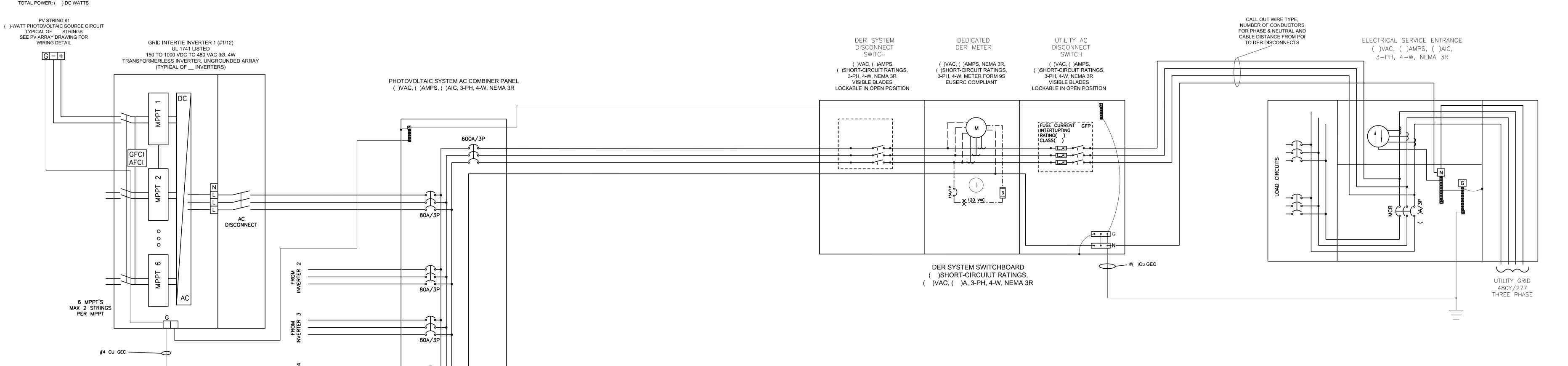
## THREE LINE DRAWING TO SHOW SRP REQUIREMENTS FOR A CLASS II PV SYSTEM UNDER 1MW



## LOAD-SIDE CONNECTION ALTERNATIVE UTILITY AC ELECTRICAL SERVICE ENTRANCE DISCONNECT ( )VAC, ( )AMPS, ( )AIC, SWITCH 3-PH, 4-W, NEMA 3R ( )SHORT-CIRCUIT RATINGS, 3-PH, 4-W, NEMA 3R VISIBLE BLADES LOCKABLE IN OPEN POSITION <u>note:</u> the dedicated der meter REQUIRES NEUTRAL AND GROUND BOND. CALL OUT WIRE TYPE, NUMBER OF CONDUCTORS FOR PHASE & NEUTRAL AND CABLE DISTANCE FROM POI TO DER DISCONNECTS BREAKERS SHALL BE SUITABLE FOR $\sim$ BACKFEED PER NEC 705 UTILITY GRID 480Y/277 THREE PHASE

## KEYED NOTES. (#

COMPLETE PV ARRAY

[MAKE AND MODEL OF PV MODULES]

THE DEDICATED DER METER SOCKET SHALL BE FOUR-WIRE WYE-STYLE 13 JAW CT RATED SOCKET. A NEUTRAL AND GROUND BOND ARE REQUIRED. THE METER SOCKET SHALL BE EUSERC COMPLIANT.

BOND TO GROUNDING ELECTRODE SYSTEM AT CANOPY

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.

## NOTES

I. 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 IMW 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.

3. EQUIPMENT SHALL HAVE SHORT CIRCUIT CURRENT RATINGS EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT SUPPLIED BY SRP. SEE SRP ESS AVAILABLE ONLINE FOR SCC SPECIFIC TO CUSTOMERS SES.

4. UNFUSED DISCONNECT SWITCHES WILL BE EVALUATED AT LOKA SCCR. IF DESIGN UTILIZES SERIES RATINGS FOR DISCONNECTS BASED ON UPSTREAM OVERCURRENT PROTECTION APPROPRIAT DETAILS SHALL BE INCLUDED IN DESIGN FOR JUSTIFICATION. MARKINGS FOR SERIES RATING WILL BE REQUIRED AT BOTH DISCONNECTS PER THE NEC.

2	001	04/2023	MCA	MCA	PCM	PCM	
REV NO.	PROJECT NO.	DATE	DSGN ENGR	DFTR	DESIGN CHECK	ISSUE APPRVD	
7	PHOENIX - ARIZONA						

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

ZES
SIAT
ING
SCALE: NONE
SUBJ CODE DISTR CODE DWG SIZE
CLASS I I