

# Net metering—how it works



1

Solar panels\* convert energy from the sun into direct current (DC) electricity.

2

The inverters convert the DC electricity into alternating current (AC) electricity, which is what your home or business and our distribution system use. It also ensures that the electricity you generate meets our power quality and reliability standards. Most inverters are web-enabled allowing you to monitor your full electricity generation.

3

The electricity your system generates powers your home or business first, and excess is sent to the distribution grid.

4

Your smart meter measures how much of the electricity supplied by BC Hydro you've used, and how much excess you've sent to the grid.

5

Your excess generation is credited to you on your next bill. Any generation credits that remain on your anniversary date are paid out at the market price.

\*Our net metering program is open to all sources of clean or renewable energy generation as identified in the *Clean Energy Act*. This includes solar, wind, hydro, etc.