



LABELING NOTES  
1.1 LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRICAL CODE, INTERNATIONAL FIRE CODE 605.11, OSHA STANDARD 1910.145, ANSI Z535  
1.2 MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.  
1.3 LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.  
1.4 LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8" AND PERMANENTLY AFFIXED. 1.5 ALERTING WORDS TO BE COLOR CODED. "DANGER" WILL HAVE RED BACKGROUND; "WARNING" WILL HAVE ORANGE BACKGROUND; "CAUTION" WILL HAVE YELLOW BACKGROUND. [ANSI Z535]

**WARNING**

ELECTRICAL SHOCK HAZARD



TERMINALS ON THE LINE AND  
LOAD SIDES MAY BE ENERGIZED  
IN THE OPEN POSITION

**LABEL 1**  
AT EACH DISCONNECTING MEANS FOR  
PHOTOVOLTAIC EQUIPMENT (2" X 4").  
[NEC 690.13].

**WARNING**

POWER SOURCE  
OUTPUT CONNECTION  
DO NOT RELOCATE THIS  
OVERCURRENT DEVICE

**LABEL 2**  
AT POINT OF INTERCONNECTION  
OVERCURRENT DEVICE (2" X 4").  
[NEC 705.12(B)(2)(3)(B)].


**PHOTOVOLTAIC SYSTEM  
AC DISCONNECT**

RATED AC OUTPUT CURRENT  A  
NOMINAL OPERATING AC VOLTAGE  V

**LABEL 3**  
AT POINT OF INTERCONNECTION, MARKED  
AT DISCONNECTING MEANS (4" X 2").  
[NEC 690.54]

PHOTOVOLTAIC SOLAR  
AC DISCONNECT

**LABEL 4**  
AT EACH AC DISCONNECTING MEANS  
(4" X 1").  
[NEC 690.13(B)].

**WARNING**

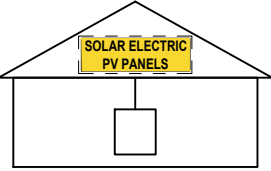
ELECTRICAL SHOCK HAZARD  
DISSTRIBUTED CENERATION PRESENT  
TERMINALS ON LINE AND LOAD SIDE  
MAY BE ENERGIZED

**LABEL 11**  
2-15-1912  
[TEP SR-702]

RAPID SHUTDOWN  
SWITCH FOR  
SOLAR PV SYSTEM


**LABEL 5**  
AT RAPID SHUTDOWN DISCONNECT SWITCH (5 1/4" X 2").  
[NEC 690.56(C)(3)].

SOLAR PV SYSTEM  
EQUIPPED WITH  
RAPID SHUTDOWN



TURN RAPID SHUTDOWN SWITCH TO  
THE "OFF" POSITION TO SHUT DOWN  
PV SYSTEM AND REDUCE SHOCK  
HAZARD IN ARRAY

**LABEL 6**  
AT RAPID SHUTDOWN SYSTEM  
(3 3/4" X 5 1/4"). [NEC 690.56(C)(1)(A)].

**WARNING**


DUAL POWER SUPPLY  
SOURCES: UTILITY GRID  
AND PV SOLAR  
ELECTRIC SYSTEM

**LABEL 7**  
AT POINT OF INTERCONNECTION  
(2 3/4" X 1 5/8").  
[NEC 705.12(B)(3)]

**WARNING**

SOLAR ELECTRIC  
CIRCUIT BREAKER  
IS BACKFEED

**LABEL 8**  
AT POINT OF INTERCONNECTION  
(2" X 1").  
[NEC 705.12(B)(3)]

**WARNING**

UTILITY DG DISCONNECT  
PANEL MAY BE ENERGIZED BY  
UTILITY OR CUSTOMER GENERATION

**LABEL 12**  
2-15-1913  
[TEP SR-702]

INTERACTIVE PHOTOVOLTAIC SYSTEM CONNECTED  
PHOTOVOLTAIC SYSTEM DISCONNECT LOCATED  
NW SIDE OF THE HOUSE

**DIRECTORY**  
PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE  
DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM DISCONNECTING  
MEANS IF NOT IN THE SAME LOCATION (5 3/4" X 1 1/8").  
[NEC 690.56(B)]  
WHERE THE PV SYSTEMS ARE REMOTELY LOCATED FROM EACH OTHER, A  
DIRECTORY IN ACCORDANCE WITH 705.10 SHALL BE PROVIDED AT EACH PV  
SYSTEM DISCONNECTING MEANS.  
PV SYSTEM EQUIPMENT AND DISCONNECTING MEANS SHALL NOT BE INSTALLED IN  
BATHROOMS  
[NEC 690.4(D),(E)]


WARNING: PHOTOVOLTAIC  
POWER SOURCE

**LABEL 9**  
AT EXPOSED RACEWAYS, CABLE TRAYS, AND OTHER WIRING  
METHODS; SPACED AT MAXIMUM 10 FT SECTION OR WHERE  
SEPARATED BY ENCLOSURES, WALLS, PARTITIONS, CEILINGS,  
OR FLOORS (5 3/4" X 1 1/8").  
[NEC 690.31(G)]  
LETTERS AT LEAST 3/8 INCH; WHITE ON RED BACKGROUND;  
REFLECTIVE  
[IFC 605.11.1.1]


**CAUTION**

SOLAR ELECTRIC SYSTEM CONNECTED

**LABEL 10**  
AT UTILITY METER (5 3/4" X 1 1/8")  
[NEC 690.56(B)]

**WARNING**

DG SOURCE  
DISTRIBUTED GENERATION METER  
PANEL MAY BE ENERGIZED BY  
UTILITY OR CUSTOMER GENERATION



**LABEL 13**  
2-15-1911  
[TEP SR-702]

1. CUSTOMER IS REQUIRED TO FURNISH AND INSTALL DG DISCONNECT SWITCH, METER SOCKET (SEE SR-452), 1.LABELS 1 - 3, AND RELATED DG EQUIPMENT. SERVICE PROVIDER WILL PROVIDE DG DISCONNECT SWITCH, METER SOCKET AND
2. LABELS ONLY FOR APPROVED SINGLE-PHASE RESIDENTIAL APPUCANTS.
3. DG METER PROVIDED AND INSTALLED BY SERVICE PROVIDER.
4. A GOVERNMENTAL AGENCY CLEARANCE 15 REQUIRED FOR ALL DG INSTALLATIONS.
5. LABELS ARE AVAILABLE FOR PURCHASE AT BORDER STATES ELECTRIC 294-1414.