

WANT TO INSTALL SOLAR?

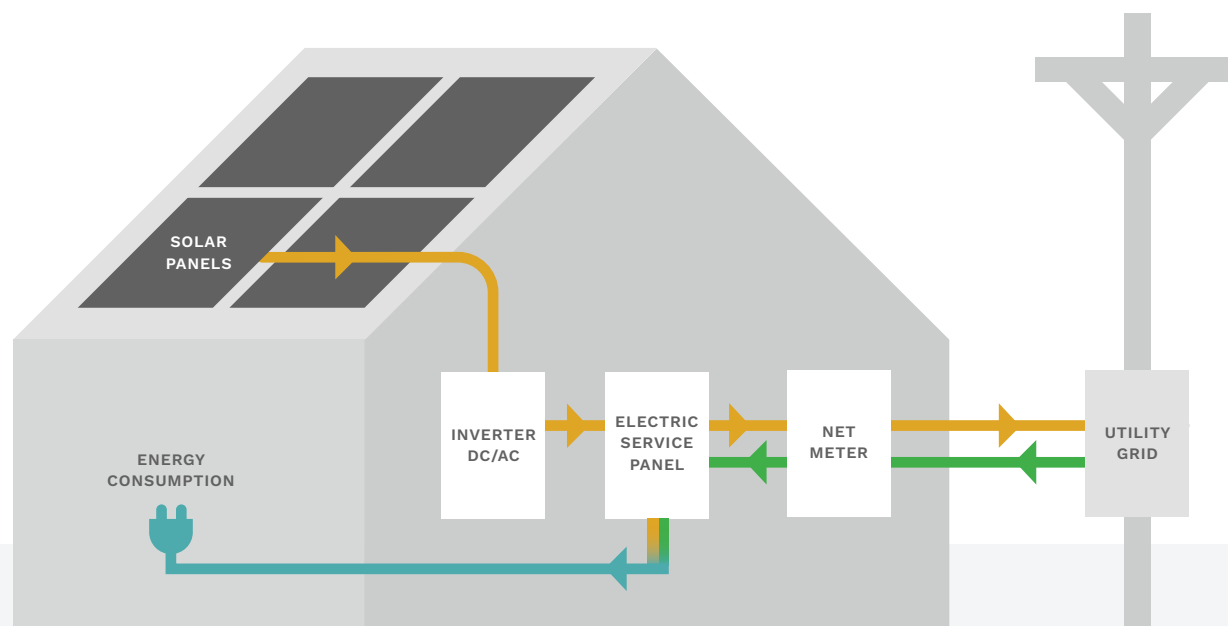
Learn how
net metering
works



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.

The net meter can only measure the electricity that flows across it, either into your home or back to the grid. Without a production meter, HCE does not know how much power your generator produced, only how much flowed back to the HCE grid.

CONSUMPTION, GENERATION, & USAGE



- ◀ When you use more electricity onsite than your solar system generates, you consume **electricity from the grid**.
- ▶ When your solar system generates more electricity than your onsite electric use, your **excess generation** flows back to the grid.
- ◀ ▶ Each month, HCE calculates the difference between your generation and your use. This quantity, your **monthly net usage**, is used to calculate your bill

Banked kWh

- When generation exceeds consumption, 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 electric use in a future month.
- Minimum Monthly Charge: Banked kWh can only be used to pay for consumed kWh (Energy Charge); you will always be responsible for your monthly customer charge plus applicable fees, taxes, and surcharges.
- When you use more electricity than you generate, you will first use up any kWh in your bank. Then, you will pay for any net electricity usage from the grid.
- 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.

Net Meter vs. Production Meter

- We no longer require or encourage Members to install a production meter. You are billed only on the data from your net meter, which records power flows in and out of your home or business.
- You can typically view the electricity your PV system generates through your inverter app, without needing 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).

UNDERSTANDING YOUR BILL

The second page of your billing statement details how charges are calculated.

This scenario shows a solar system with no production meter using banked kWh.

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

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	12/27/2022 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
Customer Charge			\$12.00
Demand Charge	14.54 kW	\$0.00	\$0.00
Current Electric Charges			\$12.00
WE CARE Surcharge		2.0%	\$0.24
Other Charges			\$0.24
Current Balance			\$12.24

- Cons

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

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

- 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).

This value is calculated by subtracting Gen from Cons.

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, and your bank is zero, you will see an Energy Charge line item for these Net kWh.

UNDERSTANDING YOUR BANK

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 kWh bank offsets all electricity used in a billing month, you will still be subject to the Customer Charge, WE CARE Surcharge, and any applicable taxes or fees. The Customer Charge pays for metering, billing, and a part of our member service costs.

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	Mult
##### - Cons	12/01 - 01/01	14378	16281	
##### - Gen	12/01 - 01/01	19203	19454	
##### - Net	12/01 - 01/01	93543	93543	

Banked kWh Before Billing: 2,212

Banked kWh Used: 1,652

Banked kWh After Billing: 560

Description

Customer Charge

Demand Charge

Current Electric Charges

WE CARE Surcharge

Other Charges

Current Balance

Usage Unit

14.54 kW



QUESTIONS?

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