Update to 2026 Greenbook, Section 7 and Appendix A

SUMMARY

This utility bulletin reflects updates to *Electric & Gas Service Requirements (aka Greenbook),* Section 07, "General Metering Information," (TD-7001M-07). The purpose is to:

1. Delineate between new and existing (reconstruction) sites when adding or modifying electrical equipment.
2. Introduce standards and new figure specifically for reconstruction (pre-existing conditions) where new electrical equipment is being added.
3. Clarify level working space requirements for residential single-family premise type.
4. Clarify installed meter height requirements for pole-mounted communication equipment.
5. Corrected Minimum Wall-Mounted Pull-Section Dimension requirements for residential and nonresidential, single-phase or three-phase underground services.

Level of Use: Informational Use

AFFECTED DOCUMENT

Electric & Gas Service Requirements (aka Greenbook) (TD-7001M) 2026 version

TARGET AUDIENCE

This bulletin is intended for all utility and non-utility persons that read and use *Greenbook* (TD-7001M).

WHAT YOU NEED TO KNOW

1 Meter Adapters versus Meter Socket Adapters

1.1 Greenbook Section 7.2.2 Bullet A., Customer Owned Devices:

1. The current *Greenbook* Section 7.2.2 Bullet A incorrectly characterizes meter adapters for overhead-to-underground conversions as meter socket adapters as described in PG&E's Electric Rule 31. This is corrected from 'meter socket adapter' to 'meter adapter' for this purpose.
2. For clarity, Section 7.2.2. Bullet A and sub-bullet 1, as written below for overhead-to-underground conversions, is also moved to Section 3.8.3. and is classified as a "customer owned meter adapter."

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1.1 (continued)

3. "When using a Meter Adapter for Overhead-to-Underground Conversion, applicants may use approved meter adapters to convert existing services but may not use them to establish new service. The applicant must ensure that the meter adapter's grounding strap is connected to the grounded wire within the meter panel."

   a. "For more information, see Electric Design Standard 061032 "Residential and Small Commercial Overhead to Underground Electric Service Conversion."

4. Section 7.2.2 Bullet A sub-bullet 2 is updated and moved to Bullet B as written: For Customer-Owned Meter Socket Adapter Devices, see Figure 7-5, *Greenbook*, Section 07, "Customer Owner Meter Socket Adapter Device," (TD-7001M-07).

2 Meter Working Space

2.1 Table 7-5 in *Greenbook,* Section 7.4, "Level Working Space Requirements," (TD-7001M-07) has been revised and includes new 'Surface Requirements' language for the 'Single Family Residential' premise types to the following (bold): **"PG&E may require an improved surface for safety needs."**

Table 7-5. Level Working Space Requirements

Premise Type	Single Family Residential	Non-Residential and Multi-Residential (e.g. Apartment Complex)
Surface Requirement	**PG&E may require an improved surface for safety needs.**	Wall-mounted meter panels or pad- mounted, single-metered pedestals up to 200 amps constructed with the same material for the improved surface
Improved Surface Materials Options	**Applies to all options below: Width is the same dimensional width of equipment section.** **Concrete:** Minimum 3,000 pounds per square inch (psi), precast pad allowed. Poured concrete must be a minimum of 3 inches thick and have wire mesh or rebar. **Stone Pavers:** Minimum 3 inches thick, spaced not more than 1/4- inch apart. **Asphalt:** 2 inches thick on top of 2 inches of angular gravel. **Compacted Gravel:** Aggregate sized at 1/4 inch to 1/2 inch diameter without sharp edges, compacted to 90% density, surrounded either by a galvanized metal or pressure-treated wood border on each side and connected together.	
Leveling Requirements	Selected improved surface must extend a maximum of 1 inch above grade. All improved surfaces must be completely level, free of all vegetation, and tripping hazards. PG&E may require elevated platforms with permanent safety rails in flood plains or other unstable areas.	

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3 New Definitions Added to Appendix A, "Acronyms and Glossary"

3.1 Two new definitions have been added to Appendix to clarify and define New and Existing Construction.

1. "New Construction" refers to applicants performing any trenching; electric panels and conductors that have never been energized or gas meters and gas pipes that have never been pressurized. For new construction, applicants must build the site to meet latest Greenbook requirements and meet all applicable Numbered Standard requirements.

2. "Existing Construction" ("reconstruction" or "pre-existing construction") refers to sites with existing electrical panels and conductors that have been energized or existing gas meters and gas pipes that have been pressurized before. Figure 7-9b applies when adding new equipment or devices to existing construction with no change to existing electric and gas facilities.

    a. Upgrading or relocating of existing electric and gas facilities must meet the latest *Greenbook* requirements and meet all applicable Numbered Standard requirements (some exceptions apply per Section 7.4.6a (TD-7001M-07) for "legacied-in" existing construction).

4 Section 7.4.6. Figure 7-9 Electric and Gas Meter Set Separation Dimensions and Clearances

4.1 Figure 7-9 is relabeled as Figure 7-9a.

4.2 The language in Section 7.4.6 for Figure 7-9a is clarified to apply to all new construction as described in Section 3 above.

4.3 Figure 7-9a also applies to any situation not directly identified under Figure 7-9b 'Applicability', as defined in Section 5.3.1 on Page 5 for existing construction.

5 Section 7.4.6. Bullet B: Ensure Adequate Clearance Between Electric and Gas Meter Sets

5.1 The language in *Greenbook* Section 7.4.6, Bullet B. has been revised and includes new requirements below (bold).

1. For "new construction," applicants are required to build to *Greenbook* Standards. in this section, "new construction" refers to trenching; upgrades to infrastructure (i.e. cable, conduit, wires); panels that have never been energized or gas meters have never been pressurized; relocation of facilities; and upgrading facilities (see above for exceptions).

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5.1 (continued)

2. **For new construction, applicants are required to build to *Greenbook* Standards. The definition of "new construction" is defined in this bulletin (see Section 3 on Page 3). *Greenbook* Figure 7-9, "Electric and Gas Meter Set Separation Dimensions and Clearances," (TD-7001M-07) reflects the requirements for new construction.**

5.2 Section 7.4.6, Bullet A. has been clarified with the addition of a new figure, Figure 7-9b, for Existing Construction, where the term "existing construction" has been defined in this bulletin (see Section 3 on Page 3).

1. ***Figure 7-9b, Clearance Requirements When Adding New Equipment or Devices for Existing Construction***

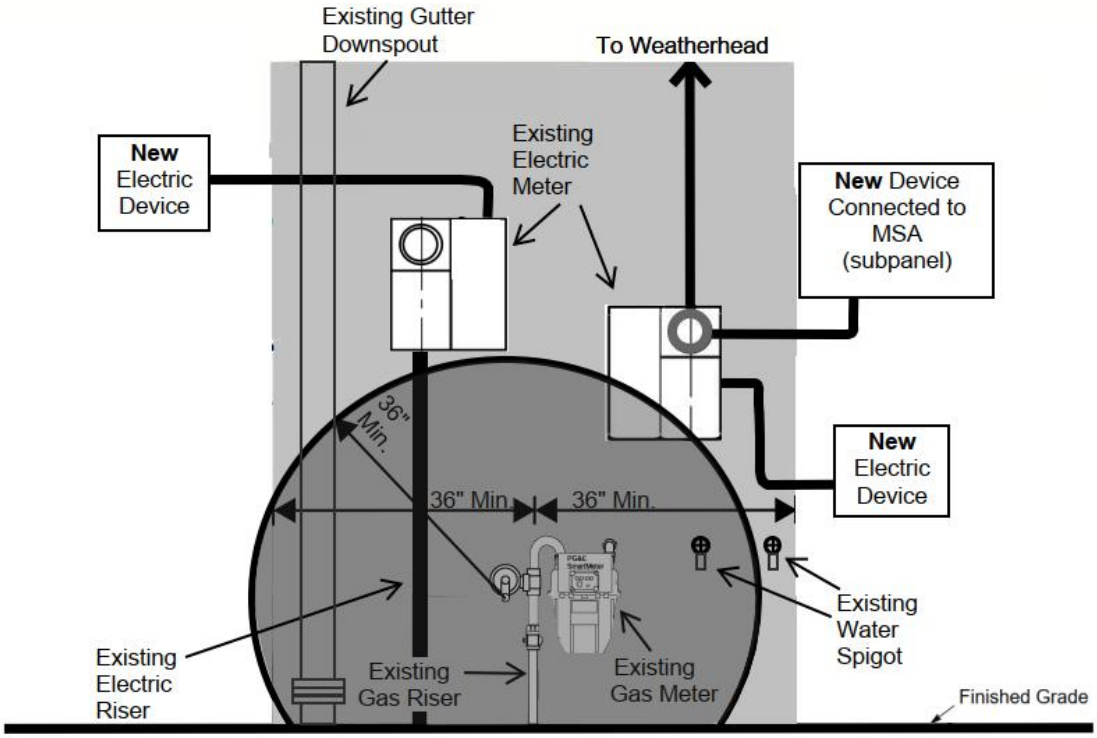

Figure 7-9b
Clearance Requirements When Adding New Equipment or Devices for Existing Construction

No New Equipment or Devices Within 36" Horizontal Area of Gas Riser

No New Conduit, Equipment or Devices Within 36" Radial Area of Gas Regulator Vent

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5.3 Figure 7-9b Notes:

1. **Applicability:** Figure 7-9b is limited to pre-existing construction sites making the following modifications:

   a. "Like-for-like" panel replacements where the new panel is installed in the same location with the same maximum ampacity (example: old 100-amp panel replaced with a new 100-amp panel)

   b. Panel upgrade (limited to electrical panels with a maximum capacity of up to 200 amps) installed in the same location (example: old 100-amp panel upgraded to a new 200-amp panel).

   c. Adding new electric equipment to a pre-existing electric panel (example: a meter socket adapter and its related equipment).

   d. This figure is further qualified to apply to "residential service only, which includes but is not limited to a single detached, multi-family dwelling and HOA complexes with single family or multi-family dwellings, up to 200-amps", per *Greenbook*, Section 7.4.6.a.1, Bullet 2 (TD-7001M-07).

2. **Same Location**

   a. The "same location" from the eligible configurations above means both the location of the panel at the premise and the address where the panel is located. The distance between the gas infrastructure and the existing panel may not be reduced in a like-for-like or panel upgrade.

3. **Pre-existing Conditions**

   a. *Greenbook* Section 7.4.6 (TD-7001M-07) currently states: For existing construction (or "reconstruction"), properties constructed prior to the current codes and regulations, applicants are "legacy-in".

      i. The following statement should have been added to PG&E's latest *Greenbook* Section 7.4.6 (TD-7001M-07) and was incorrectly omitted. It is listed here for clarity and will be incorporated into the next iteration of PG&E's *Greenbook*: "Meter socket adapter (MSA) installations are **not** contingent on remedying pre-existing clearance violations around the gas or electric meter, unless a 'hazardous condition' exists", as described in Section 6.1.7 on Page 7.

   b. Includes but is not limited to meter panel, electrical, gas, water, conduit (flex and metallic), and workspace conditions.

   c. Pre-existing conditions must not have any hazardous conditions present, as described in Section 6.1.7 on Page 7.

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5.3 (continued)

4. **Other Notes**

   a. Unless an exception has been defined in this bulletin, the following notes also apply to Figure 7-9b.

   b. **Dark grey section:** Measured as 36” radially from the gas regulator vent; No new conduit, equipment or devices allowed.

   c. **Light grey section:** Measured as 36” from the center of the gas riser. No new equipment or devices allowed. New conduit is allowed.

   d. **New conduit** (including conduit, conduit fittings, couplings, and joints) may be placed in or run through the light grey section of Figure 7-9b. No new conduit is allowed within the 36” radial arc around the gas regulator vent denoted by the dark grey section, unless the existing panel and meter socket placement meet the Applicability outlined in Section 5.3.1 and require a small portion of conduit to start in and run out of this section.

   e. Some Figure 7-9b EXCEPTIONS for meter socket adapters exist. These are described below.

5. **Meter Socket Adapters**

   a. Meter socket adapters, and the related equipment needed for the meter socket adapter to operate as intended–specifically,

   b. the communication or power cable—are all considered new electrical equipment. Some EXCEPTIONS to Figure 7-9b apply:

      a. Figure 7-9b applies if the existing panel and meter socket placement meets the Applicability defined in Section 5.3.1 on Page 5.

      b. A meter socket adapter and its communications or power cable may be in or run through all sections of Figure 7-9b. Any additional device to which the cable is attached must be in an eligible location in compliance with Figure 7-9b.

      c. **New conduit** (including conduit, conduit fittings, couplings, and joints) may be placed in or run through the light grey section of Figure 7-9b. No new conduit is allowed within the 36” radial arc around the gas regulator vent denoted by the dark grey section, unless the existing panel and meter socket placement meet the Applicability outlined in Section 5.3.1 on Page 5 and require a small portion of conduit to start in and run out of this section.

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6 Section 7.2.2. Customer Owned Meter Socket Adapters, Bullets B

6.1 The following language in *Greenbook* Section 7.2.2., Bullet B. has been revised and includes additional requirements below (bold).

1. "MSAs are customer-owned devices that sit between the customer's meter socket and PG&E's electric meter and are approved devices. See Electric Rule 31, "Customer-Owned Meter Socket Adapter Devices" for eligibility and installation requirements. IF the applicant's work is not approved/cleared, or is deemed unsafe by the AHJ, please refer Section 1, "General Applicant Roles and Responsibilities," on page 1-7."

2. **MSAs are customer-owned devices that sit between the customer's meter socket and PG&E's electric meter and are approved devices. See Electric Rule 31, "Customer-Owned Meter Socket Adapter Devices" for eligibility and installation requirements.**

3. **Only meter socket adapters explicitly approved by PG&E may be installed behind PG&E's meter within PG&E's service territory.**

4. **PG&E is involved in the installation process of approved meter socket adapters when the meter socket adapter is installed behind PG&E's meter.**

5. **For new construction including a meter socket adapter, *Greenbook*, Section 07 Figure 7-9a (TD-7001M-07) applies to both the meter socket adapter and any required system components for the meter socket adapter to operate as intended.**

6. **Figure 7-9b applies to existing construction sites adding a meter socket adapter and its required system components.**

    a. **Meter socket adapters are devices that sit between the customer's meter socket and PG&E's electric meter, as described in Section 6.1.2 on Page 7.**

    b. **Meter socket adapters, and the related equipment needed for the meter socket adapter to operate as intended–specifically, the communication or power cable—are all considered new electrical equipment. Some EXCEPTIONS apply, see Section 5.3.4 on Page 6.**

    c. **Unless specifically addressed in this bulletin, existing meter socket adapter requirements defined in PG&E's Electric Rule 31 still apply.**

    d. **MSA installations are not contingent on remedying pre-existing clearance violations around the gas or electric meter, unless the conditions described in Section 7 exist. This applies to sites adding meter socket adapters and other, new electrical equipment.**

7. **Hazardous Conditions:**

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6.1 (continued)

a. **If a hazardous condition is identified by PG&E, it must be corrected at the Applicant's expense prior to the installation of a meter socket adapter, pursuant to PG&E's Electric Rule 31.**

b. **IF the applicant's work is not approved/cleared, or is deemed unsafe by the AHJ, THEN, see *Greenbook* Section 1.11.12 "General Applicant Roles and Responsibilities," (TD-7001M-01).**

7 Meter Height Requirements for Pole-mounted Communication Equipment

7.1 Table 7-2 in *Greenbook* Section 7.3, "Meter Heights and Cabinet Enclosure Clearances" (TD-7001M-07) has been revised to clarify minimum installed meter height requirements for pole-mounted communication equipment to the following (bold): **"84 inches minimum (as measured from the bottom of the enclosure unit) and 96 inches maximum (as measured from the bottom of the enclosure unit)."**

1. **Table 7-2. Minimum Installed Meter Height Requirements**

Meter Heights	Height Requirements	
Up to 400 amp (class 320)	48 inches minimum	75 inches maximum
400 amp or higher (CT), This applies to wall-mounted and panel board construction	60 inches minimum	75 inches maximum
Pole-mounted communication equipment	**84 inches minimum (as measured from the bottom of the enclosure unit)**	**96 inches maximum (as measured from the bottom of the enclosure unit)**
Indoor/Outdoor self-contained panels, CT panels, and outdoor vertical multi meter stacks	36 inches minimum	75 inches maximum
In locations where snow accumulates, PG&E may require the minimum installed meter height to be increased. Specific meter-height requirements depend on the meter's location. Ask your local PG&E Job Owner to consult the electric meter department for specific meter-height requirements in snow-accumulation areas.[1]		

8 Minimum Wall-Mounted Pull-Section Dimension requirements for residential and nonresidential, single-phase or three-phase underground services

8.1 Table 7-14 and reference notes below the table in *Greenbook* Section 7.17, (TD-7001M-07) "Minimum Wall-Mounted Pull-Section Dimensions: Residential and Nonresidential, Single-Phase or Three-Phase" has been revised in bold to correct the minimum pull-section dimension requirements for residential and nonresidential, single-phase or three-phase underground services.

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8.1 (continued)

Table 7-14. Minimum Wall-Mounted Pull-Section Dimensions: Residential and Nonresidential, Single-Phase or Three-Phase[1]

Service Rating (Amps)	Minimum Access Opening "W"		X		Y	
	3-Wire	4-Wire	Bottom Entry	Side/Rear Entry	Bottom Entry	Rear Entry
	All Measurements in Inches					
0-225	10-1/2	14	11	36	6	15
226-400	10-1/2	14	22	42	6 [2]	24
401-600	**18**	**24**	26	48	11	24
601-800	**See footnote 2**	**24**	30	48	11	24

Notes in reference to Table 7-14:

1. **Width minimum dimensions do not apply to the following figures, 7-25, 7-29, 7-56, 7-58, 7-62. Refer to each figure for the allowed minimum width.**
2. **800-amp single-phase is not allowed.**

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INCLUSION PLAN

The updated requirements in this bulletin will be incorporated into the next revision of *Electric & Gas Service Requirements (aka Greenbook).* (TD-7001M).

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REVISION NOTES

Where?	What Changed?
Section 7	• Moved information about customer owned meter adapters for overhead-to-underground conversions to Greenbook Section 3 • Introduced standards and new figure specifically for reconstruction (pre-existing conditions) where new electrical equipment is being added. • Clarified level working space requirements for residential single-family premise type. • Clarified installed meter height requirements for pole-mounted communication equipment. • Corrected Minimum Wall-Mounted Pull-Section Dimension requirements for residential and nonresidential, single-phase or three-phase underground services.
Appendix A	• Added and defined terminology for “New Construction” and “Existing Construction”