



CAP4ZNE

Climate Action Plan for Zero Net Energy
SDG&E® Local Government Program



The **Climate Action Plan for Zero Net Energy (CAP4ZNE)** Program provides a concierge approach tailored to the unique needs of each Local Government Partner for energy efficiency and greenhouse gas reductions.

The CAP4ZNE Energy Program will address the entire segment within SDG&E's service territory, which includes the following:

- 25 cities (including Civic Centers, Maintenance Yards, Police, Fire, Libraries, Water Treatment and Delivery, Waste Treatment, etc.) including South Orange County (portions of the county which include 21 zip codes).
- County of San Diego (including county hospitals and correctional facilities)
- Special Districts (e.g., cemeteries, fire, health, community services, parks & recreation, and conservation)
 - Solid Waste Facilities (Must not overlap with the Statewide Water and Wastewater Program)
 - Water/Wastewater Treatment Facilities (Must not overlap with the Statewide Water and Wastewater Program)

What will you receive?

With a one-stop-shop approach, CAP4ZNE includes a comprehensive assessment of the customer's facilities within SDG&E's service territory.

- Building Benchmarking
- Behavioral opportunities, including Technical Assistance and Education
- SDG&E Rates & Usage (Electric & Natural Gas)
- Codes & Standards including Private Sector Reach Codes
- Whole Building Audits
- Retro commissioning (RCx and MCx)
- Project Financing
- Dashboard

What are the Eligibility Requirements?

The Program provides incentives to customers that install equipment that exceeds standard efficiency of "baseline" equipment. "Standard efficiency" refers to equipment that meets either state/federal efficiency requirements or current industry practice. Thus, baseline energy use is established using accepted standards for currently available equipment.



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What are the benefits of participating in CAP4ZNE?

1. Behavioral opportunities including both technical and education projects will be implemented at our Local Government Partners facilities using Normalized Meter Energy Consumption (NMEC) for energy savings and incentive calculations to secure existing to Code energy savings.
2. Whole Building Audits to analyze and recommend Energy Efficiency Measures (EEMs) based on retrofit or replacement of equipment, materials and/or systems. The energy savings are increase by calculating the interactive effects of the recommended EEMs.
3. Monitored Commissioning (MCx) and Retro-Commissioning (RCx) projects using Normalized Meter Energy Consumption (NMEC) for energy savings and incentive calculations will be implemented to make sure our Local Government Partners buildings and facilities are operating as efficiently as the original Architects and Engineers intended.

What are some high performing measures?

Direct Installation, DEEMED, RCx, and Custom Measure Mix includes:	
<ul style="list-style-type: none"> ➤ HVAC: <ul style="list-style-type: none"> • Controls and Sensor Improvements • Variable Speed Drives • Equipment Retrofit • New Equipment 	<ul style="list-style-type: none"> ➤ Water Conservation <ul style="list-style-type: none"> • Low Flow Devices
<ul style="list-style-type: none"> ➤ Refrigeration <ul style="list-style-type: none"> • Controls Improvements • Pipe Insulation • New Equipment 	<ul style="list-style-type: none"> ➤ Water and Wastewater Pumping <ul style="list-style-type: none"> • Pump Retrofit • Pumping System Improvements
<ul style="list-style-type: none"> ➤ Lighting <ul style="list-style-type: none"> • Fixture Replacement • Lamp Retrofit 	<ul style="list-style-type: none"> ➤ Retro-Commissioning <ul style="list-style-type: none"> • Traditional RCx • Monitoring Based MCx
<ul style="list-style-type: none"> ➤ Water Heating <ul style="list-style-type: none"> • New Equipment • Steam Trap Replacement 	<ul style="list-style-type: none"> ➤ Custom Measures

What type of energy efficient projects are included in CAP4ZNE?





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What are the incentive rates?

Incentives are calculated from estimated savings by:

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Electrical Consumption Incentive (\$) = First Year kWh Savings x RR (DAC/HTR) x NTG x Discounted Effective Useful Life x Base \$/kWh Incentive Rate			
<i>Plus</i>			
Gas Consumption Incentive (\$) = First Year therm Savings x RR (DAC/HTR only) x NTG x Discounted Effective Useful Life x Base \$/therm Incentive Rate			
<i>Plus</i>			
Electrical Peak Demand Incentive (\$) = Peak Demand (kW) Savings x RR (DAC/HTR only) x NTG x Base \$/kW Incentive Rate			
Base Incentive Rate	\$/kWh	On-Peak \$ / kW	\$/therm
	\$0.12	\$150.00	\$1.00 / therm



What is included in a Climate Action Plan?

The CAP4ZNE Program will offer a Climate Action Plan for each project and may include the following information, analysis, recommendations, implementation, and data tracking:

- Building Benchmarking
- Behavioral Opportunities, including Technical Education
- Utility Rate & Usage Analysis
- Whole Building Audits identifying cost effective EE Measures
- Monitoring-based commissioning (MCx) and Virtual and/or On-Site Retro Commissioning (RCx)
- Rebates & Incentives exclusively for Local Government Partners
- GHG & Renewable Energy Evaluations
- Revolving EE funds adoption and other financing options
- Partner Action Plan implementation and real-time tracking on Customer Dashboard



What documentation is required?

1 Program Participation Initiation Form

The customer signs after the first introductory presentation visit.

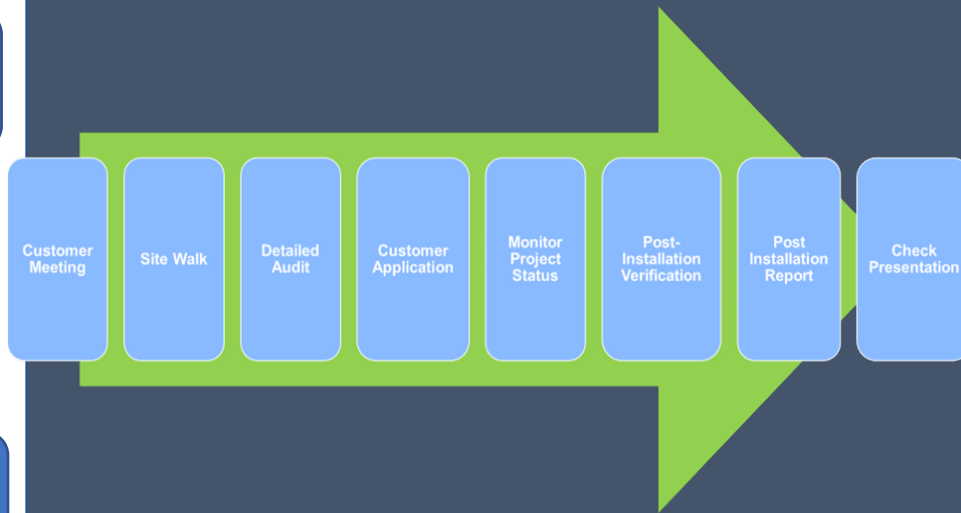
2 Project Application

This form requires the signature of both the customer and Okapi; and defines a specific project that the customer commits to undertake.

3 Incentive Recipient Certification Form

Okapi will complete the Incentive Recipient Certification Form & present it to the customer for signature. This form triggers the process for an incentive payment.

What is the CAP4ZNE Program Process?

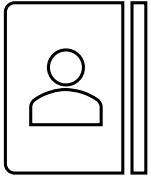


- Customer Meeting** – Okapi schedules an initial customer meeting.
- Site Walk Through** – A walk through audit to determine the feasibility and requirements for a detailed audit.
- Detailed Audit** – A detailed audit with Okapi and/or its sub-contractors.
- Customer Application** – Okapi reports the findings of the audit & the estimated associated incentive for completion of the project. Customer signs Program Application.
- Monitor Project Status** – Interim contacts & visits by Okapi and its sub-contractors as the project proceeds and reaches completion.
- Post-Installation Verification** – Interim visits by Okapi and its sub-contractors after completion of installation and start up to verify projects are installed and commissioned as outlined in the CAP.
- Post Installation Report** – Completion of Project Report and Calculations for the project.
- Check Presentation** – The incentive check is issued by Okapi and its presented to the customer.



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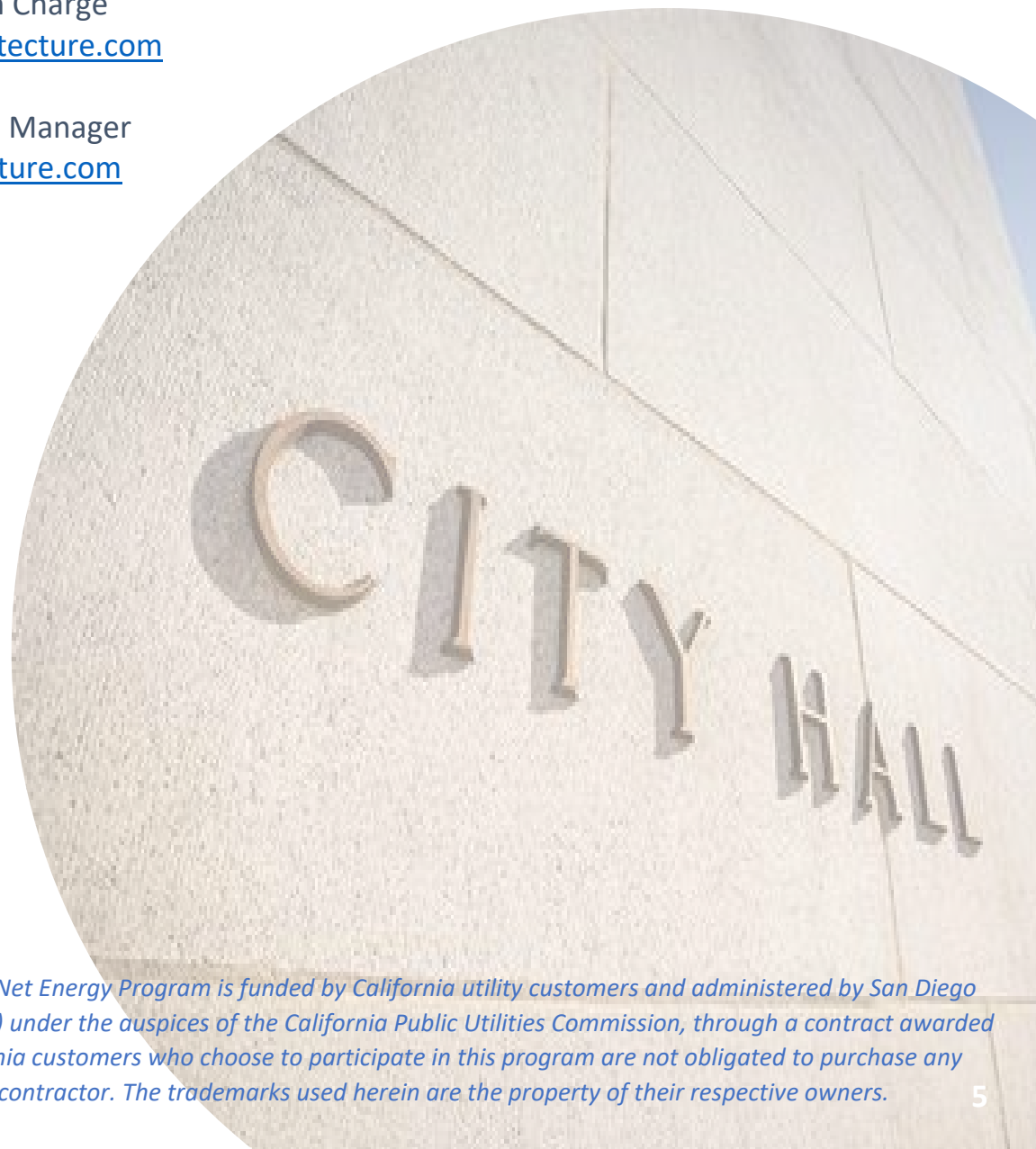


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