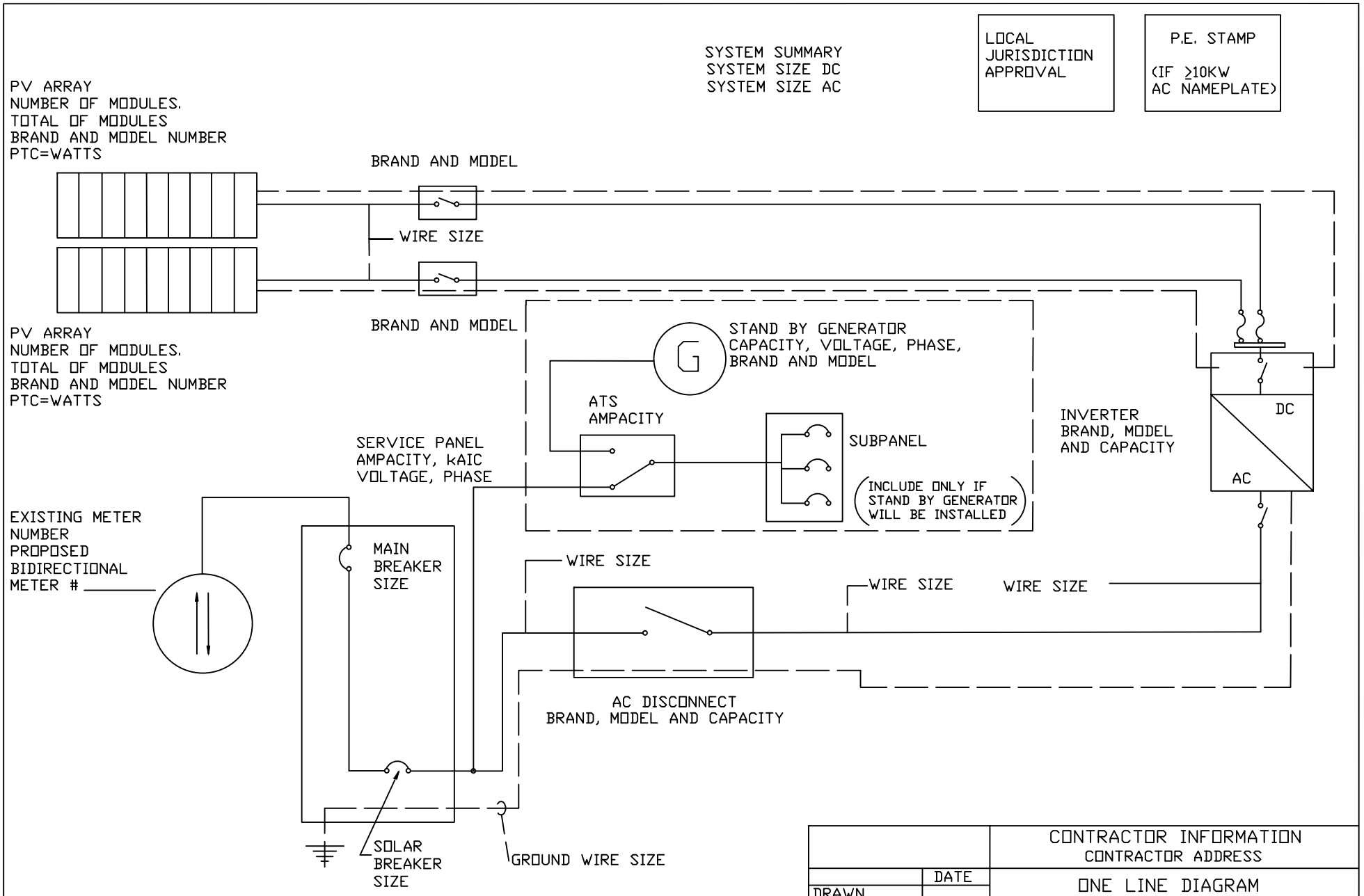
Electrical One-Line Diagram Check-Sheet Date Reviewed: _____

Please verify your one-line is ready to submit by using this check-sheet and the example one-line below.

	1	General: ☐ Diagram is legible and all text and symbols are visible (not obscuring each other). Hand-drawn drawings will not be accepted. ☐ Diagram is a one-line diagram (three-line diagrams are not accepted) ☐ The following are included on the diagram: ☐ System summary, system size DC, system size CEC-AC ☐ Drawing number ☐ Version & date ☐ Customer information, including site address ☐ Contractor information ☐ Stamped with local permit jurisdiction approval (AHJ) ☐ Electrical PE stamp (required if ≥ 10 kW) ☐ Verify the host customer & site address, and meter number are correct and match other documents.		7	Verify Service Panel: ☐ connectivity lines correctly illustrate the electrical relationships ☐ correct symbols (see example drawing below) ☐ Ampacity ☐ AIC rating ☐ Voltage ☐ Number of wires ☐ Number of phases ☐ Specify which phase(s) (if applicable) ☐ Main and Solar breaker ratings are shown
				8	Verify for line-side tap: ☐ connectivity lines correctly illustrate the electrical relationships ☐ Net Generation Output Meter (NGOM) ☐ sub-panel or junction box
	2	Verify all the electrical components are visible and properly connected to each other (must be consistent with Site-Plan and Bill of Materials (BOM)): ☐ Main and sub-panels (if applicable) ☐ inverter(s) ☐ AC disconnect ☐ IID meter ☐ IID transformer, and ☐ If applicable: switchgear, customer transformer, non-PV components ☐ Connectivity lines correctly illustrate the electrical relationships between components ☐ Wire sizes are shown (including ground wires)		9	Verify IID meter: ☐ connectivity lines correctly illustrate the electrical relationships ☐ correct bi-directional meter one-line symbol ☐ existing IID meter number and number and the text: "Proposed Bi-Directional meter _____" (see example one-line below) ☐ secondary metering PTs and CTs (if applicable) ☐ primary metering PTs and CTs (if applicable)
	3	Verify solar panel information is shown & matches Site-Plan and BOM for each array: ☐ Number of panels ☐ Total DC output of array ☐ Brand and model number ☐ CEC-AC rating (watts)		10	Verify stand-by generator (if applicable): ☐ connectivity lines correctly illustrate the electrical relationships ☐ brand and model ☐ correct symbols ☐ capacity ☐ voltage ☐ phase ☐ Automatic Transfer Switch (ATS) ampacity ☐ Manual Transfer Switch (MTS) ampacity ☐ subpanel
	4	Verify inverter(s) information is shown & matches Site-Plan and BOM: ☐ Brand and model ☐ Capacity			
	5	Verify AC Safety Disconnect info is shown & matches Site-Plan and BOM: ☐ Capacity ☐ Brand ☐ Model			
	6	Verify for load-side tap: ☐ connectivity lines correctly illustrate the electrical relationships ☐ breaker and rating shown ☐ sub-panel or junction box shown (if applicable)			


SYSTEM SUMMARY
SYSTEM SIZE DC
SYSTEM SIZE AC
LOCAL JURISDICTION APPROVAL
P.E. STAMP (IF ≥10KW AC NAMEPLATE)
PV ARRAY
NUMBER OF MODULES.
TOTAL OF MODULES
BRAND AND MODEL NUMBER
PTC=WATTS
BRAND AND MODEL
WIRE SIZE
PV ARRAY
NUMBER OF MODULES.
TOTAL OF MODULES
BRAND AND MODEL NUMBER
PTC=WATTS
BRAND AND MODEL
STAND BY GENERATOR
CAPACITY, VOLTAGE, PHASE,
BRAND AND MODEL
ATS
AMPACITY
SUBPANEL
(INCLUDE ONLY IF STAND BY GENERATOR WILL BE INSTALLED)
INVERTER
BRAND, MODEL
AND CAPACITY
DC
AC
SERVICE PANEL
AMPACITY, kAIC
VOLTAGE, PHASE
EXISTING METER
NUMBER
PROPOSED
BIDIRECTIONAL
METER #
MAIN
BREAKER
SIZE
WIRE SIZE
WIRE SIZE
WIRE SIZE
AC DISCONNECT
BRAND, MODEL AND CAPACITY
SOLAR
BREAKER
SIZE
GROUND WIRE SIZE
NOTES:
EFFECTIVE OCTOBER 08, 2013
CONTRACTOR INFORMATION
CONTRACTOR ADDRESS
DATE
DRAWN
CHECKED BY:
ONE LINE DIAGRAM
CUSTOMER NAME
CUSTOMER ADDRESS
SCALE: NTS
REV. A
SHEET 1 OF 1