

PG&E Interconnection Application Checklist

Standard NEM and Expanded NEM

Clear Form

**Please reference the checklist below to ensure your interconnection application is complete and accurate. It is our hope that this checklist will help reduce the time it takes to receive PTO (permission to operate) so you can begin enjoying the benefits of going solar as soon as possible.*

Project Name:

Address:

Utility Bill and After-Solar Rate Schedule:

1. Please provide a full and recent copy of the utility bill
2. **Select Desired Time-of-Use rate:**

The NEM 2 program requires that solar customers be on a Time-of-Use rate schedule. For residential customers, PGE has three different time of use rates: (TOU-A, TOU-B, or TOU-C). Please visit PGE's website for further details, and indicate which Time-of-Use rate the customer will want to be on once system is operational: https://www.pge.com/en_US/residential/rate-plans/rate-plan-options/time-of-use-base-plan/time-of-use-plan.page

Sales/Installation Contract: Please provide a copy of the executed contract between the installer and customer

Contact Info: Customer's phone # & email address - to be copied on application updates. If the entity on the PG&E account is a company, then we will need the contact person's name, title, and mailing address as well.

Name of Customer of Record:

Title:

Email:

Phone Number:

Address:

If there is a Line-Side tap:

1. Please complete the attached variance form (page 2), and provide notated photos indicating the proposed connection method. Please also provide photos that show the PGE Greenbook gas clearance requirements will be met.

Confirm 24/7 Access: Are there meter access issues (i.e. locked gate, unrestrained animal, or anything else preventing 24/7 access to the meter)?

1. *If yes and system is under 30kW, who can PGE contact to gain access?*

Name:

Number:

2. *If yes and system is over 30kW, will the customer consent to having PGE install a lockbox?*

After Installation Please Provide the Following:

1. Building permit and signed-off final inspection card.

Preferred Method of Signature:

****Please NOTE:*** PG&E charges a \$145 application fee. SepiSolar will pay this fee on the customer's behalf, but will invoice the fee amount when the application is submitted.

Variance Check-list: (Please answer all the questions by marking “[X]” where appropriate)

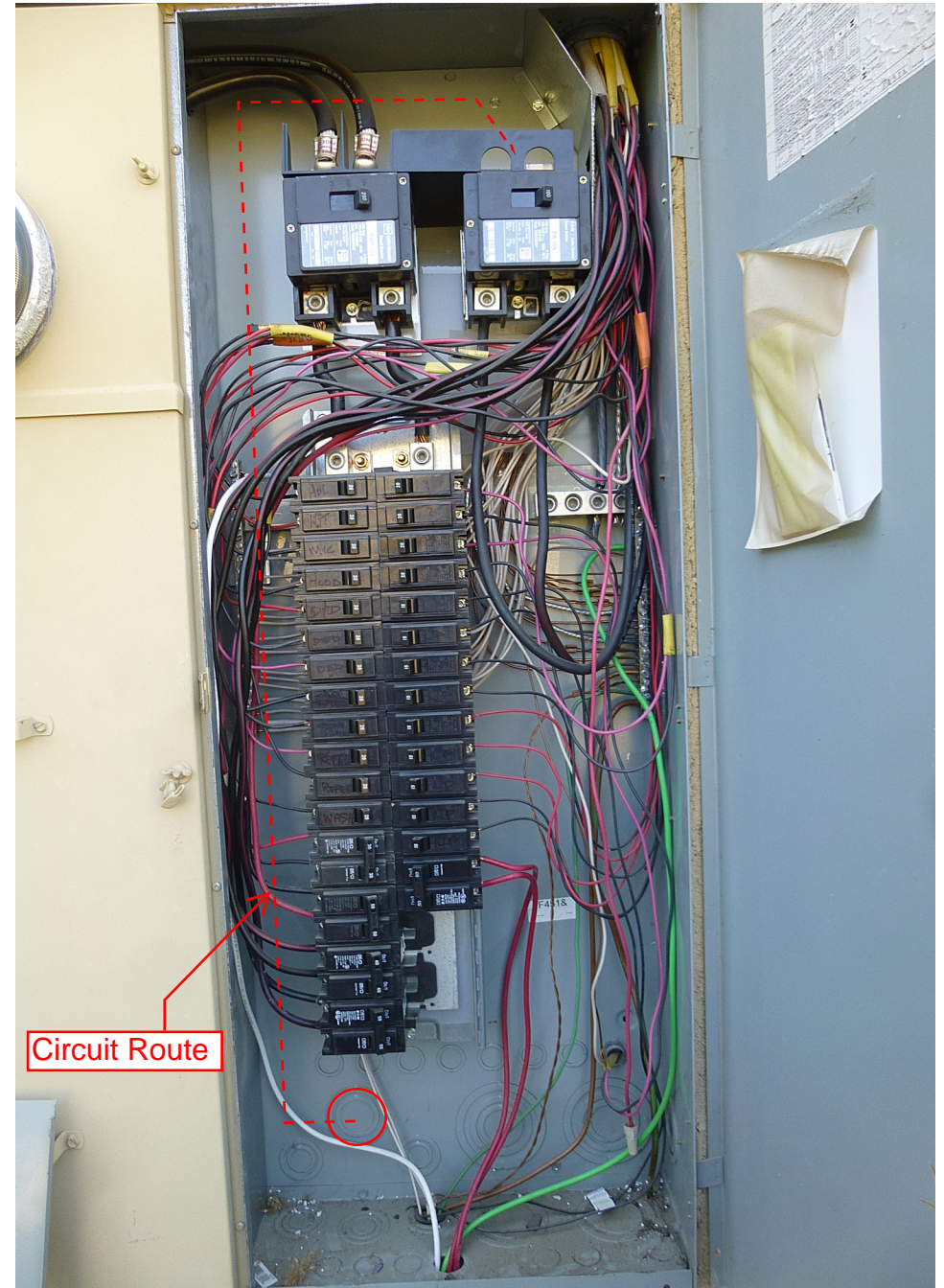
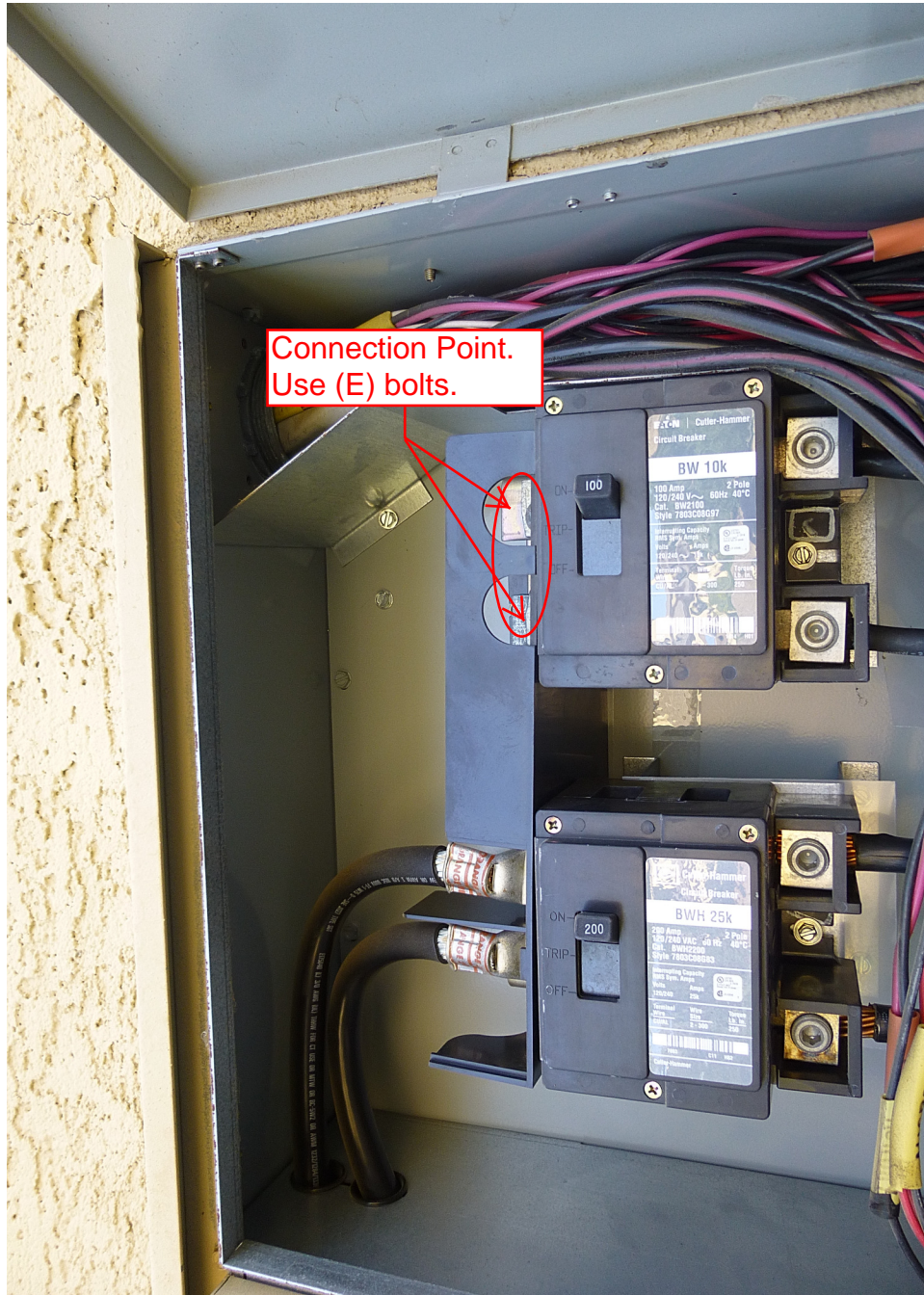
- Line side/Supply side tap (Any interconnection ahead of the Customer’s main breaker)
 - ☐ A line side tap is not present with this project (ignore follow-up line side tap questions if this box is checked)
(Only check these boxes if a line side tap is present. The following statements must all be true.)
 - ☐ Line side tap is NOT in PG&E Section (i.e. pull section and metering CT section)
 - ☐ Line side tap is in customer section only
 - ☐ No conductors are routed through or any other equipment installed in the PG&E sealed section
- Temporary shutdown for line side tap (Do not schedule until after Variance has been approved)
 - ☐ Yes, a Temporary shutdown has already been done/The site is ready for a field inspection:
If so, what was the Temporary shutdown for:
 - ☐ No, a Temporary shutdown has not been done and will be scheduled after Variance has been approved
- AC disconnect (Do not include sub-panels, breakers, and integrated disconnects)
 - ☐ I am not required by PG&E to have an AC disconnect and I do not have a line side tap, so I have not installed one for this project (No AC disconnect questions below should be checked)
 - ☐ Yes, only using one AC disconnect
 - ☐ No, I have more than one AC disconnect (Please list all AC disconnects on Form 79-1151B, separated by “/” for each required field)
- AC disconnect is on PG&E approved list
 - ☐ Yes, AC disconnect is on the PG&E approved list. This information has been verified by EGI.
 - ☐ No, AC disconnect is not on the PG&E approved list and I will provide a spec sheet from the manufacturer.
- AC disconnect is within 10 feet of the panel (Required for line side taps)
 - ☐ Yes, AC disconnect is within 10 feet of main panel
 - ☐ No, AC disconnect is greater than 10 feet from the panel
- AC disconnect is FUSIBLE (If there is a line side tap, both boxes are required to be true)
 - ☐ Yes, AC disconnect is FUSIBLE.
 - ☐ Yes, AC disconnect is lockable/ visible (blades).
- For Line side taps—Please attach pictures clearly showing:
 - ☐ Customer’s side open section
 - ☐ Picture showing routing identified by arrows/circles
 - ☐ Picture showing connection points identified by arrows/circles

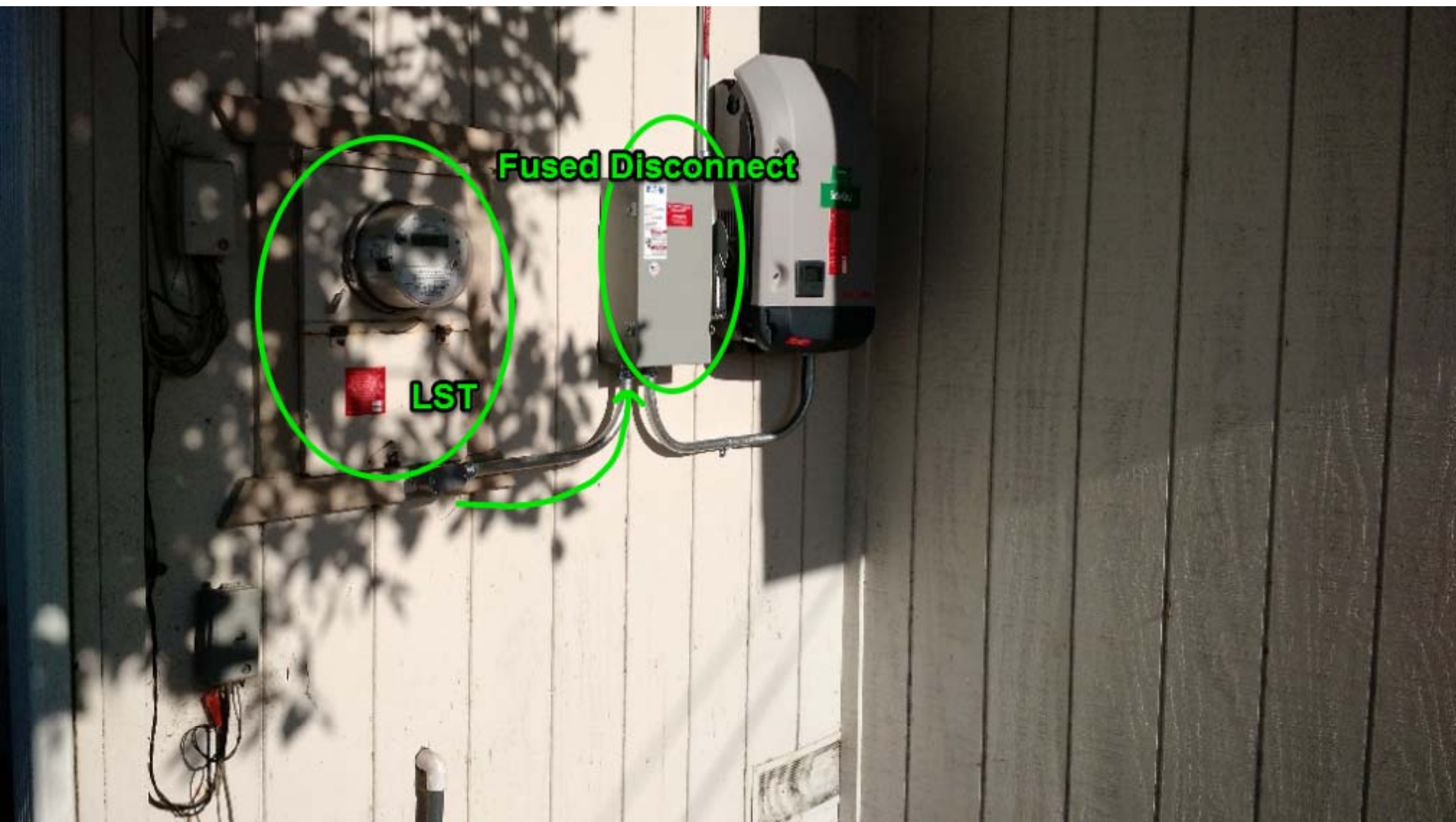
Summary (Complete this section in its entirety)

1. I am submitting a variance request because:
2. Please provide name and project address here:

To-Do List: (Please complete this section in its entirety. If not applicable, place “N/A”.)

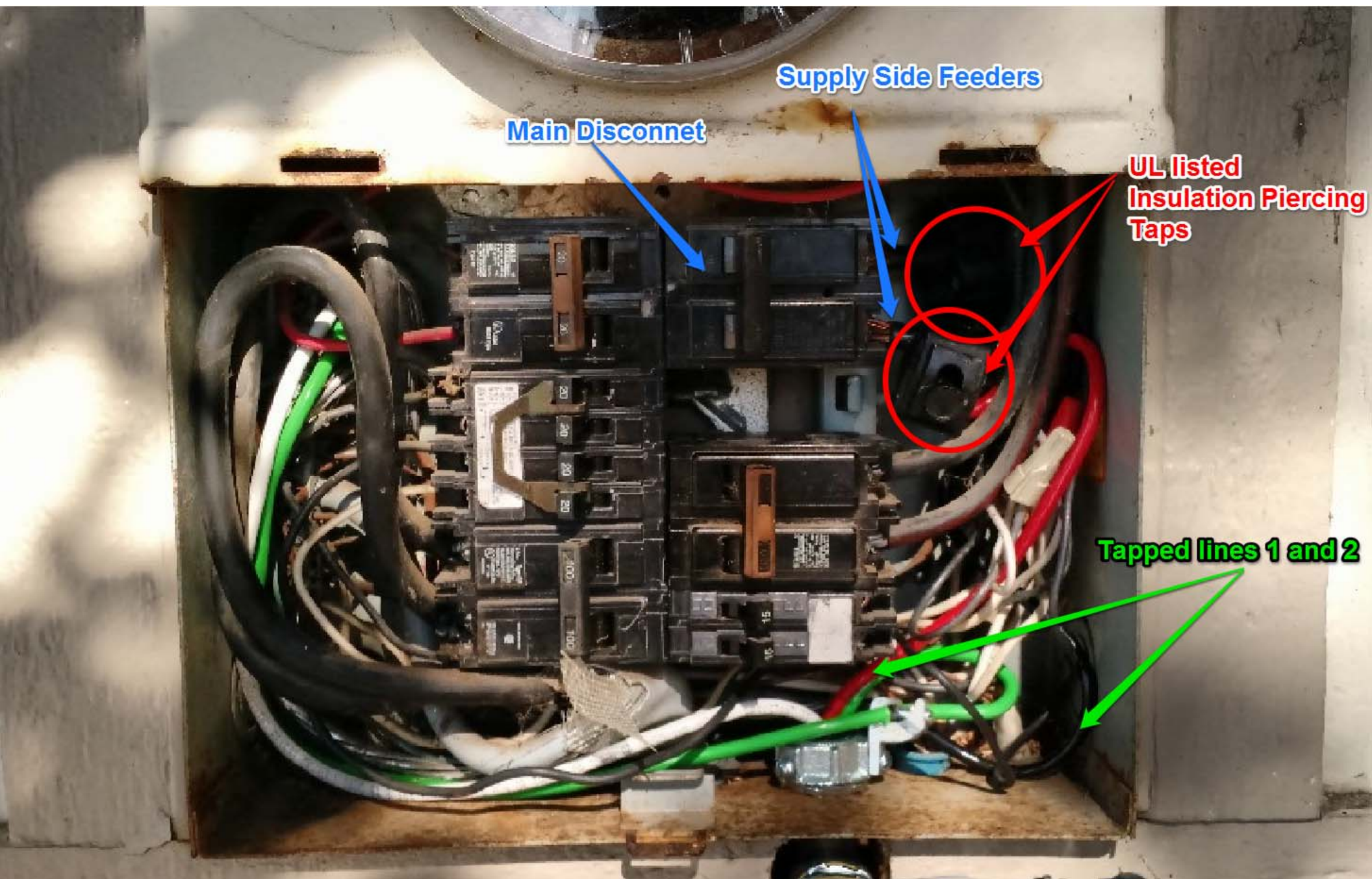
1. Attach a copy of the Custom Single Line Diagram to this email
2. (For Line side taps) Attach color photos of the customer’s area or section for the proposed work to this email
3. Attach manufacturer specification drawings for unapproved equipment that you are requesting an approval to this email (if applicable)





Fused Disconnect

LST



Supply Side Feeders

Main Disconnet

UL listed
Insulation Piercing
Taps

Tapped lines 1 and 2

The photograph shows the interior of an electrical control panel. At the top, a green box highlights the 'Tapped Feeders' section, which includes several metal busbars and terminal blocks. Below this, a red box highlights the '35amp Fuses' section, containing two cylindrical fuses with labels that read 'TR35R', 'X1027002', '35A', and '250V AC'. At the bottom, a pink box highlights the 'Lines to Inverter' section, showing a bundle of green, red, and white wires connected to terminal blocks. Green arrows point from the top left towards the feeders, and red arrows point from the top right towards the fuses. The entire assembly is mounted on a metal frame with various screws and components visible.

Tapped Feeders

**35amp
Fuses**

Lines to Inverter

MASS:

CAT. NO.:IPC-4/0-6 & IPC-4/0-6-B

TOLERANCES-UNLESS OTHERWISE SPECIFIED
2 PL. DEC. ± 0.15 TRUE C.L. ± 0.15
3 PL. DEC. ± 0.15 ANGLES ± 1

DWG. NO.
K0448

SHEET 1 OF 1



DRAWN BY:JG

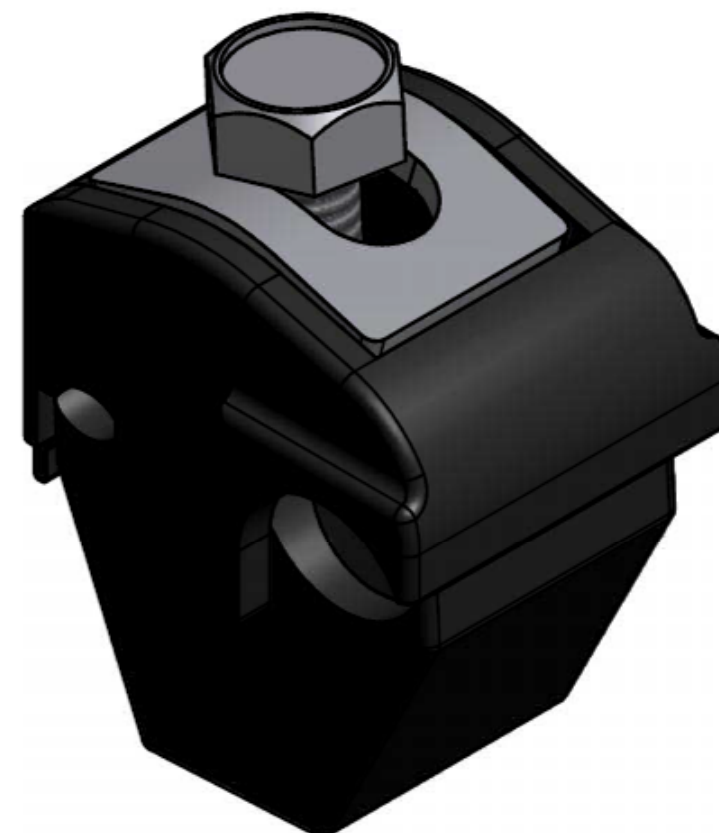
SCALE: 2=1

DATE:2/11/2008

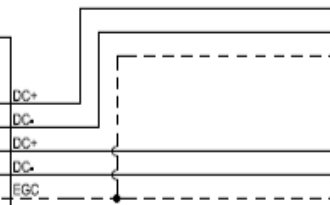
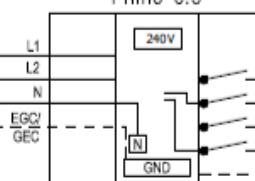
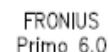
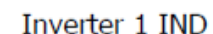
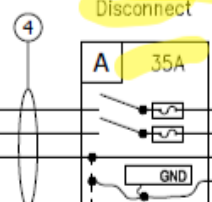
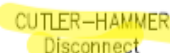
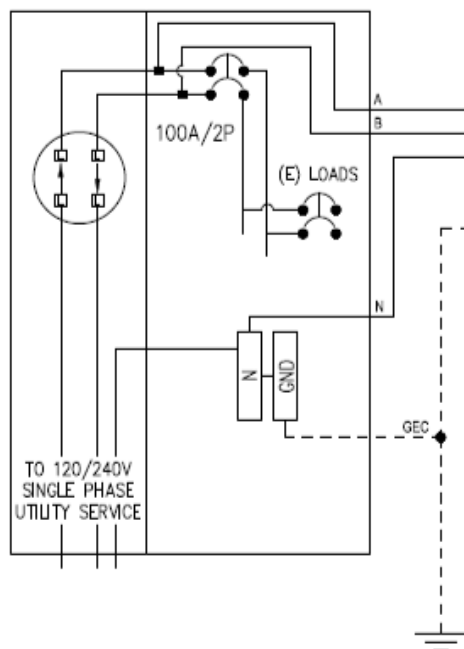
SIZE: A

REV.	DESCRIPTION
B	

DESCRIPTION	IPC-4/0-6		IPC-4/0-6-B	
	COMPONENT	QTY/EA	COMPONENT	QTY/EA
MOLDED BODY (TOP AND BOTTOM)	130258	1	130258	1
TEETH (SN PLATED/BRBD)	130174	2	130174	2
BOTTOM PLATE (ZN PLATED/TAPED/DRILLED)	130031	1	130031	1
TAP LABEL	100170	1	100170	1
RUN LABEL	100169	1	100169	1
BOLT M10 X 1.5 X 2 7/8	130257	1	130257	1
BOX	100368	.083	CCR0512	.167
GREASE (SILICONE DIELEC CPD)	130240	.003	130240	.003
INSTALLATION INSTRUCTIONS	FORM 66	.083	FORM 66	.083
END CAP	130273	1	130273	1
PLASTIC BAG			CBR1428	1



SCALE 2 : 1



MUST HAVE CONTINUOUS GROUND FROM MODULES TO
INVERTER WITH #8 SOLID BARE COPPER IF INSIDE CONDUIT
OR #6 SOLID BARE COPPER IF NOT INSIDE CONDUIT

PV SYSTEMS WITH DC SOURCE CIRCUITS, DC OUTPUT CIRCUITS, OR BOTH, ON OR PENETRATING A BUILDING OPERATING AT A PV SYSTEM MAX SYSTEM VOLTAGE OF 80 VOLTS OR GREATER, SHALL BE PROTECTED BY A LISTED (DC) ARC-FAULT CIRCUIT INTERRUPTER, PV TYPE, OR OTHER SYSTEM COMPONENTS LISTED TO PROVIDE EQUIVALENT PROTECTION.

LOS AC DISCONNECT, IF SHOWN HERE, IS TO BE INSTALLED ONLY IF REQUIRED BY THE ONSITE CONDITIONS.

$$V_{oc}^* = \text{MAX VOC AT MIN TEMP}$$

POI — (1) Ground Rod; 5/8" x 8', Copper
— (2) ILSCO # IPC 4/0-#6
Insulation Piercing Connector; Main 4/0-4, Tap 6-14


SSC — SUPPLY SIDE CONNECTION. DISCONNECTING MEANS SHALL BE SUITABLE AS SERVICE EQUIPMENT AND SHALL BE RATED PER NEC.

— (1) CUTLER-HAMMER # DG222NRB
 Disconnect, 60A, 240VAC, Fusible, NEMA 3R
 — (1) CUTLER-HAMMER # DG100NB
 Ground/Neutral Kit; 60-100A, General Duty (DG)
 — (1) CUTLER-HAMMER # DS16FK
 Class R Fuse Kit
 — (2) FERRAZ SHAWMUT # TR3SR PV BACKFEED OCP
 Fuse, .35A, 250V, Class RK5

AC

4 5ft (1) AWG #5, THWN-2, Black
(1) AWG #5, THWN-2, Red
(1) AWG #5, THWN-2, White
(1) AWG #5, Solid Bare Copper

NEUTRAL Vmp = 240 VAC Imp = 25 AAC
GEC - (1) Conduit Kit; 3/4" EMT

③  (1) AWG #8, THWN-2, Black
(1) AWG #8, THWN-2, Red
(1) AWG #10, THWN-2, White
(1) AWG #8, THWN-2, Green

NEUTRAL Vmp = 240 VAC Imp = 25 AAC
EGC/GEC - (1) Conduit Kit; 3/4" EMT