

GLOSSARY

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A-BASE METER

An obsolete meter socket with the terminals and mounting arrangement not acceptable to Glendale *Water & Power*.

AVAILABLE SHORT CIRCUIT FAULT CURRENT

Available short circuit fault current is the short circuit current contributed to the service point by the serving utility's distribution system, if there is a fault at the service point.

BONDING (BONDED)

The permanent joining of metallic parts to form an electrically conductive path that will ensure electrical continuity and the capacity to conduct safely any current likely to be imposed.

LINE SIDE

The input terminals of any electrical equipment which are connected to the electrical energy supply system are referred to as the line side.

LOAD SIDE

The output terminals of any electrical equipment which are connected to electrical loads such as motors, lights, etc. are referred to as the load side.

CONDUCTORS, METERED

Conductors transmitting electrical energy which has been previously recorded by GWP's billing metering.

CONDUCTORS, UNMETERED

Conductors transmitting electrical energy which has not been previously recorded by GWP's billing metering.

COMMERCIAL DEVELOPMENTS

Enterprises engaged in trade or furnishing services such as shopping centers, sale enterprises, business offices, professional offices, educational complexes, governmental complexes, or multi-family residential occupancies served by one meter.

DISTRIBUTION PULL BOX

An underground pull box where electric service conductors originate for more than one customer.

END BELL

A fitting used to terminate PVC ducts in a terminating enclosure or pull box.

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EUSERC

EUSERC (Electric Utility Service Equipment Requirements Committee) is composed of electric utilities located in United States of America. The purpose of EUSERC is to promote uniform electric service requirements among the member utilities.

GENERAL ORDER 95

Rules for Overhead Line Construction prescribed by Public Utilities Commission of the State of California.

GENERAL ORDER 128

Rules for Underground Electric Supply and Communication Systems prescribed by Public Utilities Commission of the State of California.

GROUND

A conducting connection, whether intentional or accidental, between an electrical circuit or equipment and the earth, or to some conducting body that serves in place of the earth.

GROUNDED

Connected to earth or to some conducting body that serves in place of earth.

GROUNDING BUSHING

A fitting used at the termination of a metallic conduit, so a grounding conductor can be connected to it.

GWP

Glendale *Water & Power*

HOUSEKEEPING PAD

A concrete slab, the same size as the working clearance area used to elevate the service equipment.

INDUSTRIAL DEVELOPMENTS

Enterprises engaged in a process which creates a product or changes material into products.

MANDRELL

A steel ball pulled through a newly installed conduit to clear up debris and to ensure proper installation of the newly installed conduit. This ball is sized based on the conduit diameter.

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METER DISCONNECT SWITCH

A switch installed on the line or load side of meter sockets, safety socket boxes or switchboards.

NEC

National Electric Code

PARCELS

A contiguous piece of land which is usually a specific part of acreage. It may consist of one lot, several lots, or a defined area or areas and can be bisected by private or public streets.

PERISCOPE or WEATHERHEAD

A weather-proof fitting used to terminate rigid galvanized service conduit on the roof or above the parapet, for overhead services.

PIGGYBACK UNDERGROUND SERVICE

A temporary service panel equipped with meter socket, and GFI protected distribution breakers, plugged into the permanent electric meter socket. This panel is normally rented by the customer and is used for temporary construction purposes only.

POINT OF SERVICE DELIVERY

- (a) The location at which Glendale *Water & Power* installed service cables join the customer's service entrance conductors in one or more terminating enclosures.

- (b) The location at which customer's service entrance conductors join the Glendale *Water & Power's* facilities in a transformer room, vault, or enclosure.

PUBLIC RIGHT-OF-WAY

A public street, road, alley, walk or similarly dedicated thoroughfare.

PULL BOX

An enclosure for joining conductors which also provides by its size, arrangement and location, the necessary facilities for pulling conductors into place. Included in this classification are concrete subterranean type pull boxes, manholes, wall mounted pull boxes and switchboard pull sections, all of which are used as terminating enclosures. Concrete subterranean type pull boxes and vaults are also installed as intermediate structures in a service duct run.

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PULL SECTION

A section generally attached to the customer's switchboard where GWP's service conductors are terminated.

RACEWAY

An enclosed channel of metal or nonmetallic materials designed expressly for holding wires, cables, or busbars, with additional functions as permitted in the NEC. Raceways include, but are not limited to, rigid metal conduit, intermediate metal conduit, liquidtight flexible conduit, flexible metallic tubing, flexible metal conduit, electrical non-metallic conduit, wireways, and busways.

SAFETY SOCKET BOX

Commercial rated self-contained meter panels, usually provided with a test-by-pass switch.

SERVICE LATERAL

The duct from a pull box or vault of the Glendale *Water & Power's* underground distribution system to the curb or property line of a parcel or property.

SERVICE DROP

The overhead service conductors from the last pole or other aerial support to and including the splices, if any, connecting the service-entrance conductors at the building, or other structure.

SERVICE PULL BOX

See "PULL SECTION"

SERVICE WIRING RACEWAY

The raceway in which the customer's service entrance conductors are installed, which extends from the terminating enclosure or from a vault or enclosure on the customer's premises housing the Glendale *Water & Power* owned transformers, to the metering or service equipment.

SERVICE DUCT

A tube or conduit for enclosure of the Glendale *Water & Power* installed service cables only.

SERVICE ENTRANCE CONDUCTORS

The service conductors installed by the customer in the service wiring raceway.

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SERVICE CABLES

Only those cables and neutral conductors which are furnished, owned, installed and maintained by the Glendale *Water & Power* distribution system or overhead lines to the point of service delivery.

SERVICE HEAD

See "PERISCOPE"

SERVICE POINT

The point of connection between the facility of the serving utility (GWP) and the premises wiring.

SWITCHBOARD SERVICE SECTION

That part of switchboard specifically for the termination of GWP's service conductors and instrument transformers, when required. The revenue meters, test facilities and service main switch or breaker may also be located in this area. The instrument compartment of this section shall be isolated from the customer's switch or breakers. That part reserved for GWP's use shall be sealable.

TERMINATING ENCLOSURE

A Glendale *Water & Power* approved type of enclosure installed at the point of service delivery for the load end termination of the Glendale *Water & Power's* service cables, in which they join the customer's service entrance conductors. Included in this classification are concrete subterranean type pull boxes, manholes, wall mounted pull boxes and switchboard pull sections.

TERMINATING FACILITY

Any type of terminating enclosure or transformer enclosure in which a service duct terminates at its load end.

TEST BY-PASS DISCONNECT FACILITIES (TEST BLOCK)

An assembly used in conjunction with self-contained meter socket. They are designed to allow GWP to de-energize the meter socket without disconnecting service to the customer.

TEST SWITCH

An arrangement of small knife switches connected in the secondary instrument transformer circuit between the instrument transformers and associated meters and metering devices. The test switch is used by GWP to isolate the metering from instrument transformers. Also referred to as a meter test switch.

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TOTALIZED SERVICE

The output of meters of two or more services of the same class can be added or combined under GWP specifications.

UNDERGROUND STRUCTURE

Any duct, subterranean type pull box, vault or other underground type enclosure in which cables, transformers and similar equipment are installed.

UNDERGROUND DISTRICT

Underground district is a designated area where all services must be served underground.

UNDERGROUND DISTRIBUTION SYSTEM

An underground supply system employing underground structures, cables and other equipment located in a designated area on public right-of-way or utility easements and not including service cables in the customer's service duct.

WEATHERHEAD

See "PERISCOPE"