How to read your customer generation meter

There are several different types of meters used for the customer generation programs across Pacific Power. The meters being used for all customer generation conform to the following example, although there may be slight differences, such as the number of digits displayed.

Register indicator ——→

LED bar display ——→

Figure 1

Energy reading

kW h

Register indicator

This is the register indicating how much energy has been consumed or generated. For customer generation, there can be a combination of a total of six registers that would be read. The most common registers are 14 and 24.

⑩ Register 14 is the total energy the site consumes from Pacific Power.

⑩ Register 24 is the total energy the site generates back to Pacific Power. Register 24 is not to be confused with the energy the site is actually generating, because most of that energy is being consumed by the site itself. The energy reading (see back) for register 24 will only increment if the site is producing more energy than it is using.

The other registers are 11, 12, 21 and 22.

These are the time-of-use reading for sites operating under a time-of-use rate schedule.

⑩ Register 11 is on-peak energy that the customer consumes.

⑩ Register 12 is off-peak energy that the customer consumes.

⑩ Register 21 is on-peak energy that the customer generates.

⑩ Register 22 is off-peak energy that the customer generates.

Energy reading

This is the actual register read/quantity as defined by the register indicator.

LED bar display

This display will show how the power is currently flowing through the meter. If the boxes in the display are lighting up from left to right with an arrow pointing to the right of the meter, the site is consuming power. If the boxes light up from right to left with the arrow pointing to the left of the meter, the site is generating power back to the company. In figure 1 the customer is consuming power.

If you any questions about customer generation, please call us toll free at **1-888-221-7070** and ask for a customer generation specialist.