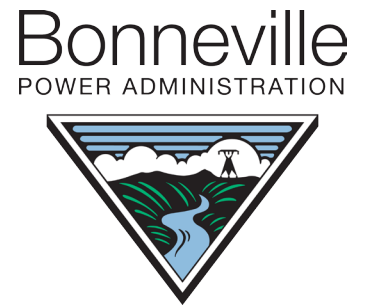


Okanogan Irrigation District Saves at Shellrock Pump Station

2022



Project Background

- Three of the four pumps were replaced at Okanogan Irrigation District's Shellrock station.
- Replacement pumps were issued because rebuilding the original 43 year old pumps would cost more than replacing.
- Longer lasting, stainless steel pumps replaced the original bronze pumps from 1979.



920,589

kWh Annual Energy Savings



\$87,782.75

Okanogan PUD Incentive Payment

Results

- Okanogan Irrigation District received an incentive check for \$87,782.75 from Okanogan County PUD, which manages incentive programs through funding from Bonneville Power Administration, a major source of its electricity.
- With the new pumps in place, the district's electric bill dropped nearly in half from an average of \$1,200-1,400 per day to \$700-800 per day.
- The 920,589 kilowatt-hours of electricity saved annually could power more than 54 average homes.
- The energy and maintenance savings will help to keep irrigation rates low for the district's approximate 1,020 accounts, which represents more than 5,000 acres.
- Incentive check will help the district fund future upgrades, including the purchase of new motors.



New 800hp stainless steel pumps (blue)



Kim Johnson, Okanogan PUD Energy Services Coordinator, (Left) presents a check to Brad Armstrong, Okanogan Irrigation District Manager (Right).

What ideas do you have to save energy?

Okanogan PUD has multiple energy efficiency incentives for residential, commercial and other types of customers.

PUD Energy Services Dept

509-422-8428

www.okanoganpud.org