



Welcome to your future with storage

A customized proposal for

Odd Fellows Hall

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Eastsound, WA 98245

Contact

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Thank you for your interest in a battery storage system from Rainshadow Solar.

Rainshadow Solar has been providing renewable energy installations in San Juan County for the last 37 years, making us the oldest solar installer in the state of Washington.

This proposal is for a battery storage system to be installed at Odd Fellows Hall on Orcas Island.

Your Storage Setup

Battery

FranklinWH aPower 2

Capacity

15 kWh

Output

10kW

Operating Mode

Self Consumption and Backup

Save power for an unexpected outage and limit grid use by consuming the energy you produce.

Estimated battery backup duration

Appliances: **1 day**

Essentials: **3 days**

Our electricians will work with you to create a robust battery backup system that fits your needs.



During an outage the FranklinWH seamlessly transfers to battery power. The PV array charges the batteries, prolonging the amount of time the battery can provide backup power to critical loads.

The FranklinWH battery system carries an industry-leading 15-year warranty.

The FranklinWH can be utilized to prolong the usage of your solar after the sun goes down. Excess solar is stored in the battery and then used later in the day and throughout the night. The user-defined reserve battery capacity is always available to power the house in the event of a grid outage.

15kW FranklinWH battery cost: \$21,495*

Optional accessories (generator or smart circuit modules): \$1,387*

Battery materials deposit: \$11,500

*battery system components associated with a new or existing solar array are exempt from WA state sales tax.

Your Storage Setup

Why Battery Storage in San Juan County?

Peace of Mind - San Juan County relies on underwater transmission of electricity from the mainland and overhead power lines to homes and businesses on the 20 islands with grid power. In past years, there were planned and unplanned power outages. Backup power provides peace of mind to keep the lights on, as well as the fridge and freezer (and other “critical” loads).

Return on Investment - Unlike diesel or propane (LPG) generators, there is the potential in the future to offset the cost of your battery since our systems allow you to capitalize on “time of use” energy pricing. “Time of use” means utilities charge different rates at different times of the day; if a customer is willing to use electricity during lower demand hours, they can pay less than during the “peak” times of day. Our battery systems allow you to program when the battery or grid provides energy for your house.

Complements Renewable Energy - If you already have or are thinking about installing solar, a battery can store solar power to use when the sun is not shining. When your battery is charged, you can send the excess solar back to the grid. During a power outage, a solar array continues to charge a battery during the day, meaning you may need to only rely on the battery at night. With proper load sizing, a solar and battery system can provide indefinite power during a grid outage. By choosing to install solar and battery on your property, you are also helping utilities meet increased demand with renewable energy production and use.

Support a Local Business - Rainshadow Solar & Energy Solutions is a locally-owned and operated small business, based on Orcas Island. All 11 of our employees live on Orcas Island, including eight licensed electricians and electrical trainees.



Please note that the costs estimated are good for 30 days from receipt of this proposal. Included in the total cost of installation are:

- Materials for all electrical and mechanical aspects of the installation,
- Installation labor,
- Coordination with the WA Department of Labor and Industries for electrical inspection,
- Coordination with San Juan County for a mechanical building permit,
- Coordination with OPALCO for setting of a new bi-directional utility meter, and
- Completion of supplemental materials for your Interconnect Agreement and Application.

A full materials deposit is required for us to place you on the schedule for installation. After the system has been installed and received inspection approval, OPALCO will set your new bi-directional meter, and the system will be operational.

We appreciate your business and hope you'll consider us for your project.

Have questions?

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solar, battery and electrical solutions