Maximize your solar array with advanced meters + net metering

What is net metering?

Net metering is a billing mechanism that allows customers who generate their own electricity (e.g. with solar panels) to offset usage and receive bill credits for any excess generation exported to the grid. This helps reduce electricity costs and supports the transition to renewable energy.

How advanced meters enhance net metering

Advanced meters bring significant improvements to net metering systems, benefiting both solar customers and utilities. These meters facilitate better grid integration and provide customers with valuable insights to optimize their energy consumption.

Delivered and received bill readings—and where to see your solar production.

Your solar production data may be available through your inverter manufacturer's app, website or your solar generation meter. Our electric meter does not measure total solar production. It only records:

• Energy you use from the grid (delivered)
• Energy you send back to the grid (received)

How billing works

Each month, you are billed based on the net energy usage. This net value determines your monthly bill, not your total solar production. The benefit of your new Advanced Metering Functionality (AMF) meter is you are able to view both delivered and received readings on your bill and in the AMF Portal to help you better manage your energy usage.

Delivered Readings (Channel 1)

When your solar system doesn't meet your energy needs—such as at night or during high usage periods—you draw electricity from the grid. This is recorded as the delivered reading on your bill.

Received Readings (Channel 2)

When your solar system generates more energy than you use, the excess is sent back to the grid. This is the received reading on your bill. Your home uses solar energy first and only unused kWh are sent to the grid.

YOUR ENERGY
YOUR WAY

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Calculating Total Household Usage

To estimate your total monthly energy usage:

• Add the solar kWh you produced (from your inverter or solar meter) to the net kWh shown on your bill

• If your net usage is negative (you exported more than you imported), subtract that amount instead

Make sure your solar production data matches the same billing period.

CHANNEL 1: Delivered kWh are measured on your meter.

CHANNEL 2: Excess or unused kWh are measured on your meter.

The number of kWh produced by your solar system **+** The net number of kWh RIE Electric billed you for **=** **Total kWh** load you used

Even if you return more electricity to the grid than you use, you will still receive an electric bill for basic electric service.

Net Metering Credits

Your bill includes a net metering summary:

• Delivered kWh = energy drawn from the grid
• Received kWh = excess solar returned to the grid
• The difference is your net usage

If received kWh exceed delivered kWh, the extra net metering credits roll over for future use. On a monthly basis, any unused credits roll over on the customer's account, with an annual cash-out option available.

ENERGY **DELIVERED TO YOU** **—** ENERGY **RECEIVED FROM YOU** **=** **NET ENERGY**

Start enjoying a smarter, more reliable energy system. For more information, please visit **RIEnergy.com/AdvancedMeters**.

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