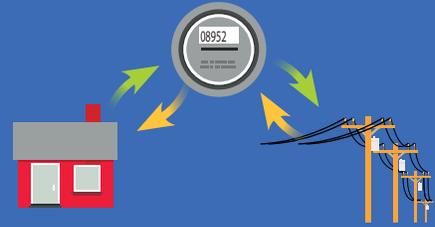


Customer Grid-Supply (CGS) Billing



Reading Your CGS Meter

A CGS meter is a bi-directional meter that registers the amount of electricity flowing to and from your house/facility.

- ◆ The electricity flow, measured in kWh, is tracked by three ID display codes (03, 33, 23) on the CGS Meter.
- ◆ For CGS bill calculations, code 03 (supplied to customer) and code 33 (received from customer) to determine credits. Note: code 23 is not used.

How Does CGS Billing Work?

If you are enrolled in the Customer Grid-Supply program, you will receive credit at a fixed rate, not the retail rate. When you are not using energy from your solar panels, you will likely use electricity from the utility charged at retail rate.

The CGS bill credit is calculated using the amount of energy received by the utility (code 33). If the amount used by the customer (code 03) is less than the amount received by the utility, then the credit is calculated on the lesser amount. Excess energy credits remaining at the end of the month do not carry over the following month.

- ◆ Credit is based on the lesser of
 - Energy sent to the customer from utility's grid (code 03) -or-
 - Energy sent from rooftop solar or photovoltaic (PV) system to the utility's grid (code 33)
- ◆ If your Net Bill amount is less than the Monthly Minimum Bill amount, then you will be charged the Monthly Minimum Bill amount.
 - \$25 for Residential + Green Infrastructure Fee (GIF)
 - \$50 for small Commercial + Green Infrastructure Fee (GIF)

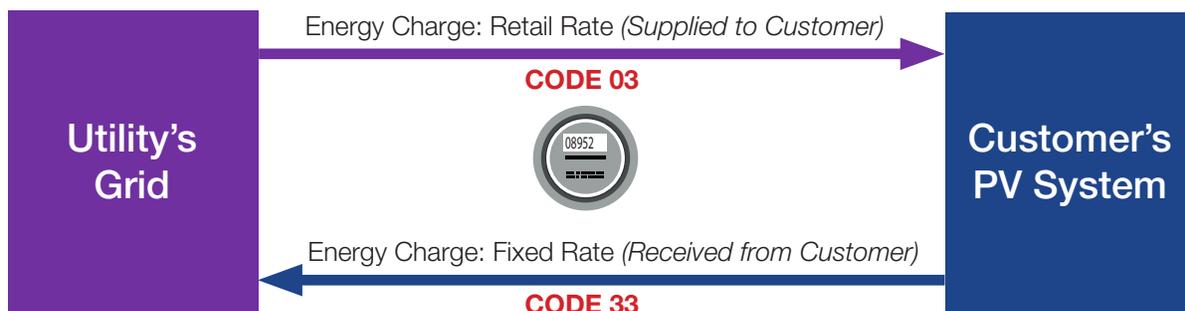
IMPORTANT METER CODES



03 - Supplied to Customer



33 - Received from Customer



Customer Grid-Supply (CGS) Billing Examples

Example 1: Bill That Exceeds the Minimum Bill

Steps to Calculate Bill:

- Determine lesser of Utility Supplied kWh vs. Utility Received kWh
 - ◆ Example:
 - Utility Supplied: 350 kWh, Utility Received: 412 kWh, **Credit is based on lesser amount: 350 kWh**
- Calculate your Customer Grid Supply credit (\$0.1507, Oahu Rate)
 - ◆ $(350 * \$0.1507) = \52.75
- Apply credit to bill
 - ◆ $\$97.92 \text{ Bill No Credit} - \$52.75 \text{ CGS Credit} = \$45.17 \text{ Customer Bill}$

	Utility Supplied (kWh)	Retail Rate	Bill (before credit applied)	Utility Received (kWh)	Lesser of kWh	Calculated Credit	Net Bill
Example:	350	\$0.25/kWh +\$9.00 Customer Charge +\$1.42 GIF	\$97.92	412	350	\$52.75	\$45.17
<i>Bill based on kWh Customer used</i>				<i>kWh Customer Supplied to Utility</i>	<i>Final bill with credit applied</i>		

Example 2: Minimum Bill

Steps to Calculate Bill Resulting in a Minimum Bill:

- Determine lesser of Utility Supplied kWh vs. Utility Received kWh
 - ◆ Example:
 - Utility Supplied: 150 kWh, Utility Received: 250 kWh, **Credit is based on lesser amount of 150 kWh**
- Calculate your Customer Grid Supply credit (\$0.1507, Oahu Rate)
 - ◆ $(150 * \$0.1507) = \22.61
- Apply credit to bill
 - ◆ $\$47.92 \text{ Bill No Credit} - \$22.61 \text{ Customer Grid Supply Credit} = \25.31
 - ◆ $\$25.31 < \text{Minimum Bill} \rightarrow \$26.42 \text{ Customer Bill}$

	Utility Supplied (kWh)	Retail Rate	Bill (before credit applied)	Utility Received (kWh)	Lesser of kWh	Calculated Credit	Net Bill
Example:	150	\$0.25/kWh +\$9.00 Customer Charge +\$1.42 GIF	\$47.92	250	150	\$22.61	\$26.42
<i>Bill based on kWh Customer used</i>				<i>kWh Customer Supplied to Utility</i>	<i>Final bill with credit applied. Customer received minimum bill of \$25.00 with \$1.42 GIF (\$26.42)</i>		

GIF: Green Infrastructure Fee

Customer Charge: Covers some of the fixed costs of maintaining electric service to your home, whether you used any electricity or not. These costs include reading your meter and processing your bill.



Hawaiian
Electric

www.hawaiianelectric.com