



IRRIGATION PUMP TESTING

Pump-efficiency testing provides vital information that can help you decide when to retrofit, repair, or replace an inefficient pump. Pumps can become inefficient due to wear and tear, age, or if the pump is not matched for current operating conditions, such as when:

- Lower pressures or flows are required to serve the irrigation system
- Pump performance has degraded over time
- Irrigated land area has increased or decreased
- The water table has dropped over time

During testing, a qualified specialist will measure flowrate, pressure, lift, and energy consumption to determine the health of your pumping plant. They can also look at your irrigation system design to help you save energy and water. Pump testing and system analysis may identify energy savings associated with:

- Motor replacement
- Pump repair or replacement
- Replacement or trimming of the impeller
- Upgrade or add a variable frequency drive
- Mainline
- Low-pressure conversion

Contact your local utility to learn more about cost share for pump testing and system analysis, available energy-efficiency programs and incentives.