



# Upgrade to Efficient Pumps

If your turbine or centrifugal pump is not performing to your expectations, maybe it's worn out or mismatched with irrigation system changes. It's time for a brand new pump!



## Efficient Pump Upgrades

Routine pump rebuilds can lead to thinning of the impellers, and cavitation damage can produce voids. The pump may be mismatched because of system changes and operating outside the optimum efficiency area of the pump curve. To avoid these costly issues, your electric utility may offer a solution.

Rebates are available for installation of new turbine or centrifugal-style irrigation pumps. Rebates are based on the required horsepower of the new pump.

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PUBLIC UTILITIES

**WE'RE HERE TO HELP!**  
For additional information  
call (555) 555-5555  
or visit [www.yourutility.com](http://www.yourutility.com)

**Is your pump old and tired?**

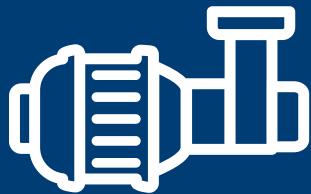


**Ready to take the next step?**

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 incentives for your efficiency upgrades.



# Tips for Reducing Energy Use



## Eligible pumps:

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



Existing pump motors may be reused and may qualify for a Green Motor Rewind incentive at a certified rewind shop, restoring the motor's original efficiency and extending 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.