TC Legend Homes LLC

Lynden Powerhouse | Lynden, WA











PROJECT DATA

- **Layout:** 5 bed, 5.0 bath, 2 fl, 2391 ft^2
- **Climate:** 2018 IECC Mixed Marine South
- **Category:** Custom

Modeled Performance Data

- **ERI:** without PV 3
- **Annual Energy Costs:** without PV $1,104
- **Annual Energy Cost Savings:** without PV $1,850
- **Annual Energy Savings:** without PV 11,650 kWh
- **Savings in the First 30 Years:** without PV $77,550

TESTIMONIAL

As we near retirement, we wanted to create a home …that is accessible, has low operating costs, requires little maintenance, and has the flexibility to accommodate guests and family members …by applying the latest building science thinking to create the most energy-efficient house we could….To support healthy living during smoke seasons, all air intakes were filtered to minimize hazardous particles. Regardless of condition, occupants will always have plenty of fresh air.
- Homeowners

KEY FEATURES

- Air-to-water heat pump
- All-electric home
- Energy / Heat recovery ventilator
- Electric Vehicle Charger Installed or Wired for Charger
- Heat pump water heater
- Insulated concrete form (ICF) walls and/or foundation
- Photovoltaics
- Battery storage
- Sensor controls for better indoor air quality
- Structural insulated panel (SIP) walls or walls and roof
- Triple-pane windows
- Unvented insulated attic
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25
- Hot Water Recirculation Pump

CONTACT

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