

Automated Demand Response (Auto-DR) for Your Customers



In partnership with the International Brotherhood of Electrical Workers (IBEW) and the National Electrical Contractors Association (NECA), the Center for Sustainable Energy® (CSE) is leading a multiyear program to accelerate the adoption and installation of automated demand response (Auto-DR) technology by training a skilled workforce to perform installations statewide.

The project will support the installation of Auto-DR communication technology by enlisting small and medium buildings (< 500 kW) and public facilities in disadvantaged communities statewide to participate in Auto-DR incentive programs.

We want to work with you!

CSE is recruiting NECA contractors to perform Auto-DR equipment installation and provide on-the-job training opportunities for electrical apprentices.

Benefit to you



- ▶ Get connected to prescreened facilities ready for Auto-DR equipment installation and program enrollment.
- ▶ Generate **new business** by reconnecting with your existing customers and providing them an opportunity to achieve additional cost and energy savings.
- ▶ Receive **technical assistance** to support installations and customer program enrollment.
- ▶ Get access to **online training, tools and resources** for Auto-DR.

What is Automated Demand Response (Auto-DR)?

The California Building Energy Efficiency Standards, Title 24, Part 6 includes requirements for demand response (DR) and Auto-DR in nonresidential buildings. Learn how you can take advantage of Auto-DR technology to provide additional services to your customers.

How it Works

Enabling businesses to automatically lower energy use during DR events. During a DR event, Auto-DR technology automatically implements a facility's preset energy reduction preferences.

Common load reduction strategies include

- ▶ Temporarily dimming lighting
- ▶ Precooling work areas
- ▶ Temporarily increasing the set-point of thermostats

Financial Incentives

Utilities offer financial incentives to businesses to encourage participation in DR programs.

- ▶ One-time technology incentives to cover up to 100% of the purchase and installation costs of Auto-DR enabling technology or equipment.
- ▶ Ongoing incentives based on load reduction during DR events.

Benefits to Your Customers



Lower utility bills by participating in DR events.



Reduced energy use with more efficient HVAC and lighting controls.



Saved time by automating load reduction.



Increased control of facility year-round.

Don't wait. Gain a competitive edge.

Over the next several years, utilities are expected to default more than 500,000 California businesses to critical peak pricing and time-of-use rates. During critical peak events, the price of electricity will increase. Businesses that install Auto-DR equipment that reduces energy load at times when electricity prices are highest will benefit from lower utility bills.

Experienced contractors are needed to perform this work! Participate in this project and gain the skills and experience you need to become a leading contractor in Auto-DR installation.

About the Auto-DR Installation Project

Program Goals

Train 500 electricians from disadvantaged communities (DACs) on Auto-DR communications equipment and enroll 200 businesses and public facilities in DACs into Auto-DR programs

Key Partners

California Energy Commission, ASWB Engineering, Energy Solutions, California Labor Management Cooperation Committee, California Labor Federation, ICF International, Avery Energy Enterprises, Lawrence Berkeley National Laboratory, U.C. Davis California Lighting Technology Center

Get involved today, visit
energycenter.org/demand-response or contact
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