

Leadership



Both a solar hot water heater (panels on left side of roof) and 4.9 kW solar PV array (panels on right) provide clean and green power to the wildlife refuge facility.



Geothermal heat pumps provide highly efficient and economical heating and cooling for healthy and comfortable interior spaces.

This super-insulated high-performance facility is a model of sustainable design. The building was constructed using stone from a regional quarry, and includes a cool roof; daylighting features; low-e glazed windows; efficient LED lighting; occupancy sensors; and a 14-ton geothermal heat pump, resulting in energy performance 32 percent better than an average building. A 4.9-kW grid-tied solar PV array produces electricity; and domestic hot water is provided by a roof-mounted solar collector system. The 15.5 MWh of renewable power generated on-site saves 10 metric tons of GHG emissions annually. Inside, low-VOC carpets, paints, and adhesives contribute to a healthy work environment. Outside, landscaping with native plants and bioswales conserve water and reduce runoff. Up to 25,000 visitors each year learn about the benefits of this attractive and sustainable green building.

Inland Northwest National Wildlife Refuge Complex Headquarters
Turnbull National Wildlife Refuge
Washington



YOU HAVE
the POWER™

United States Department of the Interior
Federal Energy Management Program

For more information on how you can get involved in the
YOU HAVE the POWER campaign, visit the FEMP Web site at www.eere.energy.gov/femp/services/yhttp/

