

## INTERESTED IN SOLAR?

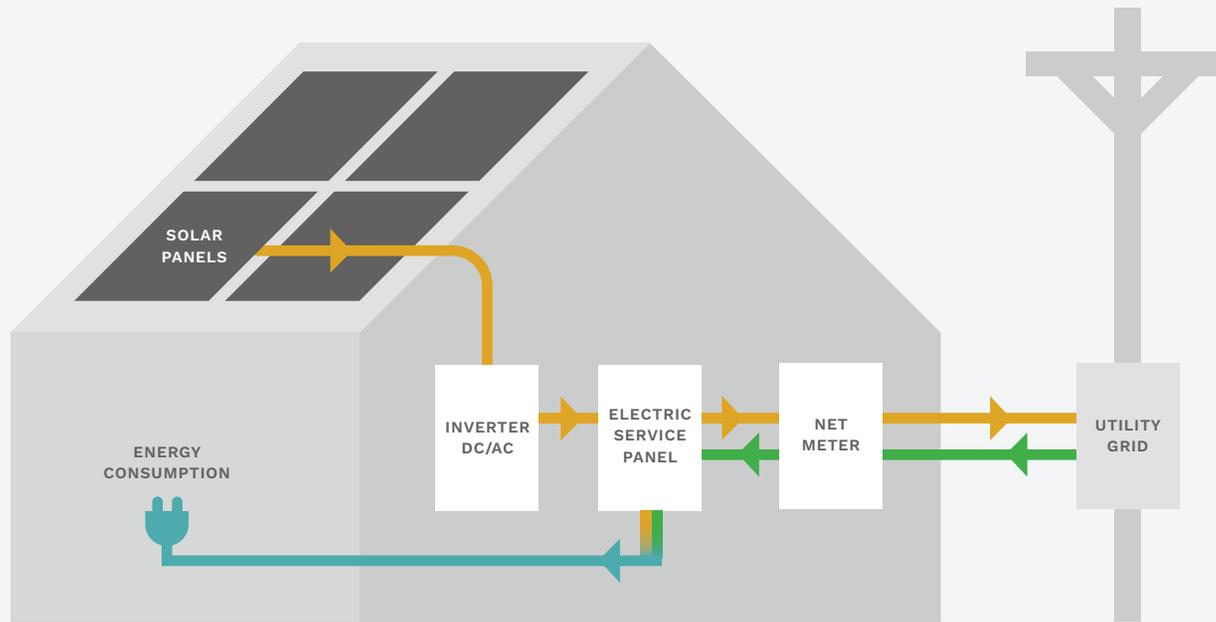
Learn how  
net metering  
works



Net metering is a billing mechanism that credits homeowners or businesses for electricity added to the Holy Cross Energy (HCE) grid from a renewable generator, such as solar panels.

A net meter measures the electricity that flows across it, either into your home or back to the grid.

# CONSUMPTION, GENERATION, & USAGE



When your solar system generates more electricity than your onsite electric use, your **excess generation (Gen)** flows back to the grid.

When you use more electricity onsite than your solar system generates, you consume **electricity from the grid (Cons)**.

Each month, HCE calculates the difference between the electricity you pull from the grid (Cons) and the excess generation you push onto the grid (Gen). This quantity is your **monthly net usage (Net)**.

## Your bill will include:

Banked kWh Status  
 Delivery Charge (**Cons**)  
 Energy Charge  
 — only if (**Net > Bank**)  
 Peak Demand Charge  
 Membership Fee  
 WeCARE Fee

## Banked kWh - Offset Energy Charges in Future Months

- When you generate more electricity than you use, the unused kilowatt-hours (kWh) go into a kWh bank at the end of each month. Any unused banked kWh are carried forward to offset your Energy Charge in a future month.
- When you use more electricity than you generate, you will first use up any kWh in your bank. Then, you will pay for an Energy Charge for any net electricity you use from the grid.
- Minimum Monthly Charge: Banked kWh can only be used to offset your Energy Charge; you will always be responsible for your monthly Membership Fee, Peak Demand Charge, Delivery Charge, and any taxes.
- Annually in April, we will pay you for any unused kWh and “zero out” your banked kWh. We calculate your payment by multiplying any unused banked kWh by our average wholesale power cost for the prior year.

## Self-consumption - remember, you are never billed for your solar that you consume yourself.

The true value of your solar investment comes from the amount of electricity you consume while your solar panels are producing energy.

- You can typically view the electricity your solar system generates through your inverter app, without needing a production meter.
- Since you are billed only on the data from your net meter, which records power flows in and out of your home or business, we do not require or encourage Members to install a production meter.
- You can access hourly information for your Net Meter on SmartHub, a data portal available 24/7 on our website ([holycross.com](http://holycross.com)).

# UNDERSTANDING YOUR NET METERING BILL

This bill depicts a month when the Member has used more grid electricity (**Cons**) than they pushed onto the grid (**Gen**).

The net value (**Net**) is deducted from the member's bank.

This billing statement does not reflect an "Energy Charge" line item where "Usage Units" and "Rate" values are designated. This happens when there was more energy sent back to the grid from excess solar production, or when energy was used from their bank.

**CONS - GEN = NET**

**1,903 - 251 = 1,652 KWH**

## EXAMPLE 1

a small residential solar Member using banked kWh.

Account Number: 123456789

Service Address: 123 Main Street PV

Service Map: #####

Meter	Usage Period	Start Reading	End Reading	Multiplier	Meter kWh	Demand Date/Time	Rate
##### - Cons	12/01 - 01/01	14378	16281	1	1,903		99
##### - Gen	12/01 - 01/01	19203	19454	1	251		99
##### - Net	12/01 - 01/01	93543	93543	1	1,652	12/27/2023 17:29:00	1N

Banked kWh Before Billing: 2,212

Banked kWh Used: 1,652

Banked kWh After Billing: 560

Description	Usage Units	Rate	Charge
Membership Fee			\$16.00
Delivery Charge	1,903 kWh	\$0.035	\$66.60
Peak Demand Charge	14.54 kW	\$1.2500	\$18.18
Current Electric Charges			<u>\$100.78</u>
WE CARE Surcharge		2.0%	\$2.01
Other Charges			<u>\$2.01</u>
Current Balance			\$102.79

### ##### - Cons

The Net Consumption line shows electricity delivered to you from the grid (1,903 kWh).

This occurs when your PV system is not generating, such as after dark.

This total is assessed a Delivery Charge.

### ##### - Gen

The Net Generation line shows electricity that flows back into the grid (251 kWh).

This occurs when your solar system is generating more than you are using, such as during the middle of a sunny day.

### ##### - Net

The Net Usage line shows net usage for a billing period (1,652 kWh).

Cons - Gen = Net



**If Net is negative** - These unused kWh are added to your banked kWh total.

**If Net is positive** - These used kWh are subtracted from your banked kWh total.

**If Net is positive & your bank is less than your Net** - You will see an Energy Charge line item for the difference between your Net and your Bank (Net - Bank).

# UNDERSTANDING YOUR NET METERING BILL

This bill also depicts a month when the member has used more grid electricity (**Cons**) than they pushed onto the grid (**Gen**).

But since the Member has fewer kWh left in their Bank (444) than their net value that month (**Net**: 1,652), an Energy Charge line item will display on this bill, accounting for the remaining Net kWh that are not offset by the bank (1,208 kWh).

## EXAMPLE 2

a small residential solar Member whose Banked kWh total is less than their total Net usage for that month.

**Account Number: 123456789**

**Service Address: 123 Main Street PV**

**Service Map: #####**

Meter	Usage Period	Start Reading	End Reading	Multiplier	Meter kWh	Demand Date/Time	Rate
##### - Cons	12/01 - 01/01	14378	16281	1	1,903		99
##### - Gen	12/01 - 01/01	19203	19454	1	251		99
##### - Net	12/01 - 01/01	93543	93543	1	1,652	12/27/2023 17:29:00	1N

**Banked kWh Before Billing: 444**

**Banked kWh Used: 444**

**Banked kWh After Billing: 0**

Description	Usage Units	Rate	Charge
Membership Fee			\$16.00
Energy Charge	1,208 kWh	\$0.0650	\$78.52
Delivery Charge	1,903 kWh	\$0.0035	\$66.60
Peak Demand Charge	14.54 kW	\$1.2500	\$18.18
<b>Current Electric Charges</b>			<b>\$179.30</b>
WE CARE Surcharge		2.0%	\$3.59
Other Charges			\$3.59
<b>Current Balance</b>			<b>\$182.89</b>

### ##### - Cons

As with the other example, all kWh pulled from the grid (Cons) are charged the Delivery Charge.

### ##### - Gen

As with the other example, this line shows electricity that flows back into the grid from your net meter. This number does not tie directly to any bill line items, but is used to calculate the Net Usage for the billing period.

### ##### - Net

The Net Usage line shows net usage for a billing period (1,652 kWh).

$$\text{Cons} - \text{Gen} = \text{Net}$$

**If Net is negative** - These unused kWh are added to your banked kWh total.

**If Net is positive** - These used kWh are subtracted from your banked kWh total.

**If Net is positive & your Bank is less than your Net** - You will see an Energy Charge line item for the difference between your Net and your Bank (Net - Bank).

# UNDERSTANDING YOUR BANK & ADDITIONAL CHARGES

## Banked kWh Before Billing:

Represents electricity you've carried over from a prior month when you generated more than you used.

## Banked kWh Used:

Equals your **Net** Usage for the month.

If your Net Usage is negative, your bank will grow.

## Banked kWh After Billing:

The current balance in your bank after this bill was calculated.

## Remember - Other Charges Still Apply

Please note that if your Banked kWh offsets your Energy Charges in a billing month, you will still be subject to the Delivery Charge on all electricity that's delivered to you from the grid.

Members are also responsible for their Peak Demand Charge, Membership Fee, WECARE Surcharge, and any applicable taxes or fees each month. For a full explanation of these bill line items, please visit [holycross.com/bill](http://holycross.com/bill).

## Annual Bank Payouts

Annually in April, we will pay you for any unused kWh and "zero out" your banked kWh. We calculate your payment by multiplying any unused banked kWh by our average wholesale power cost for the prior year.

**Account Number: 123456789**

**Service Address: 123 Main Street PV**

Meter	Usage Period	Start Reading	End Reading	Meter kWh
##### - Cons	12/01 - 01/01	14378	16281	1,903
##### - Gen	12/01 - 01/01	19203	19454	251
##### - Net	12/01 - 01/01	93543	93543	1,652

**Banked kWh Before Billing: 2,212**

**Banked kWh Used: 1,652**

**Banked kWh After Billing: 560**

Description	Usage Units	Rate
Membership Fee		
Delivery Charge	1,903 kWh	\$0.035
Peak Demand Charge	14.54 kW	\$1.250
<b>Current Electric Charges</b>		
WE CARE Surcharge		2.0%
Other Charges		
<b>Current Balance</b>		



QUESTIONS?

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