

Customer Name
Address
Telephone

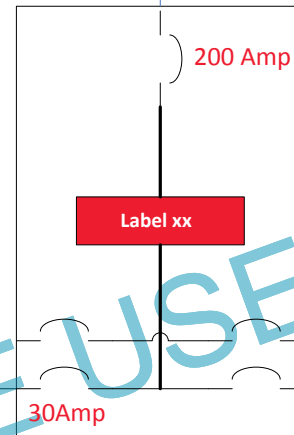
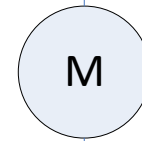
Installer Name
Contact Info

Xcel Energy
Area EPS

Main Service Meter
Bi-directional by Xcel Energy
1-Phase or 3-Phase
120/240V
XX00 Amp CT rated
Or 200 Amp Self Contained

PV System
Connected

Production
meter located
on north side
of barn



Main Service Panel
200 Amp Main
120/240V
Single Phase

Production Meter
(for MN Solar Rewards only)
1-Ph, 3-wire or 3-Ph, 4-wire
120/240V
200 Amp With Bypass

Production
Meter



Production Meter and AC Disconnect Location:
Within 10' of Main Service Meter if 24/7
unescorted, keyless access provided.

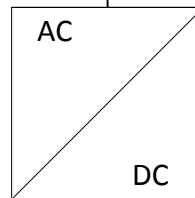
Otherwise, located in an outdoor, readily
accessible location with signage.

Signage or map placards required at both meter
locations indicating locations if meters are not
adjacent.

Location subject to current Xcel Energy meter
requirements and approval.

PV System Utility
AC Disconnect

Utility AC Safety Disconnect
1-Phase, 120/240V
40Amp
Visible Blades, Lockable,
Readily Accessible

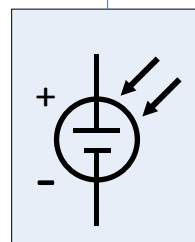


Inverter
Mfg, Model, Ratings
6 kW
UL1741
120/240V, 1-Phase

DC Disconnect
Ratings

Junction Box/
Combiner Box

No Loads to be
Served



Solar Modules
Mfg & Model
System AC and DC
ratings, as applicable
6.825 kW DC Total

See attached label
schedule.
All labels weatherproof,
durable, and permanently
mounted.
Demonstrate NEC 690
labeling requirements met.

Label 1	Production Meter	Label 8	WARNING: TURN OF PHOTOVOLTAIC AC DISCONNECT PRIOR TO WORKING INSIDE PANEL	Label 19	NOMINAL OPERATING AC VOLTAGE NOMINAL OPERATING AC FREQUENCY MAXIMUM AC POWER MAXIMUM AC CURRENT MAX OVERCURRENT DEVICE RATING FOR AC MODULE PROTECTION
Label 2	Photovoltaic Power Source	Label 9	DO NOT DISCONNECT UNDER LOAD	Label 20	PV SYSTEM DC DISCONNECT OPERATING CURRENT OPERATING VOLTAGE MAXIMUM SYSTEM VOLTAGE SHORT CIRCUIT CURRENT
Label 3	CAUTION: SOLAR CIRCUIT	Label 10	MAIN PV SYSTEM DISCONNECT	Label 21	RATED MAX POWER-FONT CURRENT RATED MAX POWER-FONT VOLTAGE MAXIMUM SYSTEM VOLTAGE SHORT CIRCUIT CURRENT MAX RATED OUTPUT CURRENT OF THE CHARGE CONTROLLER IF INSTALLED
Label 4	 WARNING  ELECTRIC SHOCK HAZARD THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDDED AND MAY BE ENERGIZED	Label 11	MAIN PV SYSTEM AC DISCONNECT	Label 22	CAUTION PHOTOVOLTAIC SOURCE CONNECTED
Label 5	 WARNING  ELECTRIC SHOCK HAZARD IF A GROUND FAULT IS INDICATED, NORMALLY GROUNDED CONDUCTORS MAY BE UNGROUNDDED AND ENERGIZED	Label 12	SOLAR DISCONNECT		
Label 6	 WARNING  ELECTRICAL SHOCK HAZARD DO NOT TOUCH TERMINALS. TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION	Label 13	CAUTION: SOLAR ELECTRIC SYSTEM CONNECTED		
Label 7	 WARNING  ELECTRICAL SHOCK HAZARD DO NOT TOUCH TERMINALS. TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR MODULES ARE EXPOSED TO SUNLIGHT	Label 14	WARNING – DUAL POWER SOURCE SECOND SOURCE IS PV SYSTEM		
		Label 15	CAUTION PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED		
		Label 16	PHOTOVOLTAIC AC DISCONNECT MAXIMUM AC OPERATING CURRENT 30A MAXIMUM AC OPERATING VOLTAGE 240V		
		Label 17	PHOTOVOLTAIC UTILITY AC DISCONNECT		
		Label 18	PHOTOVOLTAIC DC DISCONNECT		

***ALL LABELS = RED THERMOPLASTIC/REFLECTIVE, Permanently mounted

FOR LABEL PLACEMENT, SEE ATTACHED LINE DRAWING