

SOLAR DEVELOPMENT WITHIN WASHINGTON COUNTY

Washington County has a mandate to allocate 1.5% of construction cost to renewable energies. The energy source could be geothermal, solar, wind, wave or others. Solar energy being the most energy efficient form of energy creation, Washington County has focused on adopting solar to achieve the 1.5% goal.

Existing Installations

Public Services Building

- Installed in November 2011 with federal ARRA funding at a cost of \$375k.
- We generate 70,228 kwh/y. The building's annual demand is 1,032,000 kwh.
- This offsets 585 lightbulbs every year.
- Roof Surface



Public Safety Training Center

- Installed in May 2019 with an installation at a cost of \$374k.
- We generate 123,700 kWh per year. The buildings annual demand is 612,700 kWh per year. This installation covers approximately 20% of the building's electricity use.
- This installation offsets 1,0350 lightbulbs every year.
- Ground Framed



Wingspan Event and Conference Center

- Completed in Summer of 2020 with an installation cost of \$570k
- The planned output is 281,000 kwh/y. The building's annual demand is in development.
- This installation offsets 2,341 lightbulbs every year.
- Roof Surface, Silfab 380 system.



Battery Tender

- Battery Tender at Walnut Street Center provides trickle energy to keep the batteries full.



Boat Garage

- Sheriff's boat garage on Hagg Lake has a .30 kwh/y poll mount panel to illuminate the interior space.



Installations in Development

Washington County Consolidated Communications Agency

- Planned for installation in September 2021 at an installation cost of \$267k.
- The planned output is 102,200 kwh/y.
- The building's annual demand is in development.
- Ground Framed



Future Development

- Walnut Street Center Seismic Upgrade
- Future projects with a construction cost of \$1,000,000 or more