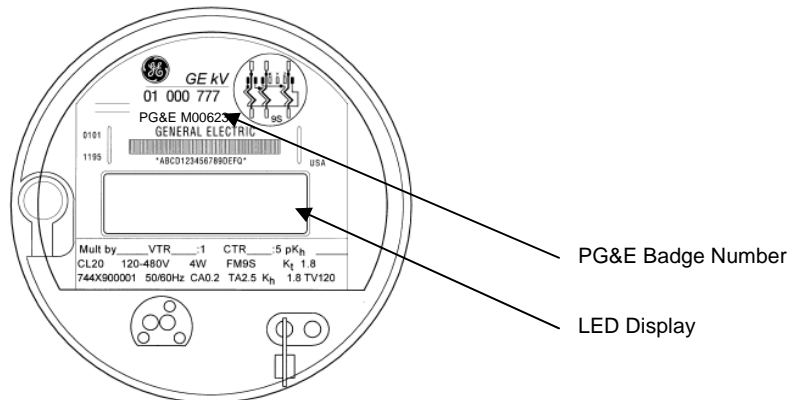


Time of Use (TOU) for PG&E Residential GE kV (Net) meters

A Guide to reading a Net TOU GE kV meter programmed with E7 Net rate

Most meters installed by PG&E for residential TOU Net Energy Metering accounts are General Electric kV meters. This guide is meant to help customers in reading General Electric kV meters only. Since meter displays are not standardized, this guide will not apply to any other meter model made by General Electric or other manufacturer.

The GE kV meter



The “Badge Number” is used by PG&E to identify the meter. The LED Display is where your usage data will be shown.

The LED display typically changes every six seconds. Each Display ID (see the table on page 2 of this document) with its corresponding information will be shown one after the other in a continuous sequence. The information displayed is determined by the billing rate (in your case, a TOU rate) programmed into the meter. A complete description (in a pdf file) of the residential TOU rate schedule can be found on PG&E’s web site at <http://www.pge.com/tariffs/pdf/E-7.pdf>. Links to spreadsheets listing current and historical rates can be found on the web site here: <http://www.pge.com/tariffs/electric.shtml>.

You will be able to see your total kilowatt hours (kWh) register (Display ID 04) constantly changing depending on how much energy you are either sending to or taking from the grid. Your peak hours (TOU kWh – Peak, Display ID 05) register will only change during peak hours. Peak hours are currently defined as noon to 6 p.m. Monday through Friday (including Holidays). The peak hours register and the total register are not in synch, so their numbers will not necessarily change at the same time. Off-Peak is computed by subtracting the peak kWh from the total kWh. Your meter will be read by PG&E each month and the reading (with computed credits and charges for energy usage) will be reported to you in your monthly bill. (See the NEM Welcome Letter for information on billing as well as payment options.)

Solid state meters like the kV have no moving disk as in the more common dial meters, but the display simulates the usage rate and direction of energy flow with an arrow and “moving blocks” (see the diagram on page 2 of this document).

You will also see other information displayed that is of a technical nature and has no affect on your bill. *This guide only explains the parts of the display which are used in calculating your bill.*

TOU net meters are programmed to start with an initial setting of 50,000 kilowatt hours (kWh) to prevent negative usage on the display if the customer exports more energy to PG&E than they import. PG&E’s billing system is designed to subtract each monthly read from the previous month; any net generation to PG&E’s system will be properly credited.

Display sequence for meters programmed with E7 and EA7 net rate.

Display ID	Value	Display Read Format
888	Segment Check	88.8.8.8.8
99	Instantaneous kW	004.80
01	Meter Date	MMDDYY
02	Meter Time	HH MM (24-hour format)
04	Total kWh	00000
05	TOU kWh - Peak	00000

The Display (only features relevant to billing are shown)

