 wire grounded wye

## 3. INTERCONNECTION DISCONNECT SWITCH SHORT CIRCUIT CURRENT SPECIFICATIONS

3a) Total short circuit current contribution of the generating system (at point of interconnection)

\_\_\_\_\_ Amps (single phase)   \_\_\_\_\_ Amps (three phase symmetrical)   \_\_\_\_\_ Amps (asymmetrical)

3b) Load break capability rating of disconnection device (Must be greater than or equal to #3a above)

\_\_\_\_\_ Amps (single phase)   \_\_\_\_\_ Amps (three phase symmetrical)   \_\_\_\_\_ Amps (asymmetrical)

## 4. WILL APPLICANT INSTALL A DEDICATED TRANSFORMER?

Yes    No   If yes, specify winding configuration: \_\_\_\_\_ [HV winding]   \_\_\_\_\_ [LV winding]

If Yes, provide the following and attach manufacturer specification data sheets

Rating \_\_\_\_\_ kVA   Primary Volts \_\_\_\_\_ V

Secondary Volts \_\_\_\_\_ V   Impedance \_\_\_\_\_ %

If three phase, specify connection configuration:    3 wire delta    2 wire wye    4 wire grounded wye

**5. IF PROTECTIVE EQUIPMENT IS SEPARATE FROM THE INVERTER, PROVIDE A PROTECTION AND CONTROL DIAGRAM ALONG WITH DATA SHEETS ON ALL RELATED EQUIPMENT (THIS MAY BE DETERMINED BY THE ELECTRIC SERVICE PROVIDER) IF EQUIPMENT IS KNOWN, ATTACH MANUFACTURER SPECIFICATION DATA SHEETS.**

## 6. WILL AN ENERGY STORAGE SYSTEM BE INSTALLED?

(IF SO, FILL OUT ENERGY STORAGE SUPPLEMENT AND ATTACH SPECIFICATION SHEETS)

Yes    No    If Yes, is specification sheet attached?

## 7. ANY ADDITIONAL COMMENTS?

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