

Meter cabinets normally require two safety cones to be placed inside the cabinet for use by individuals when work is being performed. Refer to page SG 510.5 for safety cone specifications.

Refer to the metering communication requirements shown on page SG 525.

### METER ACCESS EASEMENT

The building owner shall execute a "Meter Access Easement" provided by SDG&E, at the owner's expense, and return to the Utility during the planning phase of the project.

### SERVICE & METERING POLICIES

Refer to the Electric Service Policies on pages SG 011.1 – 013.3 for additional information.

### MID-RISE & HIGH-RISE BUILDING REQUIREMENTS

Electric meter rooms or meter cabinets may be located on every floor. The electric meter rooms/cabinets should be located as close as practical to the elevator that will be used by SDG&E employees to access the floors, but in no case further than 50 feet walking distance from the elevator. The elevator must be equipped with an SDG&E approved Schlage VTQP Quad Section key way and key switch wired to the control panel to allow 24-hour access to the floors where Utility meters are located. SDG&E will not check in with a security guard during our normal business hours.

The customer has the option of installing multiple meter locations on the same floor and omitting meter locations on every floor provided:

1. The total number of meter locations does not exceed the total number of occupied building floors.
2. All meter locations are within 50 feet walking distance from the elevator that will be used by SDG&E employees to access the floors. Meter location entrances shall be located directly off the common corridor used to access the elevator. It is not acceptable to enter another space or room before entering the meter room/cabinet.
3. The customer may provide access to multiple meter rooms/cabinets located on the same floor from different elevators. This is more common in high-rise podium construction projects.

### MID-RISE BUILDING EXCEPTION

An exception may be granted to allow multiple meter rooms in a subterranean parking structure in lieu of meter rooms/cabinets located on the occupied floors provided all SDG&E applicable standards are met. The customer should consult with SDG&E's Planner to use this exception in the conceptual design phase of the project.

### SERVICE STANDARDS REVIEW

The SDG&E Planner shall have Service Standards, in Electric Distribution Engineering, review the building project plans for mid- and high-rise building to ensure the grounding electrode conductor is appropriately placed and other engineering related issues are resolved during the design phase of the project.

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Indicates Latest Revision

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New Page

Information Removed

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SDG&E SERVICE STANDARDS & GUIDE

**ELECTRICAL METERING IN  
MID-RISE & HIGH-RISE BUILDINGS**

SG 510.2