# ET Summit 2019

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# The Clean Energy Optimization Pilot (CEOP)

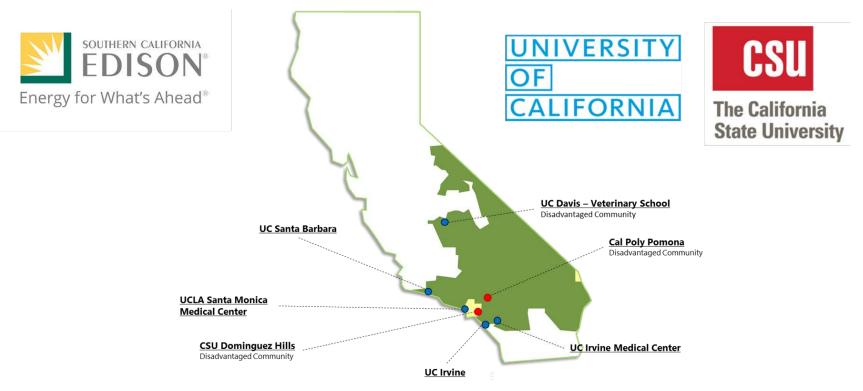
A customer-choice incentive program to reduce behind-the-meter greenhouse gas emissions

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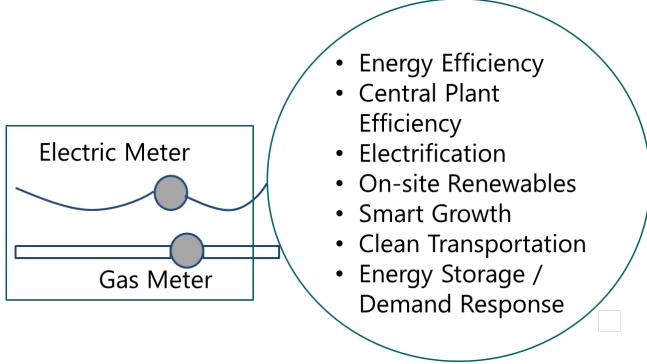


# **Clean Energy Optimization Pilot (CEOP) Partners**





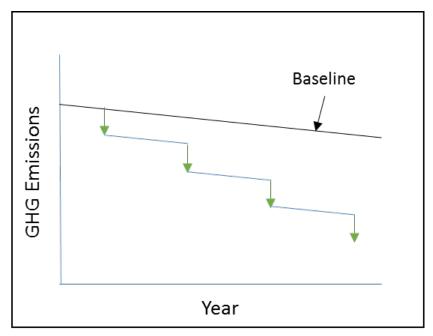
### **CEOP Provides Incentives for Behind-the-meter Actions**





#### **How the CEOP Incentive Works**

- **Step 1**: Annual Inputs
  - All campus utility-provided electric and natural gas meters
- **Step 2:** Adjustments
  - Electricity used for Transportation
  - Weather and Square Footage
- Step 3: Convert to GHG
- **Step 4:** Pay Incentives
  - Based on: Baseline GHG trajectory (bold line); and Actual Performance (green arrows)





# **Explanation on Performance-based Incentives**

- Performance payments calculated annually based on net GHG emissions reductions
- Goal of performance payments is to pay for incremental and persistent GHG emissions reductions
- Funding source: Cap and Trade auction revenues

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# **Clean Energy Optimization Pilot Summary**

#### **GOALS**

- Pilot a new performance-based program to encourage customers to reduce GHG emissions
- Allow customers to choose and implement technology solutions that best suit their needs—including cutting-edge technology
- Minimize administrative complexity
- Evaluate program effectiveness and customer preferences for action

#### **BENEFITS**

- ✓ Aligns with California's aggressive GHG reduction goals using universities as learning laboratories
- ✓ Allows the flexibility to focus on all technologies—traditional or new
- ✓ Incentive payouts are structured to provide lasting GHG reductions
- ✓ Supports scalability of opportunities across multiple industry sectors



#### Resources

- david.phillips@ucop.edu
- https://energized.edison.com/stories/fightingclimate-change-through-higher-education
- https://www.ucop.edu/carbon-neutralityinitiative/
- Overcoming Barriers to Carbon Neutrality
- <u>UC Strategies for Decarbonization: Replacing</u> Natural Gas
- Annual Sustainability Report
- Sustainable Practices Policy
- Climate Lab

