

California Energy Design Assistance
PROGRAM GUIDE

We provide intelligent
decarbonization analysis;
you make informed
energy decisions



WHAT IS CEDA?

The California Energy Design Assistance (CEDA) program promotes electrification and decarbonization in new construction and major renovations. By reducing energy demand and emissions, CEDA helps project teams design higher-performing buildings while strengthening grid resilience.

CEDA serves commercial, public, high-rise multifamily, industrial, and agricultural projects in Pacific Gas & Electric (PG&E), Southern California Edison (SCE), SoCalGas (SCG), and San Diego Gas & Electric (SDG&E) service areas.



- Advance the market to achieve California's aggressive decarbonization goals
- Promote electrification and all-electric buildings
- Reduce long term energy costs and emissions
- Drive adoption of high-performance measures (HPMs)
- Make buildings true grid resources
- Educate the market

Overall Goals



Increase supply and demand for all-electric and high-performance measures

Build relationships with the A/E/C community

Drive Innovation

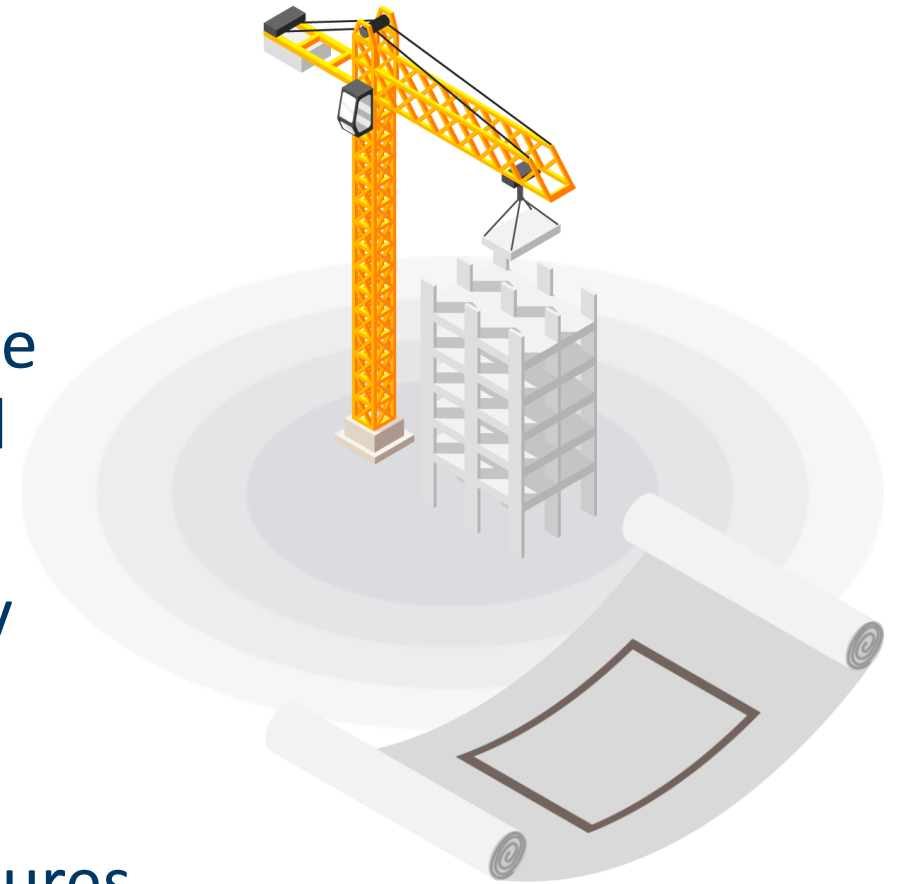
WHY PARTICIPATE IN CEDA?

- Receive complimentary custom **decarbonization** analysis to identify and evaluate opportunities
- Gain analysis of **energy costs and paybacks**
- Receive **financial incentives** to help offset the costs of decarbonization measures for qualified projects
- Demonstrate commitment to high performance building practices and design

Program Outcomes



- New construction projects and/or major alterations
- Projects in design phase
- Owner pays/will pay the Public Purpose Program surcharge on the account where the Energy Efficiency (EE) measures are installed
- No double-dipping incentives with other utility sponsored ratepayer energy efficiency programs for the same measures
- Allow access to project site at project completion for verification of installed measures

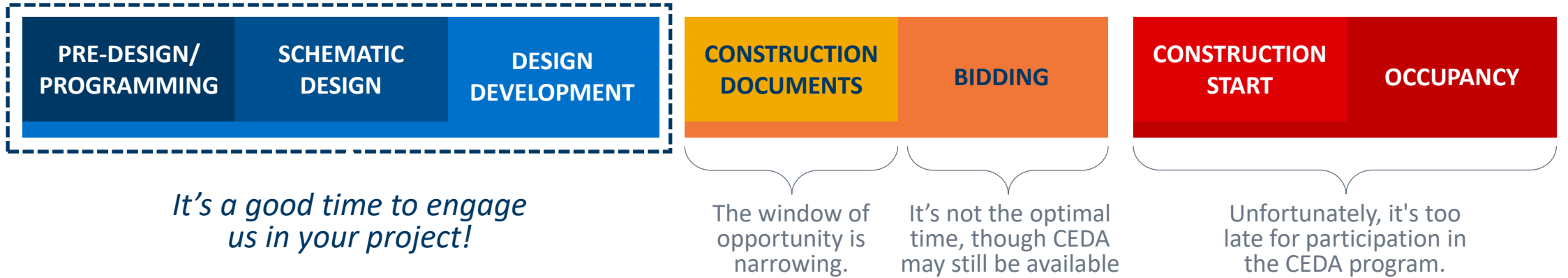


Major alterations must meet the following criteria:

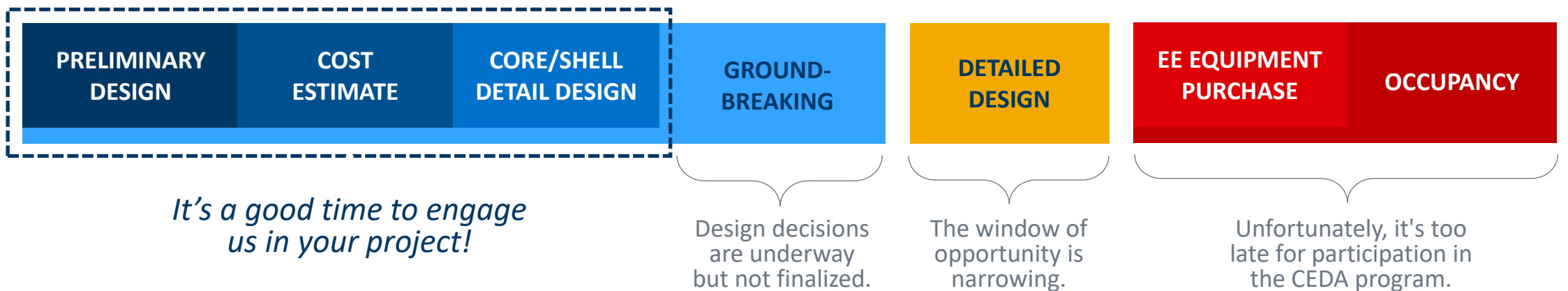
- Changes in space function (building or space occupancy type change) **OR**
- Substantial changes ($\geq 30\%$) in design occupancy (square feet per person) **OR**
- Increase ($\geq 10\%$) in conditioned floor area **OR**
- Any expansion or addition of substantial process or conditioning load to an existing facility



TRADITIONAL DESIGN/BID/BUILD PROCESS



FAST-TRACK OR DESIGN/BUILD PROCESS



1

ENROLLMENT



You provide schematic information about your building through our Energy Design Assistance application or directly to one of our outreach specialists

2

DISCOVERY



Willdan performs a real-time evaluation of decarbonization measures and bundle potential whole-building strategies for further analysis

3

RESULTS



You determine the measures that best align with your project goals, from which estimated savings, and incentives are calculated

4

VERIFICATION



We confirm your project was constructed to plan and issue a final report confirming savings, incentives as applicable

5

SAVINGS



Enjoy continual energy savings, helping to actualize decarbonization goals and being a grid partner

Design teams are stretched thin on time and budget, but that doesn't mean decarbonization needs to be put on the back burner.

CEDA is now offering **participation incentives** on top of the incentives your project will get for implementing decarbonization measures.

It's a win-win!



\$4,000

Participation
Incentive



MEASURE INCENTIVES

CEDA provides incentives for projects that:

- Implement High-Performance Measures (HPMs) that exceed Title 24 and install above-code energy efficiency measures
- Enable and participate in Demand Response (DR) / Integrated Demand-Side Management (IDSM) programs through qualifying load flexibility measures



Amount calculated during free analysis

Inducements Process:

1

COMMIT TO IMPLEMENTATION



2

SHARE DESIGN INFORMATION



3

INSTALL EQUIPMENT



4

VERIFICATION/
DATA SHARING



5

RECEIVE INCENTIVE



HIGH-PERFORMANCE MEASURES

Examples of high-performance measure types to help your teams evaluate decarbonization opportunities and available incentives

SPACE HEATING SYSTEM



- Heat recovery chillers
- Hydronic heat pumps
- Cold climate heat pumps
- Ground source heat pumps
- Controls

SERVICE WATER HEATING



- Central & semi-central HPWHs
- HPWHs with high-performance distribution system
- Optimization and load flexibility controls of HPWHs

PLUG LOADS



- High efficiency elevators
- All-electric commercial kitchens
- Circuit-level metering for high-rise multifamily
- Electric humidification systems

PROCESS LOADS



- Heat pump pool heaters
- High temp heat pumps
- Refrigeration heat reclaim
- Wastewater heat recovery
- Dryer exhaust heat recovery

OTHER

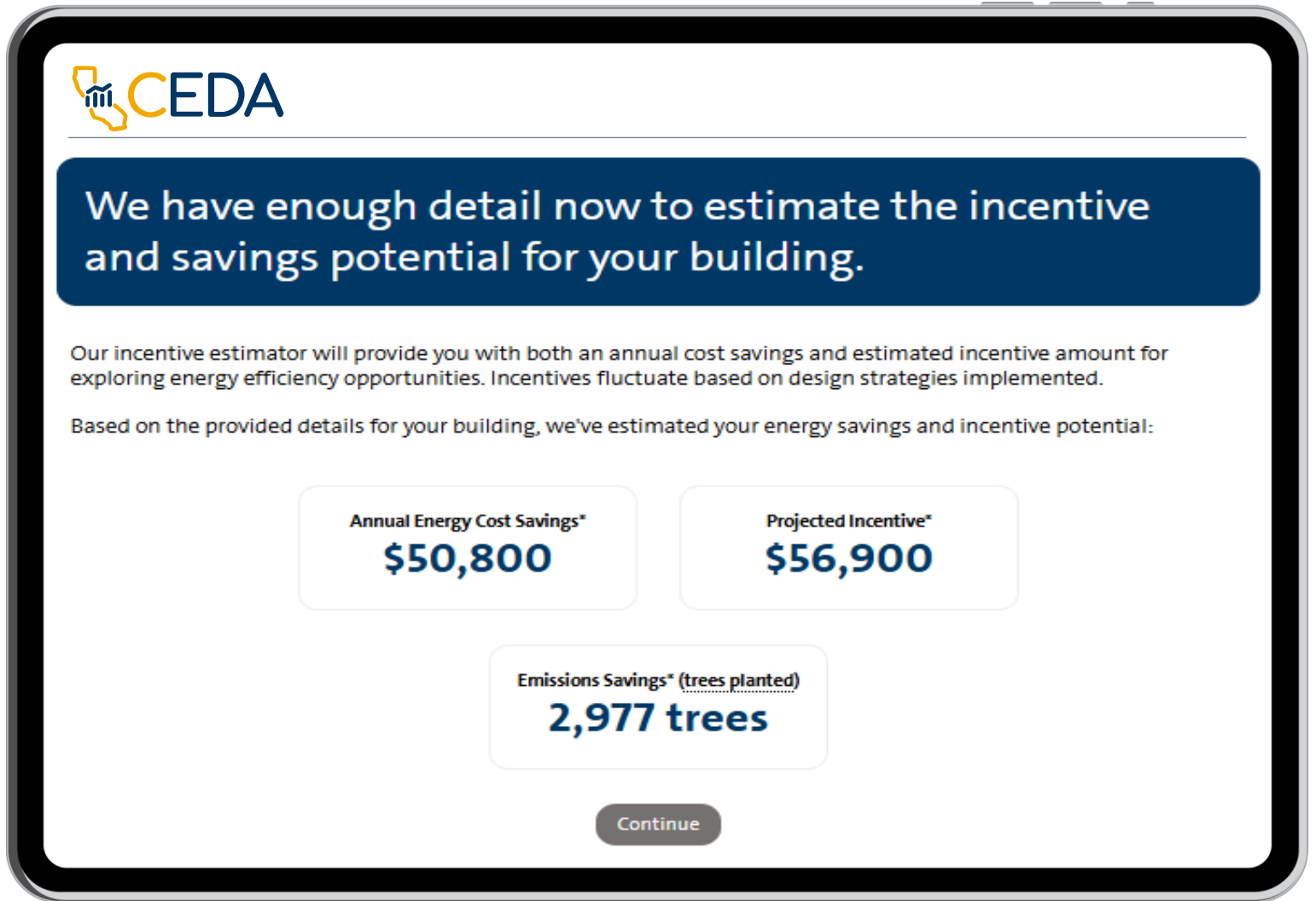


- High-performance building envelope & fenestration
- Building & energy management systems
- Low-GWP refrigerant systems
- And many more!

Quickly receive
an estimate of
project potential

Simply Input:

- Project location
- Project type
- Project stage
- Building purpose
- Square footage



The screenshot shows the CEDA online screening tool interface. At the top left is the CEDA logo. A dark blue banner contains the text: "We have enough detail now to estimate the incentive and savings potential for your building." Below this, a paragraph states: "Our incentive estimator will provide you with both an annual cost savings and estimated incentive amount for exploring energy efficiency opportunities. Incentives fluctuate based on design strategies implemented." Another paragraph reads: "Based on the provided details for your building, we've estimated your energy savings and incentive potential:". Three white boxes with rounded corners display the results: "Annual Energy Cost Savings*" with a value of "\$50,800", "Projected Incentive*" with a value of "\$56,900", and "Emissions Savings* (trees planted)" with a value of "2,977 trees". A "Continue" button is located at the bottom center.

Annual Energy Cost Savings*
\$50,800

Projected Incentive*
\$56,900

Emissions Savings* (trees planted)
2,977 trees

Continue

If there is a decarbonization consultant on your design team already, there is still an opportunity to participate in **CEDA Lite** and be eligible for measure incentives and a design team stipend.*



For **CEDA Lite**, project teams must:

- Complete all program documentation requirements
- Adhere to program modeling protocol
- Calculate energy savings using Approved Baseline (this is not CEC Title 24 modeling)
- Receive approval for modeling approach and software tool

** Design team stipend paid at savings claim submission acceptance and measure incentive paid at Verification*

Together we can achieve our goals to:

Advance
California's
decarbonization
goals

Promote
electrification

Reduce long
term energy
costs and
emissions

Drive
adoption
of high-
performance
measures

Make
buildings true
grid resources

Educate
the market

*Enroll your project today to determine
which decarbonization methods will benefit your project.*

HAVE A PROJECT TO DISCUSS?

For more information, please contact one of our program outreach specialists:

Jeff Glover

Outreach Manager

✉ JGlover@Willdan.com

☎ 952.939.1810



Tina Hendrix

Program Outreach Manager

✉ THendrix@Willdan.com

☎ 760.585.7577



GET STARTED TODAY!



 CaliforniaEDA.com

 855.502.3914



Authorized
Implementer of
PG&E Programs

Message paid for by customers.

The California Energy Design Assistance (CEDA) program 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. 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.