

CDFA 2015 Dairy Digester Research and Development Program Phase I Projects Selected for Award of Funds

Applicant	Project title	Project Description	Location	Located in a Disadvantaged Community (DAC)*?	Amount Awarded***	Estimated Total Project Cost
Philip Verwey Farms	Verwey-Hanford Dairy Digester	The Verwey-Hanford Dairy Digester project is a new covered lagoon digester proposed at Philip Verwey Farms #2 dairy. The biogas from the digester will be used to produce approx. 7.6 million kWh of renewable electricity per year.	Hanford, Kings Co.	Yes	\$3,000,000	\$7,003,176
Open Sky Ranch Inc.	Open Sky Ranch Dairy Digester	The Open Sky Ranch Dairy Digester project will recommission a covered lagoon digester at Open Sky Ranch. The biogas from the digester will be used to produce approx. 6.4 million kWh of renewable electricity per year. Due to already existing infrastructure such as a double-lined digester lagoon, this project is expected to reduce GHGs in a cost-effective manner.	Riverdale, Fresno Co.	Yes	\$973,430	\$1,946,864

Philip Verwey Farms	Verwey-Madera Dairy Digester	The Verwey-Madera Dairy Digester project is a new covered lagoon digester to be installed at Philip Verwey Farms #1. The biogas from the digester will be used to produce approx. 4.8 million kWh renewable electricity per year.	Madera, Madera Co.	Yes	\$2,281,091	\$4,563,845
AgPower Visalia, LLC	Moonlight Dairy Digester	The Moonlight Dairy Digester is a DVO™ mixed-plug flow digester** treating manure at Moonlight Dairy. The biogas from the digester will be used to produce approx. 6 million kWh renewable electricity per year.	Visalia, Tulare Co.	Yes	\$3,000,000	\$7,707,100
ABEC #2 LLC dba West-Star North Dairy Biogas	West-Star North Dairy Biogas Project	The West-Star North Dairy digester is a covered lagoon digester project. This project will capture biogas from two covered lagoons at the dairy. Biogas from the digester will produce 7.6 million kWh renewable electricity per year. Additional biogas will be stored under flexible covers installed on the lagoons.	Buttonwillow, Kern Co.	Yes	\$1,837,005	\$9,000,000
Total					\$11,091,526	\$30,220,985
*Location in a DAC was determined using CalEPA's CalEnviroScreen 2.0 mapping tool: http://oehha.ca.gov/ej/ces2.html						
**DVO™ are patented mixed plug-flow digesters that digest high-solids substrates.						
***CDFR-DDRDP will fund up to 50% of the total project cost with a maximum grant award of \$3 million per project.						