

**DOCKET**  
**10-IEP-1G**

DATE JUL 22 2010

RECD. JUL 22 2010

**CA LMCC/IBEW-NECA**  
**Grants and Partnerships**

**CA LMCC/IBEW-NECA**  
**Labor Management Cooperation**  
**Committee**  
**for the**  
**International Brotherhood of**  
**Electrical Workers**  
**and the**  
**National Electrical**  
**Contractors Association**

## Department of Labor Employment Training Administration



To promote effective,  
energy-efficient lighting for  
commercial applications

### Grant Funded Partners

**CA LMCC/IBEW-NECA**

**Community Colleges  
Chancellor's Office**

**ICF International**

**California Lighting  
Technology Center - UC Davis**

## CALCTP Partners



California Energy Commission



Southern California Edison



Pacific Gas & Electric



Sempra (San Diego Gas & Electric)



Sacramento Municipal Utility District



National Electrical Manufacturers Association



Workforce Investment Boards



Community-Based Organizations

### ***Pre-Retrofit: 175W Metal Halide***

CLTC Project at U.C. Davis

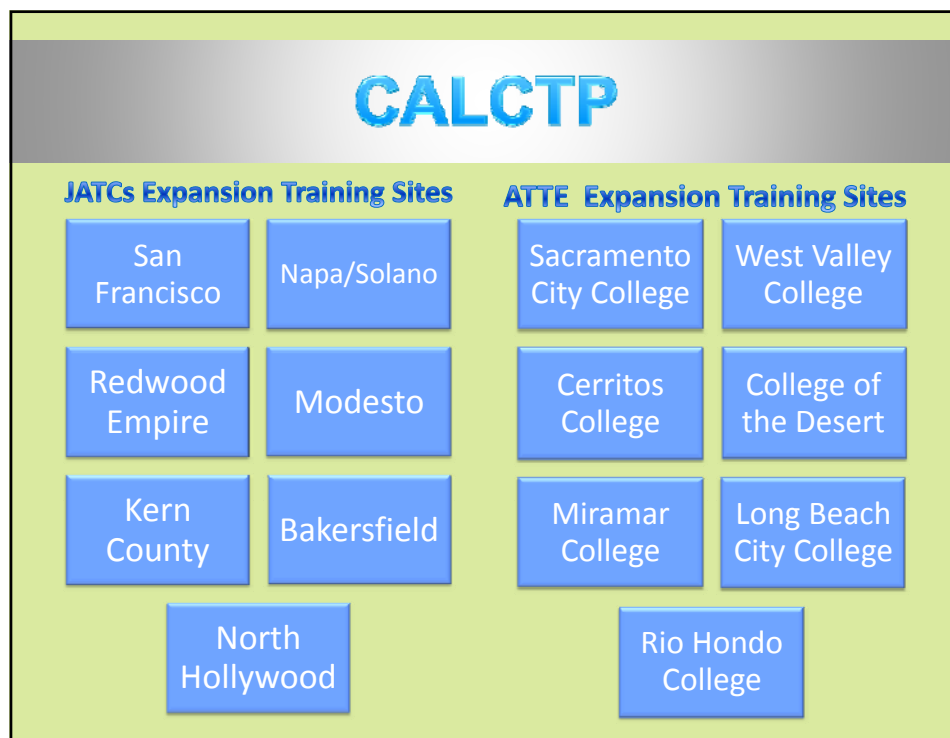


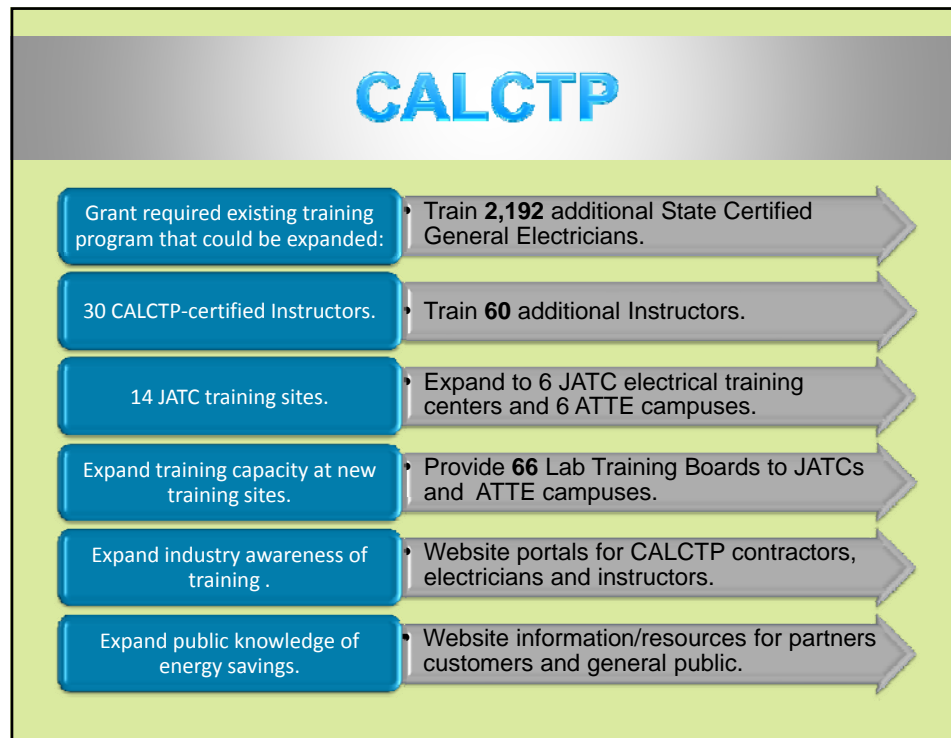
- Average 205 Watts per fixture / 898 kWh per year per fixture
- 10,250 Watts for parking lot with 50 fixtures / **44,895 kWh per year**

### ***Post-Retrofit: Bi-level Smart LED Fixtures***



- Average 42 Watts per fixture / 182 kWh per year per fixture
- 2,075 W for a parking lot with 50 fixtures / **9,090 kWh per year**





**California Advanced Lighting Controls Training Program**

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### CALCTP SUPPORTS STATE GOALS

Commercial buildings account for more than 40 percent of the electrical load in the state. 39% of the commercial load is made up of interior and exterior lighting.

California state policy has mandates energy efficiency investments and advanced lighting controls can help balance future electrical supply and demand.

**1 2 3 4**

### ABOUT THE PROGRAM

The California Advanced Lighting Controls Training Program (CALCTP) is a statewide initiative aimed at increasing the use of lighting controls in commercial buildings and industrial facilities.

Through proper installation, advanced lighting controls improve energy efficiency in commercial facilities and save significant dollars. CALCTP will educate, train and certify licensed electrical contractors, and state certified general electricians in the proper design, installation and commissioning of advanced lighting control systems.

### FIND A CALCTP-CERTIFIED CONTRACTOR

A CALCTP-Certified contractor is:

- A state licensed C-10 electrical contractor.
- Successfully completed the CALCTP Business Development Training program.
- Successfully completed the CALCTP technical installation program.
- Employs CALCTP-certified general electricians.
- Proficient in Advanced Lighting Controls.

[Click here to find one in your area](#)

### BECOME A CALCTP-CERTIFIED ELECTRICIAN

CALCTP partner utilities, which encompass over 90% of the California market, will require CALCTP-certified contractors and CALCTP-certified general electricians for installation.

[Click here for more information](#)

### FAST FACTS

Lighting comprises as much as

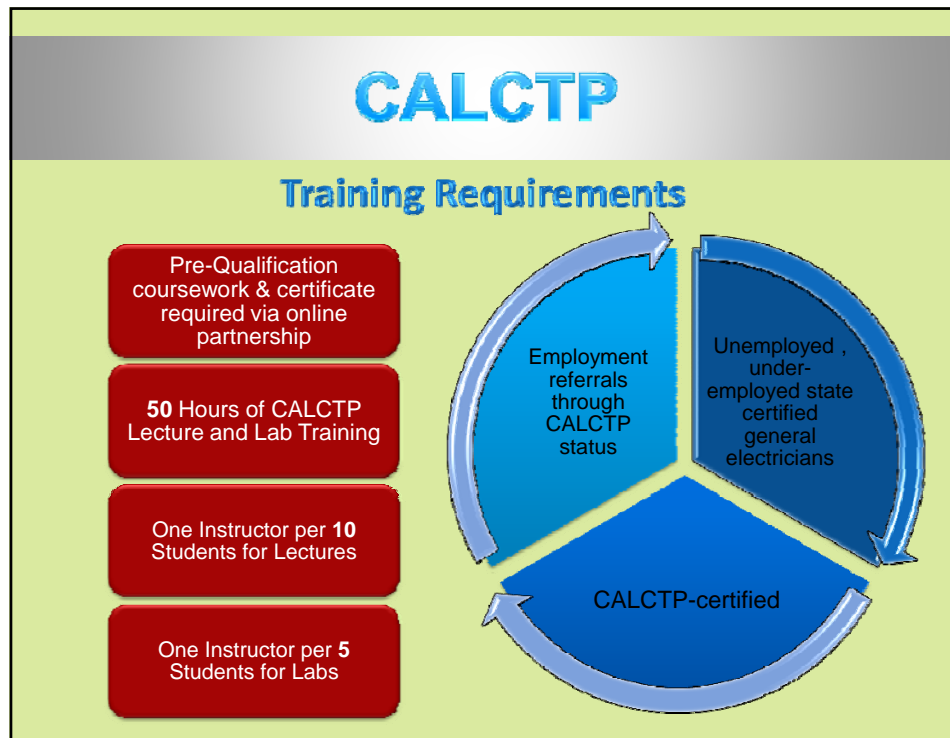
# 38%

of the electricity expense in a commercial building.

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[Contact Us](#)

http://www.calctp.org



# Department of Energy

DE-FOA-0000078 Solar Market  
Transformation: Solar Workforce Development:

Solar PV/Solar Thermal Installer **INSTRUCTOR**  
Training

Nationwide Solar Instructor Training Network  
Providers

Nine national consortium training  
providers awarded.

Community College Chancellor's Office is  
the grant lead.

## Solar Instructor Training Network



PROJECT PI, CO-LEAD  
and FISCAL AGENT

KEY PROJECT PARTNER AND  
UNDERWRITER



PROJECT CO-LEADER & SUBCONTRACTOR



SHC SPECIALTY SUBCONTRACTOR



PARTNER & SUBCONTRACTOR







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