

EPIC Automation Program



Polaris was awarded \$2.9 million to deploy irrigation automation and help California growers operate more profitably and respond to new electricity rates.



Lucrative. Incentives up to \$140 per HP that pay for pump automation hardware, software, and installation.



Flexible. Funds can be used for Polaris' Pump Automation System, other vendors' technology and homegrown systems.



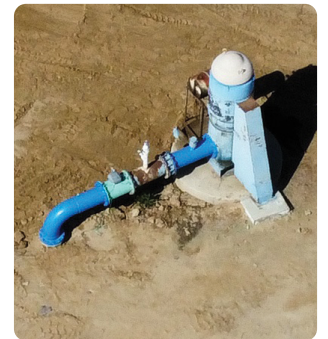
Customized. Automation can be used to participate in programs that pay for occasional schedule changes during grid emergencies OR to reduce energy costs with smart, weekly schedules.



Easy. Simplified, rapid approval process.



Canal Lift Pumps



Well Pumps



Reservoir Pumps



Booster Pumps

Automation Options

Every participant in the program receives a web and mobile app that helps identify the lowest cost pumping schedule that works for your operation. From there, the level of automation is up to you, based on your equipment, people and operations

- **Manual.** Use the software as a decision support tool while continuing to operate pumps in the field.
- **Stop-only.** Start pumps manually in the field and stop them remotely. Many irrigators prefer this approach so they can check their system for any issues when it starts.
- **Remote.** Use the web or mobile app to start and/or stop pumps remotely only when a person decides to start or stop and clicks the button.
- **Scheduled.** Create schedules for a week or more and send them to the Pump Automation Controller to start and stop automatically. Receive alerts when a pump stops or runs outside of a schedule.



Additional Equipment

Program incentives can be used for sensors and controls that help manage irrigation.

- **Depth Sensors.** Check reservoir levels at any time and receive alerts when it is time to start or stop filling.
- **Flow Meters.** Measure water usage to refine schedules and for SGMA reporting.
- **Additional Controls.** Operate hydraulic systems through integrations with leading vendors' systems.

Eligibility and Participant Commitment

- Open to customers on agricultural pumping tariffs in IOU territories (PG&E, SCE and SDG&E), including those served by community choice electricity providers if they are billed by the IOU.
- Customers who receive incentives agree to participate in a Demand Response program OR to run outside of peak hours when operationally feasible