



UPGRADE TO EFFICIENCY

EFFICIENT PUMP UPGRADES

Is your pump old and tired?



New more efficient pump upgrades

If your turbine or centrifugal pump is not performing to your expectations, maybe it's worn out or mismatched with irrigation system changes; therefore, maybe it is time for a brand new pump! Routine rebuilding of pumps can lead to thinning of the impellers, and cavitation damage can produce voids; or the pump may be mismatched because of system changes and operating outside the optimum efficiency area of the pump curve. Your electric utility may offer a solution.

Note: BPA does not provide incentives directly to Agricultural Producers. Please contact your local utility for details.

At a Glance

This rebate program is for the installation of a new (e.g., newly manufactured) turbine or centrifugal-style irrigation pump to replace an old existing pump. The rebate is based on the required horsepower of the new pump.

Eligible pumps

- Deliver, distribute or transport irrigation water.
- Range from 20 to 500 horsepower.
- Must replace a centrifugal, turbine, or submersible turbine pump.
- Have the same or lower horsepower rating, unless it is coupled with a Variable Frequency Drive, or VFD.

The existing pump motor may be reused, and may qualify for a Green Motor Rewind incentive at a certified rewind shop. This can restore the motor's original efficiency and extend its useful life.

Changing from a turbine pump to a centrifugal pump, or centrifugal to a turbine, is allowed.

This measure may be used alone, or in combination with other retrofit measures. If the replacement pump is larger, it needs to be on a VFD. This VFD may also qualify for an incentive.

Ready to take the next step?

Contact your local electric utility for more information. Their engineers and program staff can walk you through the steps that make sense for your agricultural business, and help you find the best-fit incentives for your energy-efficiency upgrades.