

Solar Photovoltaic Supplement Wisconsin Standard Distributed Generation Application Form

APPLICANT NAME

LAST NAME

FIRST NAME

MIDDLE NAME

1. SOLAR PANELS 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 _____

TILT _____ AZIMUTH _____

INVERTER MANUFACTURER _____ INVERTER MODEL NUMBER _____

INVERTER MAXIMUM NAMEPLATE AC RATING _____ (kW) _____ (kVA) _____ (voltage) _____ min _____ max
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 _____

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

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

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

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 3-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 3-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?
