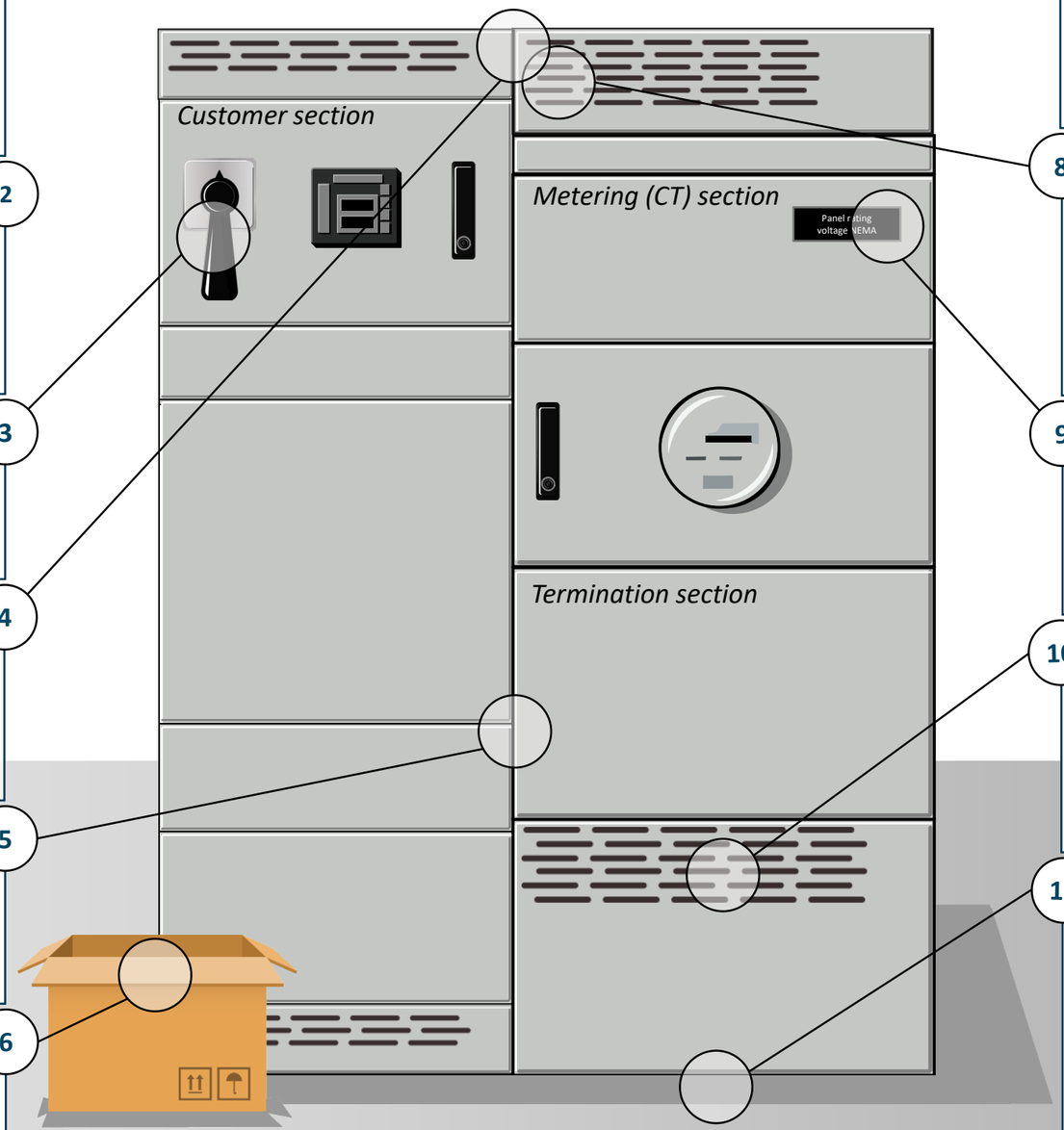
Switchboard Guide

Use this guide for support with your secondary switchboard installation.
Review each numbered callout to ensure Greenbook requirements are met.



1 Switchboard model & rating

- Ensure the switchboard manufacturer selected is from PG&E's approved list.
- Ensure the switchboard is properly rated for outdoors and for indoors (NEMA: Type 1 or 3).

2 Service size and panel amperage

- Main service disconnect ratings must not exceed the switchboard supply or section ratings. Greenbook 7.8.2 and 7.8.3

⚠ **Common Error**: Service size and panel amperage do not match.

3 Lockable main disconnect

- Greenbook 7.8

4 PG&E sealed section

- Load Conductors are not allowed in the PG&E sealed section. Greenbook 8.2.1

5 Utility sealing provisions:

- PG&E seals all meters and enclosures for utility meters, metering equipment, and service-entrance equipment using PG&E's seals. Greenbook 7.7 and 7.8

6 Working space & door radius

- Ensure the doors can open without obstruction.
- Vehicle bollards should not cause obstruction. Greenbook 7.4.3 and 8.2.6

⚠ **Common Error**: Working space is often obstructed limiting access to switchboard.

7 Access to all electric meters

- For indoor meter rooms, PG&E requires a key and lockbox. Greenbook 1.11.8 and 7.4.5

8 Bonding

- All normally non-current-carrying metal parts of a switchboard, panelboard, and associated equipment must be bonded together to ensure electrical continuity and grounded to create an effective ground-fault current path. Greenbook 7.9, Figure 7-19 Note 3

9 Address

- Identification plate attached with screws or non-soluble paint with a stencil. Greenbook 7.7

⚠ **Common Error**: Address plate is not properly attached.

10 Grounded connection

- A grounded neutral must exist in the PG&E-sealed section and is terminated in the same enclosure as the grounding electrode conductor, outside of the PG&E-sealed section. Greenbook 7.9

11 Clear and level working space

- Provide adequate, level working space with an improved surface in front of the meter panel (minimum 36 in. for floor-standing and wall mount, min. 48 for pad mounted). Greenbook 7.4
- Ensure the width is equal to the width of the service termination and meter equipment (connected or stacked) or 30 inches - whichever is greater. Greenbook 7.4

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