

The Schreiner Residence
313 East 13th Street
(across from the library on Lauridsen Blvd)
Port Angeles, WA 98362



SOLAR PHOTOVOLTAIC SYSTEM

Xantrex GT2.5 2500 Watt Grid-Tie Inverter
Evergreen 180 SL 180 Watt Spruce Line Photovoltaic Panels (8) on roof
Uni-Rac Solar Mount (flush mount system)
Conventional KWh Meter and Base (for production metering)

The grid-tie inverter provides 240 Volt AC power to the utility grid, per a Net Metering Agreement. In May the 1440 Watt array was already producing over 7 KWh per day at the inverter output. Provisioning enables capture of incentives in the future, including doubling the PV array size, possibly with a pole mount installation in the back yard. The system is maintenance-free and requires only casual monitoring.

The City of Port Angeles utility is planning to offer renewable energy production incentive payments, per the Senate bills passed in July 2005. This owner should receive over \$400 per year through 2014 or later (if the utility chooses) in incentive payments, on top of the avoided retail cost (over \$150 per year), a \$500 per KW rebate from the city utility, and a \$2,000 federal tax credit.

The photovoltaic system was developed by Olympic Energy Systems, Inc. Greenspace installed the PV array and Hanson Electric performed the electrical installation. Olympic Energy Systems emphasizes energy awareness, conservation, and efficiency measures first and foremost, above and beyond installation of renewable energy systems.



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