

N<sup>ORTHWEST</sup>  
RENEWABLES

ELEVATING  
ENERGY  
INDEPENDENCE



# SOLAR SOLUTIONS

FOR YOUR NEW  
GREENSTONE HOME

| lower energy bills &  
increased peace-of-mind

# HOW SOLAR WORKS



It's with good reason Spokane is Salish for *Children of the Sun*.

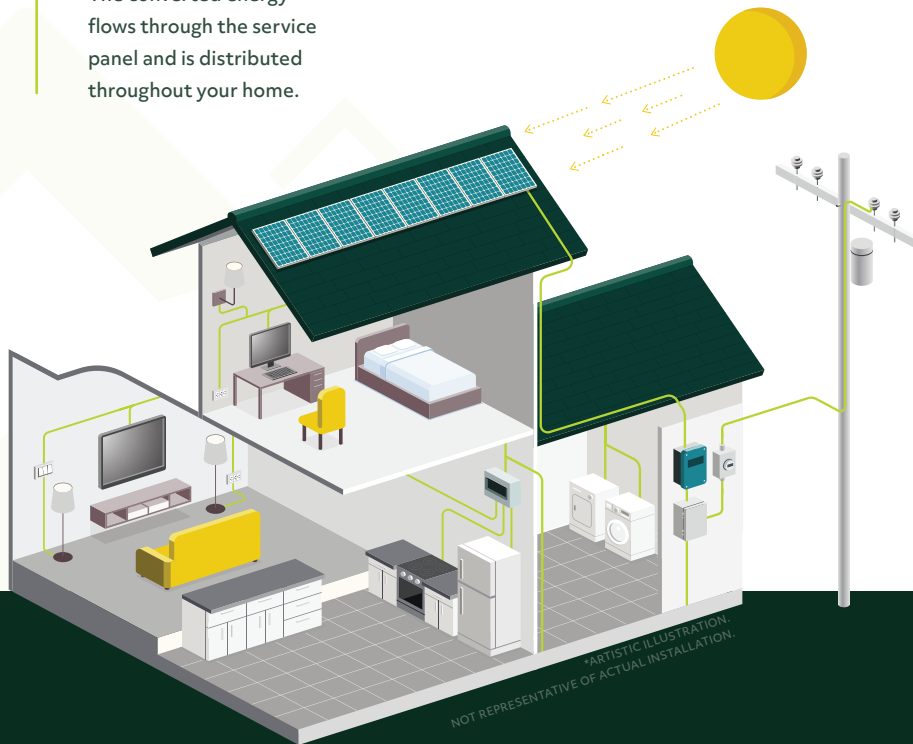
Long summer days and a cool climate make the Inland Northwest ideal for solar performance.



The utility company credits additional energy generated in the summer against your winter energy bills.

Plus, you'll receive a federal tax credit for 30% of your system's cost.

- 1 Solar panels capture sunlight in photovoltaic cells.
- 2 Sunlight is converted to usable energy by an inverter.
- 3 The converted energy flows through the service panel and is distributed throughout your home.
- 4 Energy flow is continually measured by the net meter and the monitoring system allows you to track system performance in real time.



NWR<sup>^</sup>

(509) 443-4526

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# STANDARD COMPONENTS

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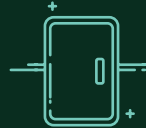
## Standard System

Solar panels convert sunlight into electricity, using silicon-based photovoltaic cells to turn light energy into electric energy — even on cloudy days.



## Inverter

Inverters change your panels' DC power into AC. The inverter box is mounted near your garage electrical panel.



## Service Panel

Your home's main service panel is connected to the inverter, bringing the solar electricity into your home to power lights and appliances.



## Net Meter

A net meter measures electricity flow to and from your home. If you generate more energy than you use, power flows to the utility grid and the utility company credits you.



## Monitoring System

A cloud-based app lets you monitor your system's performance in real time, panel by panel. Sit back and watch the sun make money for you!

## SYSTEM ENHANCEMENT OPTIONS

To expand your home's solar array, add backup batteries, or an EV charger contact Northwest Renewables at 509-443-4526 or [info@northwestrenewables.com](mailto:info@northwestrenewables.com).



### Solar Panel Expansion

Additional panels can offset up to 100% of your home's electrical consumption.



### Backup Batteries

Backup batteries keep critical powerloads running during grid outages.



### Electric Vehicle Charger

Add an electric vehicle charger and power your car with solar energy, too!



## OUR GUARANTEE

Along with the peace-of-mind provided by a Northwest Renewables Solar System—designed and installed by our highly-trained experts—we offer these guarantees:

### **25-year linear power production warranty on Solar Modules**

Each of your system's Solar Modules will produce at least 98% of their nominal power during the first year. In each year they will degrade by no more than 0.5% per year so that at the end of year 25 they are producing an amount greater than or equal to 86% of their nominal power.

### **25-year workmanship & material warranty on Power Optimizers**

Each of your system's Power Optimizers shall perform as intended for a 25-year period from their shipment from the factory.

### **12-year workmanship & material warranty on Inverters**

Your system's Inverter shall perform as intended for a 12-year period from its shipment from the factory.

### **5-year workmanship & material warranty on Cellular Communications Kit**

Your system's Cellular Communication kit shall perform as intended for a 5-year period from its shipment from the factory.