

About Us



Sustainability Ambassadors is a professional development program for student leaders, teacher leaders and community leaders committed to **educating for sustainability** by aligning classroom rigor with community relevance for real world impact.



We are passionate about contributing to a greener planet that does not depend on energy from fossil fuels. We aim to accelerate the adoption of the abundant and free Solar Energy that nature provides us to create clean energy independence and resilience in our communities.

We provide:

- Solar installation
- EV charging
- Battery backup
- Energy analysis
- Turnkey system design

About Solar PV Systems



Does Solar Work in Washington?

Yes! Washington receives 15% more sunlight than Germany, a world leader in solar energy. Cooler temperatures also maximize solar photovoltaic (PV) efficiency and lifespan.

What is an average system?

- Size is measured in kilowatts (kW)
- System production is measured in kilowatt-hours (kWh)
- 1 kW of solar PV produces 1000-1100 kWh/yr in Western Washington
- Average home uses about 12,000 kWh/yr,
- 12 kW of solar PV would power the average home 100%

What size system should I get?

The size of your system depends on

- Budget
- Orientation
- Roof space
- Electricity use
- Desired energy offset

When you receive your free site assessment, the design consultant will help identify your needs.

Solar Neighborhood Challenge 2020



In Partnership between Sustainability Ambassadors and Sphere Solar Energy



Why Join the Challenge



Energy resilience Solar panel and battery storage allows you to be independent from the grid and resilient to natural events and disasters.



Make money, save money If your solar panels make more electricity than you use or consume, the utility credits you for your extra electricity.



The environment By investing in solar panels for your home, you can stop purchasing electricity created from coal and fossil fuels.



For every 10 homes that participate in this challenge, Sphere Solar Energy will donate \$500 toward this annual challenge.



For every 30 homes that participate, Sphere Solar Energy will donate a solar-powered water pump to the Maasai tribe, located in Kenya.

Discounts and Incentives

- + **Challenge Discount:** Sphere Solar Energy is offering a special **5%** discount for your entire installation, on top of all the other incentives.
- + **Source Locally:** Sphere Solar Energy is offering an additional **5%** discount on solar panels made in Washington state.
- + **Federal Tax Credit:** You can claim **26%** of the total project during 2020 (steps down December 31st, 2020)
- + **Zero Sales Tax:** Washington state is exempting the sales tax on solar projects. In Seattle, this is **10.1%**
- + **Net metering:** Save money on your electricity bill by paying only for what you need, and receive credit from the utility for your surplus electricity. This is approximately **1%-2%** in savings

= 42%-48% OFF!

Financing: There are options with terms up to 15 years, loan amounts up to \$50,000, and fixed rates as low as 3.25%

Factors such as roof height, slope, and material may affect the price. When you receive your free site assessment, the consultant will give you a specific quote.

Contact Us

Your local Sustainability Ambassador will set up your free site assessment. Reach us if you have any questions!



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Your Solar Project

After your free site assessment, these are the next steps with Sphere Solar Energy:

1. Review your project proposal, and accept.
2. We review the site to develop a customized engineering plan.
3. We secure permits and approval from the utility.
4. We commission and install your solar panel system.
5. See savings and credits on your electricity bill.
6. Recommend solar to your friends and family!