

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE  
2017 State Water Efficiency and Enhancement Program  
Projects Selected for Award of Funds**

10/10/2017

<b>Agriculture Operation</b>	<b>Project Description</b>	<b>Amount Awarded</b>	<b>Estimated Matching Funds</b>	<b>County</b>
Agriculture and Land-Based Training Association	This project proposes to install a solar energy system to power the existing turbine motor pump. A remote, field monitoring system with soil moisture sensors and a weather station will be installed. A flowmeter will be installed.	\$96,950	\$21,100	Monterey
B and B Family Partnership	This project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a cellular communication network. A pressure sensor will be added to the existing drip irrigation system.	\$7,646	\$7,646	Kern
B&R Tevelde	This project proposes to convert flood irrigation to drip irrigation.	\$100,000	\$67,144	Tulare
Bernard Nydam	This project proposes to install a turban pump that will feature a variable frequency drive. The irrigation system will feature automation. A remote, field-monitoring system that features soil-moisture sensors will be installed. Drip irrigation lines will be installed.	\$70,694	\$15,000	Fresno
Blueberries Ole!, LLC	This project proposes to replace current drip irrigation hose. Automated irrigation valves will be installed to the existing irrigation system. The irrigation system will feature a sand-media filter and a flowmeter. Soil moisture probes will be installed.	\$53,923	\$25,236	Santa Barbara
Briarwood Vineyard LLC	The project proposes to install A solar energy system to service the energy requirements of the irrigation pumping station. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$91,109	\$21,100	San Luis Obispo
Britz, Inc.	This project proposes to covert to a micro irrigation system.	\$100,000	\$470,251	Tulare

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Buon Gusto LLC	This project proposes to re-direct well water from an open pond storage system to a storage tanks. Soil moisture sensors, a flowmeter and a remote-field monitoring system will a weather station will be installed. A solar energy system will be installed to service the energy needs of the irrigation system.	\$98,630	\$31,875	Ventura
Chertai Xiong	This project proposes to install a lay-flat irrigation system. The existing well pump will be replaced and/or reboweld and a variable frequency drive will be installed.	\$60,758	\$3,405	Fresno
Daniel Jackson Farms	this project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. A flowmeter will be installed.	\$99,923	\$94,612	Tulare
David Jackson Farms	this project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. A flowmeter will be installed.	\$100,000	\$113,920	Tulare
DLP Ag Partnership LP	The project proposes to install A solar energy system to service the energy requirements of the irrigation pumping station. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$96,950	\$21,100	San Luis Obispo

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Doug and Julie Freitas Farm	This project proposes to convert a flood-irrigation system to a drip-irrigation system. The irrigation system will feature a variable frequency drive and a flowmeter. A remote, field-monitoring system that features soil-moisture sensors and a weather station will be installed.	\$100,000	\$75,349	Kings
E. W. Merritt Farms	This project proposes to convert a flood-irrigation system to a drip-irrigation system that will feature precision automation, a pressure compensating dripper. The current cement pipe-line will be replaced with PVC pipe-lines. Sub-unit control valves, isolation valves, relief valves, and a sand media filter station with auto flush, and reservoir will be installed to the pumping station.	\$100,000	\$733,745	Tulare
Emerald Seed Company	This project proposes to install a variable frequency drive and a booster pump to the existing pumping station. A reservoir will be installed. Soil moisture sensors will be installed.	\$99,249	\$25,000	Imperial
Eric Wuhl	This project proposes to install a solar energy system to service the energy requirements of the irrigation pumping station. A flowmeter will be installed. Soil-moisture sensors will be installed.	\$99,990	\$14,749	Fresno
Friesen Farms	This project proposes to Convert a flood-irrigation system to a drip-irrigation system. A remote, field-monitoring system that features soil-moisture sensors and a telemetry network will be installed. A flowmeter will be added to the pumping station. A submersible pump will be installed. A solar energy system to service the energy requirements of the irrigation pumping station will be installed.	\$99,161	\$40,878	Tulare
George Chiala Farms	This project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a cellular communication network. A pressure sensor will be added to the existing drip irrigation system.	\$13,088	\$13,088	San Benito

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Jack John Investments	The project proposes to install A solar energy system to service the energy requirements of the irrigation pumping station. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$90,843	\$21,100	San Luis Obispo
Jennifer Vang	This project proposes to Convert a flood-irrigation system to a drip-irrigation system. A variable frequency drive will be installed. The existing pump will be replaced.	\$87,649	\$5,289	Fresno
Jon & Lisa Koregelos	This project proposes to install a remote, field-monitoring system that features soil-moisture and soil-tension sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network. A flow meter will be installed to the existing pumping station.	\$28,185	\$35,280	Colusa
Kelby Sheppard	This project proposes to convert a diesel pump to an electric pump. A solar energy system to service the energy requirements of the irrigation pumping station will be installed.	\$99,528	\$127,006	Butte
Kevin Hebrew	This project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network. A flow meter and pressure sensors will be installed.	\$76,780	\$4,367	Glenn
Kozi Farming LLC	This project proposes to upgrade to high efficiency pumps with variable frequency drives. Flood-irrigation will be converted to double line irrigation. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. An automated water monitoring system will be installed.	\$100,000	\$244,059	Fresno

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Lenora Rebensdorf Trust	This project proposes to convert from flood irrigation to drip irrigation. The current diesel well pump will be replaced by an electrical unit. The pumping station will include a variable frequency drive.	\$76,704	\$15,348	Fresno
Live Earth Farm	This project proposes to retrofit the current pumping station and irrigation system.	\$48,866	\$20,687	Santa Cruz
Ly Thao	This project proposes to convert flood irrigation to drip irrigation. The current well pump will be retro-fitted and/or repaired. A variable frequency drive will be installed on the existing pumping station.	\$81,819	\$4,339	Fresno
M & K Partnership	This project proposes to convert a flood-irrigation system to a drip-irrigation system. The current cement pipeline will be replaced with poly tubing. The irrigation system will include mainline, submain and manifold piping, sub-unit control valves, isolation valves, air and vacuum reliefs, sand-media filters, inlet discharges, reservoir and precision irrigation automation equipment. A booster pump and new electrical components will be installed.	\$100,000	\$503,704	Tulare
MC Fagundes Ranch	This project proposes to replace a diesel pump with an electric pump. The pumping station will include a variable frequency drive. A remote, field-monitoring system that features an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$80,743	\$64,043	Kern
Melanie Smith	This project proposes to install a flowmeter to existing pumping station	\$77,756	\$3,473	Shasta
Michael J Forrest	This project proposes to upgrade to high efficiency pumps with variable frequency drives. Flood-irrigation will be converted to double line irrigation. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. An automated water monitoring system will be installed.	\$100,000	\$195,645	Fresno

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Moonlight Packing Corporation	This project proposes to convert flood-irrigation to drip-irrigation. Soil moisture sensors and a flow meter will be installed. A diesel motor for the pumping station will be replaced by an electric motor.	\$100,000	\$79,186	Fresno
Nicole Burroughs	This project proposes to replace current irrigation pipeline. The current pump will be retrofitted and have a flowmeter installed. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. Irrigation management data software will be installed.	\$61,593	\$2,180	Tehama
Nora Paiva Farms	This project proposes to install a flowmeter and pressure sensors to the existing pumping station. A evapotranspiration station will be installed.	\$100,000	\$20,360	Glenn
Paso de Record, LLC	The project proposes to install A solar energy system to service the energy requirements of the irrigation pumping station. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$88,829	\$21,100	San Luis Obispo
Paso Ono LLC	The project proposes to install A solar energy system to service the energy requirements of the irrigation pumping station. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$88,296	\$21,100	San Luis Obispo
Patricia A. DeShane	This project proposes to convert flood irrigation to micro fanjet irrigation. A soil moisture probe and flow meter will be installed.	\$100,000	\$97,398	Kern

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Ramos Farms	This project proposes to install a solar energy system to service the energy requirements of the irrigation pumping station. The current well pump will be retrofitted. The pumping station will feature a flowmeter. A remote, field-monitoring system that features soil-moisture sensors and a data logger will be installed.	\$77,123	\$2,500	Santa Cruz
River West Farming, LP	This project proposes to install a micro-irrigation system. A remote field monitoring system that features soil-moisture sensors, an evapotranspiration weather station and a telemetry communication network. A variable frequency drive will be installed.	\$100,000	\$190,521	Fresno
Robert Thill	This project proposes to install a solar energy system to service the energy needs of the irrigation system. A flowmeter and soil moisture sensors will be installed.	\$99,958	\$117,454	Butte
Ruben Esparza	This project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network. A flow meter and pressure sensors will be installed.	\$100,000	\$6,785	Glenn
Santa Rosa Berry Farms	The project proposes to convert to drip irrigation. A variable frequency drive and flowmeter will be installed on the existing diesel pumping station. A remote, field-monitoring system that features soil-moisture sensors will be installed.	\$100,000	\$1,532,450	Ventura
Shafter Wasco Investment Co., Inc.	This project proposes to install a weather station, variable frequency drives and a flowmeter.	\$99,748	\$29,113	Kern
Sohan and Mandeep Samran Family Trust	This project proposes to retro-fit two existing well pumps and install a variable frequency drive on a booster pump. soil-moisture sensors, an Evapotranspiration (ET) capable weather station and irrigation management software will be installed.	\$99,991	\$101,449	Madera

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Spooner Farms	This project proposes to install a remote field-monitoring system with an evapotranspiration (ET) capable weather station.	\$77,861	\$14,203	Colusa
Sukhraj Pamma	This project proposes to convert flood-irrigation to drip-irrigation. Soil moisture sensors and a flow meter will be installed.	\$99,886	\$340,400	Sutter
Sun Valley Packing L.P.	This project proposes to Convert a flood-irrigation system to a drip-irrigation system. The existing well pump will be replaced. The irrigation system will feature a variable frequency drive and a flowmeter. A remote, field-monitoring system that features soil-moisture sensors and a telemetry communication network will be installed.	\$100,000	\$82,113	Tulare
T & R Ranch	This project proposes to install electric power lines to service the energy needs of the ranch. A variable frequency drive will be added to the existing pumping station. A remote, field monitoring system that will feature soil moisture sensors, an evapotranspiration capable weather station, flowmeters and a telemetry communication network will be installed. Pressure sensors will be installed.	\$100,000	\$381,767	Tulare
Tirath Johal	This project proposes to install electric power lines to service the energy needs of the ranch. A variable frequency drive will be added to the existing pumping station. A remote, field monitoring system that will feature soil moisture sensors, an evapotranspiration capable weather station, flowmeters and a telemetry communication network will be installed. Pressure sensors will be installed.	\$100,000	\$23,642	Yuba
Tucker Drip Systems	This project proposes to install a drip irrigation system. A remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed.	\$91,291	\$81,892	Sutter



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Villa Pacifica Ranch	This project proposes to install a remote, field-monitoring system that features soil-moisture sensors, an Evapotranspiration (ET) capable weather station and a telemetry communication network will be installed. A solar energy system to service the energy requirements of the irrigation pumping station will be installed.	\$97,618	\$4,702	San Luis Obispo
Violich Farms	This project proposes to install a solar energy system. A remote, field monitoring system that features automated control valves, soil moisture probes, and a telemetry communication network will be installed.	\$100,000	\$115,787	Glenn
Wallace Brothers	This project proposes to convert to drip irrigation. Current motors will be replaced with pressure turbine motor and an electric motor. Control valves, variable frequency drives and a radio telemetry service will be installed.	\$100,000	\$69,058	Sutter
West Star North Dairy	This project proposes to convert flood irrigation to drip irrigation. A flowmeter and variable frequency drive will be installed on the current pumping station. A soil moisture probe will be installed.	\$100,000	\$67,005	Kern
Westerlay Orchids	This project proposes to install impermeable floor and drain catchment systems in a greenhouse. A new pump will be installed.	\$99,776	\$272,990	Santa Barbara
Yia Yang	This project proposes to Convert a flood-irrigation system to a drip-irrigation system. The current pump will be replaced and/or retro-fitted and will feature a variable frequency drive.	\$73,685	\$4,897	Fresno
Youngstown Grape Distributors Inc	This project proposes to upgrade to high efficiency pumps with variable frequency drives. Flood-irrigation will be converted to micro sprinkler irrigation. A solar energy system to service the energy requirements of the irrigation pumping station will be installed. An automated water monitoring system will be installed.	\$100,000	\$62,945	Fresno