








Helping design teams create sustainable colleges

New Construction & Major Alterations

The California Energy Design Assistance (CEDA) program offers a unique opportunity for colleges to build sustainable, comfortable, energy-efficient buildings.

Campuses face increasing pressure to provide safe and clean environments for staff and students. Does your district have a new building or major alteration on the horizon? Now is the perfect time to enroll in CEDA. We'll reduce energy consumption in your building designs and provide financial incentives for energy efficiency projects.

5 EASY STEPS

-  **Enrollment**
-  **Preliminary Analysis**
-  **Final Analysis**
-  **Verification**
-  **Incentives**

PROGRAM BENEFITS



Complimentary Energy Design Assistance



Lifecycle Energy Savings



Financial Incentives

PROJECT ELIGIBILITY

- In early design phases
- Located in a Pacific Gas and Electric Company (PG&E®), SCE®, SoCalGas®, or SDG&E® service territory with an eligible rate structure
- Project team commitment to evaluating energy efficiency options
- New construction or a major alteration

Major alterations must meet one or more of the following criteria:

- A change in space function (building or space occupancy type)
- >30% change in design occupancy (sq.ft./person)
- >10% increase in conditioned floor area (sq.ft.)
- Any expansion or addition of substantial process or conditioning load to an existing facility

COMMON ENERGY EFFICIENCY MEASURES



Heat Pump Water Heaters

Delivers higher energy savings than resistance point-of-use water heaters and is a great fuel substitution measure compared to traditional gas-fired water heaters.



Enhanced Glazing

Products such as gas-filled panes, non-metal frames, and double/triple glazing deliver savings while maintaining building aesthetics.



Air-to-Water Heat Pumps

Enables heat to be transferred in a closed loop system, providing heating/cooling across building spaces. Modular system requires less installation space than rooftop unit.



Heat Recovery Chillers

Great for large campuses with central plants looking to reduce load on gas boilers. Provides both hot and cold water to distribution loops. Sometimes requires changes to heating coils for lower hot water temperatures.



VRF* Systems

Provides simultaneous heating/cooling and heat recovery, consuming less energy than traditional heat pumps. Modular system requires less room for installation (reduces ductwork) and handles larger facilities than air-to-water heat pumps.



High-Efficacy Lighting

Lighting power density reduction strategies that deliver the same lumens while consuming less energy. Fixtures must be DLC-listed. Reduces building consumption as much as possible prior to considering any renewable energy production strategies.

*Variable Refrigerant Flow

AVERAGE CEDA PROJECT TIMELINE

Program runs concurrently with your design schedule.



**Pacific Gas and
Electric Company®**

CEDA is funded by California utility customers and administered by Pacific Gas and Electric Company (PG&E) and supported by the state's other investor-owned utilities, (IOUs), under the auspices of the California Public Utilities Commission. Program funds, including any funds utilized for rebates or incentives, will be allocated on a first-come, first-served basis until such funds are no longer available. This program may be modified or terminated without prior notice. Customers who choose to participate in this program are not obligated to purchase any additional goods or services offered by Willdan or any other third party. The selection, purchase, and ownership of goods and/or services are the sole responsibility of customer. None of the IOUs make any warranty, whether express or implied, including the warranty of merchantability or fitness for a particular purpose, of goods or services selected by customer. None of the IOUs endorse, qualify, or guarantee the work of Willdan or any other third party. Eligibility requirements apply; see the program conditions for details.