

POWERHOUSE™

DOW SOLAR

How the sun and DOW POWERHOUSE™ Solar Shingles work together to power your home — and your life.



1 DOW POWERHOUSE™ SOLAR SHINGLE ARRAY

When sunlight hits the solar cells in your custom array, photons are absorbed, releasing electrons and creating electrical current.



2 MAKING THE CONNECTION

The electricity enters your home through a wire connected to the home's Solar Inverter.



3 POWERING YOUR HOME

The Solar Inverter converts the direct current (DC) to usable alternating current (AC), which is fed into the electrical distribution panel to power your home.

4 SAVING YOU MONEY

Net metering allows you to receive credit for any energy you create. This reduces your dependence on the utility company and decreases your utility bill.