

PHOTOVOLTAIC SYSTEM NEC COMPLIANCE CHECK LIST

Ground-mounted Interactive Grid-connected System Without Battery Support

Address _____	Permit Number _____
Owner/Installer _____	Peak System Power _____

PHOTOVOLTAIC PANELS

Manufacturer _____
Model Number _____
Quantity in system _____

Nameplate Ratings (25 C):

Maximum power (Pmax) _____ Watts
Operating voltage (Vpmax) _____ Volts
Current at Vpmax (Ipmax) _____ Amperes
Open circuit voltage (Voc) _____ Volts
Short circuit current (Isc) _____ Amperes
Wire temperature rating _____ Deg. C

GRID-CONNECT INVERTERS

Manufacturer _____
Model Number _____
Quantity in system _____

Nameplate Ratings (25 C):

Continuous AC output power _____ Watts
Nominal AC output voltage _____ Volts
Max PV open circuit voltage _____ Volts

SYSTEM CONFIGURATION

PV panel string configuration _____
String current NEC Amps (156%) _____
Installed string wire size & type _____
Maximum system voltage (DC) _____ Voc corrected per NEC 690-7.
Inverter Max PV open ckt. voltage _____ In compliance with max system voltage? _____
Inverter output NEC Amps (125%) _____
Installed inverter wire size & type _____
NEC Amps output, all inverters _____
Installed wire size to utility panel _____
Utility panel bus bar rating _____
Utility panel main feed breaker _____
PV system feed breaker _____ In compliance with 120% feed limitation? _____

I certify that all terminations have been torqued in accordance with manufacturer's instructions and that the work shown on this document represents the full extent of the work performed under this permit.

Signature _____ Date _____