



Fact Sheet

Agricultural Programs (2014-2015)

September 2015

On September 18, 2008, the California Public Utilities Commission (CPUC) adopted the state's first Long Term Energy Efficiency Strategic Plan ("Strategic Plan"), presenting a single roadmap to achieve maximum energy savings across all major groups and sectors in California. This comprehensive Strategic Plan for 2009 to 2020 was the state's first integrated framework of goals and strategies for saving energy, covering government, utility, and private sector actions, and holds energy efficiency to its role as the highest priority resource in meeting California's energy needs. The IOUs' statewide Agricultural Energy Efficiency Program provides strategic energy planning, audits, rebates, and incentives to customers in order to accelerate the adoption of energy efficiency measures. The Energy Efficiency Statewide Agricultural Program provides energy analysis services leading to improved energy efficiency of agricultural facilities, including on-site food processing facilities.

Program Descriptions

The statewide energy efficiency programs described below are available for the agriculture sector by the state's four large utilities. Each utility also offers local program elements that complement and enhance these core offerings in their region.

Energy Advisor Program

The Energy Advisor Program includes all services offered to support customer education and participation in energy efficiency, demand response, and self-generation energy savings opportunities and benefits, along with awareness of greenhouse gas and water conservation activities.

The program consists of the following offerings:

- Benchmarking
- Non-Residential Audits
- Retro-commissioning Assessments
- Pump Efficiency Services

These offerings work together to assist customers towards implementation of the appropriate solutions for their business while placing an emphasis on deep energy savings opportunities and continuous improvement over time. Through aligning the available integrated improvement opportunities with the customer's needs, the Energy Advisor program helps the customer become more open to the benefits the improvement opportunities offer to their business and will therefore increase their acceptance and adoption.

Calculated Incentives

The Agriculture Calculated Incentive program provides customized incentives for non-residential energy efficiency retrofit projects involving the installation of high-efficiency equipment or systems. Incentives are paid on the energy savings and permanent peak demand reduction above and beyond baseline energy performance, which include state-mandated codes, federal-mandated codes, industry-accepted performance standards, or other baseline energy performance standards. New offerings within the program in 2013 provide a framework to encourage emerging technologies and deeper, more comprehensive retrofits.

Deemed Incentives

This program provides rebates for the installation of new energy efficiency equipment/measures that may have been identified through standard utility energy efficiency audits. Deemed retrofit measures have fixed incentive amounts per unit/measure and are intended for projects that have well-defined energy and demand savings. The measure categories include lighting, air conditioning equipment, refrigeration, high-efficiency water heating, pump systems, and plug load.

Continuous Energy Improvement

The Agriculture Continuous Energy Improvement (CEI) Program is a consultative service which targets long-term and strategic energy planning. CEI is designed to reintroduce the importance of energy management by transforming the market and to help reduce energy intensity through a comprehensive energy management approach. CEI will address technical and management opportunities for agriculture customers while creating sustainable practices through a high-level energy commitment from executive and board-level management. CEI applies the principles of well-known business continuous improvement programs, such as Six Sigma and International Standards Organization (ISO) standards, to facility and plant energy management. At each stage of customer engagement, a variety of complementary IOU and non-IOU products and services can be customized to fit different customer profiles and optimize the cost-effectiveness of the delivered energy management solution.

Third Party Programs

Third party programs are implemented through third-party contractors and target niche markets (such as dairies, wineries, and on-site food processing) and technology areas, (refrigeration, wastewater treatment, boilers, and irrigation systems). These programs may also target approaches or end uses such as monitoring-based commissioning.

Statewide Program / Subprogram	PG&E	SCE	SDG&E	SCG	Total Statewide Budget
Agriculture Calculated Incentives	\$27,592,425.00	\$2,822,492.00	\$661,648.88	\$5,327,386.03	\$36,139,762.53
Agriculture Deemed Incentives	\$8,471,184.00	\$1,305,852.00	\$397,459.50	\$1,000,797.80	\$11,439,482.68
Agriculture Continuous Energy Improvement	\$1,479,091.00	\$673,035.00	—	\$61,248.08	\$2,213,374.08
Agriculture Energy Advisor	\$12,112,055.00	\$6,110,134.00	—	\$37,148.84	\$18,259,337.84
Total Statewide Program by Utility	\$49,654,755.00	\$10,911,513.00	\$1,059,108.38	\$6,426,580.75	\$68,051,957.13
Third Party Programs- Agriculture Market Segment	\$31,527,612.00	—	\$194,300.00	—	\$31,721,912.00
Total Budget by Utility	\$81,182,367.00	\$10,911,513.00	\$1,253,408.38	\$6,426,580.75	\$99,773,869.13