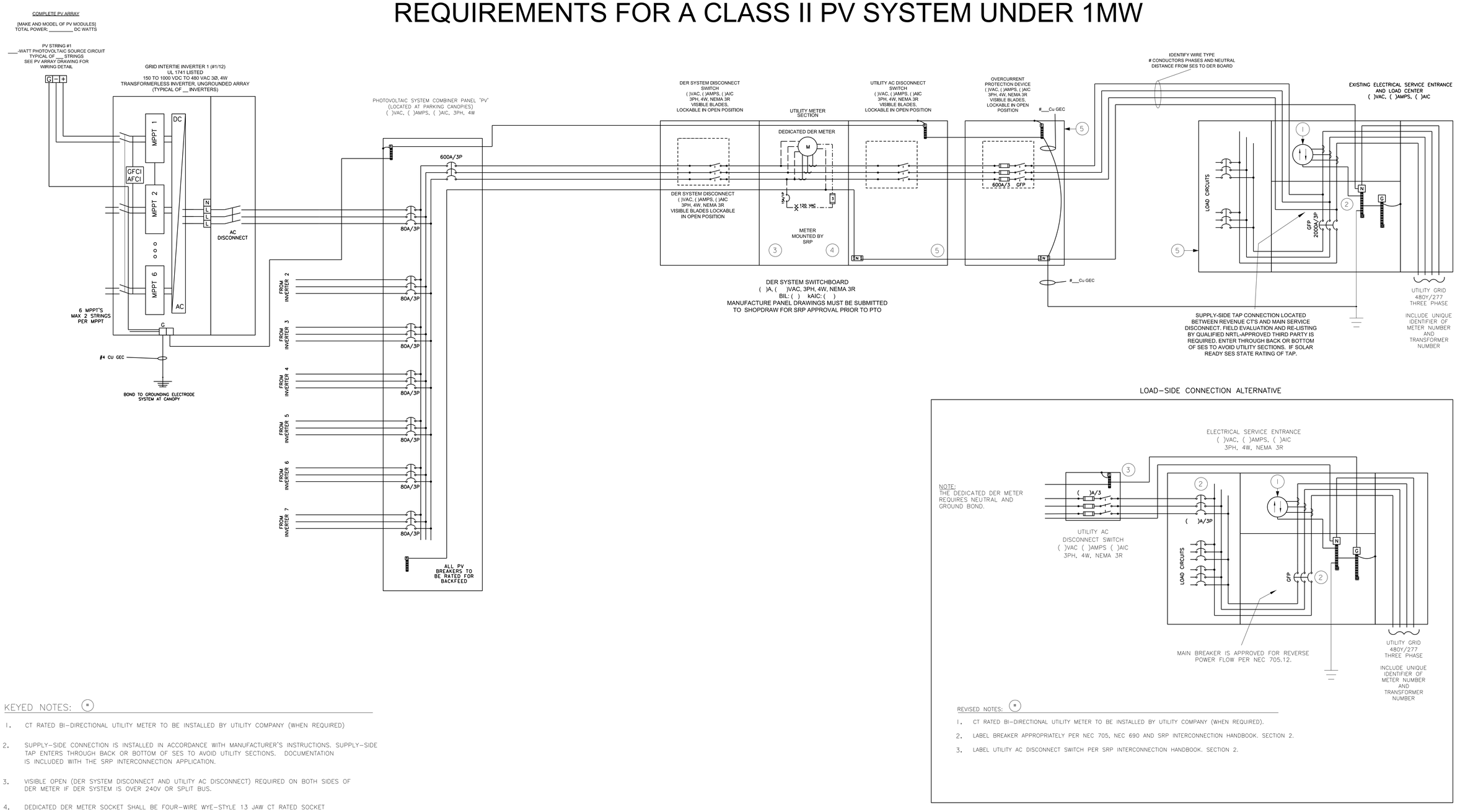
STANDARD THREE LINE DRAWING TO SHOW SRP REQUIREMENTS FOR A CLASS II PV SYSTEM UNDER 1MW



LOAD-SIDE CONNECTION ALTERNATIVE

REVISED NOTES: (*)

1. CT RATED BI-DIRECTIONAL UTILITY METER TO BE INSTALLED BY UTILITY COMPANY (WHEN REQUIRED).
2. LABEL BREAKER APPROPRIATELY PER NEC 705, NEC 690 AND SRP INTERCONNECTION HANDBOOK. SECTION 2.
3. LABEL UTILITY AC DISCONNECT SWITCH PER SRP INTERCONNECTION HANDBOOK. SECTION 2.

KEYED NOTES: (*)

1. CT RATED BI-DIRECTIONAL UTILITY METER TO BE INSTALLED BY UTILITY COMPANY (WHEN REQUIRED)
2. SUPPLY-SIDE CONNECTION IS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. SUPPLY-SIDE TAP ENTERS THROUGH BACK OR BOTTOM OF SES TO AVOID UTILITY SECTIONS. DOCUMENTATION IS INCLUDED WITH THE SRP INTERCONNECTION APPLICATION.
3. VISIBLE OPEN (DER SYSTEM DISCONNECT AND UTILITY AC DISCONNECT) REQUIRED ON BOTH SIDES OF DER METER IF DER SYSTEM IS OVER 240V OR SPLIT BUS.
4. DEDICATED DER METER SOCKET SHALL BE FOUR-WIRE WYE-STYLE 13 JAW CT RATED SOCKET
5. EQUIPMENT SHALL BE LISTED AND RATED TO WITHSTAND THE AVAILABLE SHORT-CIRCUIT CURRENT.

NOTES:

1. WITHIN EACH INDIVIDUAL POWERCLERK APPLICATION, A SITE PLAN, ONE LINE, THREE LINE, AND LABEL SHEET SPECIFIC FOR EACH PROJECT WILL NEED TO BE UPLOADED INTO POWERCLERK FOR ENGINEERING REVIEW. IN ADDITION FOR SYSTEMS OVER 1MW A UNIQUE PROTECTION SCHEMATIC WILL BE REQUIRED FOR EACH PROJECT SUBMITTED IN POWER CLERK.
2. SYSTEMS INSTALLED IN AREAS WHERE THE AHJ DOES NOT PROVIDE A CITY CLEARANCE, DESIGN DRAWINGS MUST BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARIZONA, AND THE CUSTOMER MUST PROVIDE A SIGNED CERTIFICATE-IN-LIEU OF CLEARANCE FOLLOWING COMPLETION OF ALL WORK.

THIS SAMPLE DRAWING IS FOR ILLUSTRATION PURPOSES ONLY AND IS NOT TO BE USED FOR DESIGN OR CONSTRUCTION. THIS DRAWING AND ITS SUITABILITY FOR END USE IS NOT IMPLIED. THE INTENT IS ONLY TO ILLUSTRATE TYPICAL MINIMUM INFORMATION REQUIRED AT THE TIME OF APPLICATION TO SRP. ADDITIONAL INFORMATION MAY BE REQUIRED.

REV NO.	PROJECT NO.	DATE	DSGN ENGR	DFTR	DESIGN CHECK	ISSUE APPRVD
0	001	04/2021	---	MCA	JD	JD

SRP® PHOENIX - ARIZONA

XXX KW DC/ XXXKW AC PV
THREE LINE DIAGRAM
ADDRESS LINE 1
ADDRESS LINE 2

SCALE: NONE			
SUBJ CODE	DISTR CODE	DWG SIZE	CLASS II
	E8	30x42	