NET METERING

Solar Array (SA)
Creates Power for direct use in home.

SA Feeds Household Load (Use) immediately. If there is excess power after solar energy power is used, it is sent through the meter and considered to be outflow. Meter is keeping track immediately as solar panels are producing electricity. When the panels are producing more than house is consuming it is considered to be metered outflow.

EXAMPLE: If solar is creating 2 kWh at a point in time and home is using 1 kWh then 1 kWh is considered to be Metered Outflow.

If solar is creating 2 kWh at a point in time and home is using 3 kWh, then 1 kWh is considered to be Metered Inflow.

Meter
Records Inflow & Outflow

*Metered Inflow = Amount Supplied by Power Company once the solar electricity is "used up".

*Metered Outflow = The amount of electricity recorded when the house is satisfied. The balance is then exported as

Grid
Feeds the demand of the home when the solar array is not creating the amount of electricity the home is demanding. This is considered to be metered inflow.

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To the right are the categories on the Consumers Energy Net Metering document sent monthly in their customer bills.

The numbers are based on the previous page explanation. Rates line up with your electrical bill rates.

Net Excess Generation Credit Balance is taken off the next billing period bill.

NOTE: The power company only knows what the meter is telling them. They do not recognize the Solar Array Production. They keep track of outflow & inflow recorded through their meter.