



Inland Regional Energy Network (I-REN)
Technical Assistance and Strategic Energy Planning (TA) & Public
Buildings Normalized Metered Energy Consumption (NMEC) Programs

Implementation Plan Webinar
November 30, 2023

Agenda

- Introductions
- Eligibility
- TA and NMEC Program Overviews
 - Project Delivery Implementation Process
 - Project Implementation Timeline
 - Logic Model
 - Budget
- Questions

Eligible Public Agencies

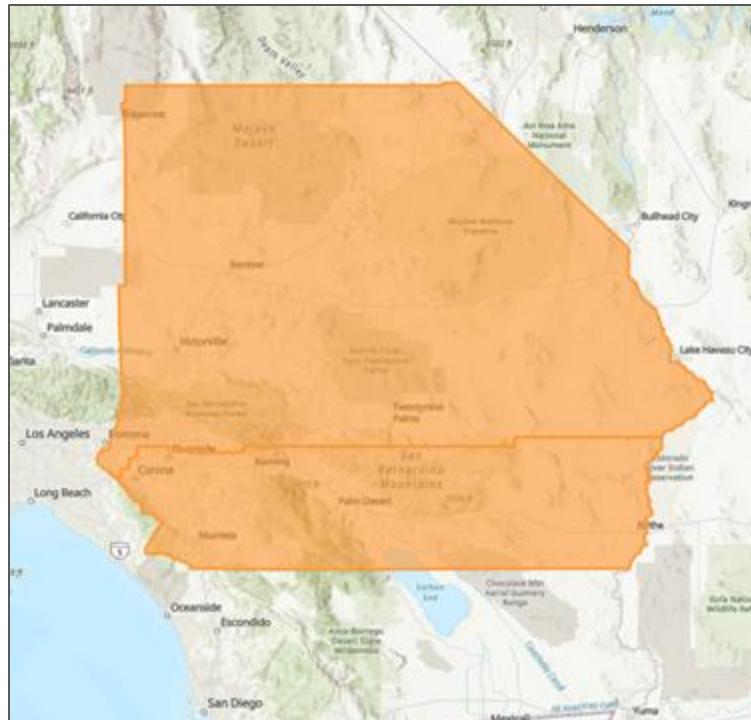


I-REN Territory

Who is eligible for I-REN Public Sector services and support?

- Public agencies* in the I-REN territory (San Bernardino and Riverside Counties)
 - Cities
 - Counties
 - Special districts
 - K-12 school districts
 - Tribes
 - Water/wastewater agencies/districts
 - Other public agencies

**All facilities and infrastructures with an electric and/or natural gas account serviced by SCE and SCG that lists an eligible public agency as the customer on record within the program geographic territory are eligible for I-REN services*





Technical Assistance and Strategic Energy Planning (TA) Program

I-REN TA Program



Program Name:	Technical Assistance and Strategic Energy Planning Program
Program Segment:	Equity
Implementer Type:	Third party-delivered
Market Sector:	Public Sector
Intervention Strategy & Market Channel:	Technical Assistance; Direct Implementation; Downstream
Performance Metrics:	Number of agencies leveraging services and receiving program support; agencies supported with energy benchmarking; energy efficiency projects implemented; projects that receive financing and external funding support; participants at workshops, webinars, and community outreach initiatives
Projected TRC:	N/A

I-REN TA Program



We build capacity and knowledge to enable local governments to effectively leverage energy efficiency services and to demonstrate best practices. I-REN takes a comprehensive approach in helping local agencies to complete energy efficiency projects. From project identification to completion, we offer a suite of services to help identify energy-saving measures and work alongside agency staff—at no cost.



TA Program Implementation Process

Strategic
Energy
Planning

Project
Identification

Audit

Funding &
Financing

Design &
Procurement

Construction

Hand-off

Key Objectives

- ✓ One-on-one support for local governments
- ✓ Technical assistance to implement strategic energy plans and projects
- ✓ Secure funding for energy efficiency upgrades
- ✓ Develop or enhance strategic energy plans
- ✓ Connect agencies to outside resources



Building Upgrade Concierge (BUC) Software

Customer-facing portal with capabilities including:

- Gather enrollment information from interested parties and evaluate enrollees based on eligibility criteria
- Display a tailored list of opportunities to the interested party based on the enrollment information they input
- Provide other informational resources relevant to the interested party
- Connect the interested party to I-REN program staff to begin person-to-person next steps

BUC Features for I-REN Jurisdictions

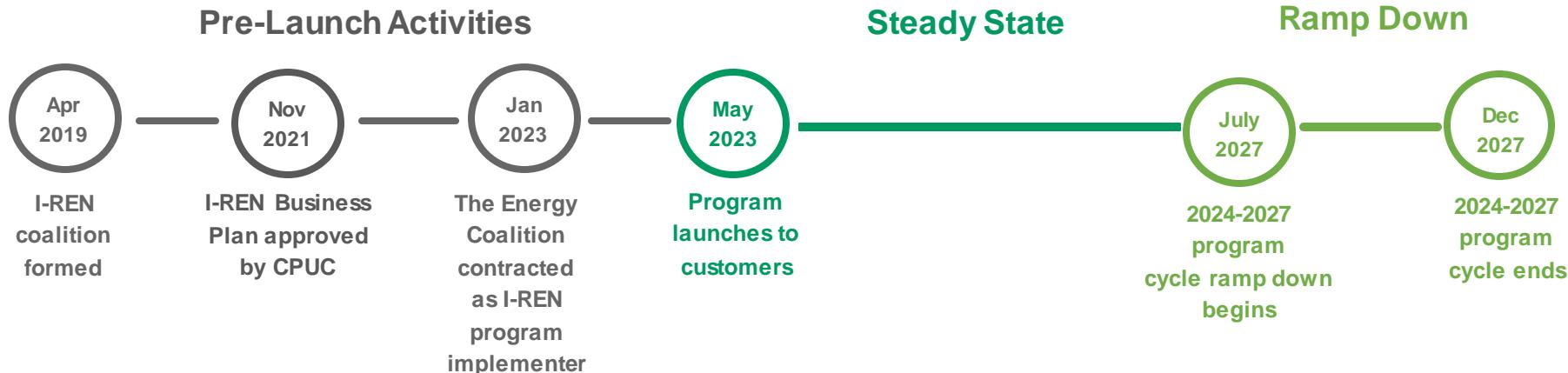
Analytics

- Portfolio Management Configuration and Dashboard
 - Upload billing history
- Benchmarking
- Utility Bill Analysis Charts
- Measure Savings

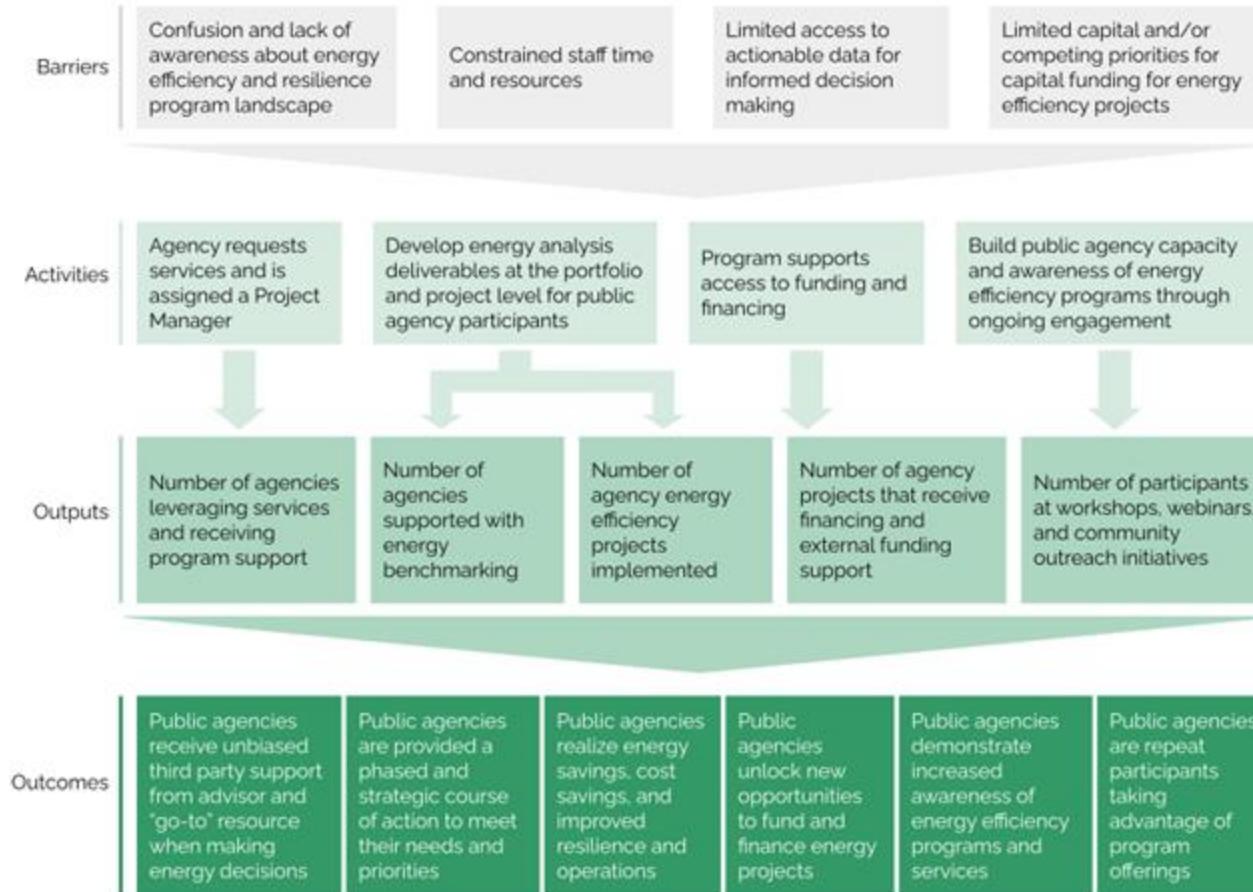
Modeling

Measurement & Verification Performance

TA Program Implementation Timeline



TA Program Logic Model



TA Program Budget

Technical Assistance and Strategic Energy Planning	2022	2023	2024	2025	2026	2027	Total	Cost Categories
Administration	\$22,723	\$152,400	\$146,590	\$155,361	\$158,647	\$160,509	\$321,713	5%
Marketing, Education, & Outreach	\$16,468	\$153,111	\$189,130	\$213,526	\$217,982	\$220,460	\$358,709	6%
Implementation (Non-Incentives)	\$175,946	\$2,425,714	\$2,726,745	\$2,731,903	\$2,725,947	\$2,775,976	\$5,377,636	88%
Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
Total	\$215,137	\$2,731,225	\$3,062,465	\$3,100,790	\$3,102,576	\$3,156,945	\$6,103,307	100%



Public Buildings Normalized Metered Energy Consumption (NMEC) Program

I-REN NMEC Program



Program Name:	Public Buildings Normalized Metered Energy Consumption Program
Program Segment:	Equity
Implementer Type:	Third party-delivered
Market Sector:	Public Sector
Intervention Strategy & Market Channel:	Technical Assistance; Downstream; Incentives
Performance Metrics:	Projects eligible for NMEC; project applications submitted; project applications approved; staff trained; completed projects; incentive dollars issued; energy savings achieved; persistence of savings reports presented to agencies
Projected TRC (2024-2027 cumulative):	0.06

I-REN NMEC Program



We help public agencies save energy and money at community-serving buildings with funding to complete holistic energy efficiency projects. I-REN focuses on deep emissions reductions at critical emergency operation and cooling centers by offering cash incentives for savings achieved. We work alongside agency staff to ensure they have the funding they need to complete community projects, with increased incentives for projects with higher savings.



NMEC Program Implementation Process

Project
Eligibility

Incentive
Application

Installation
Verification

Project
Completion
Incentive

Staff Training

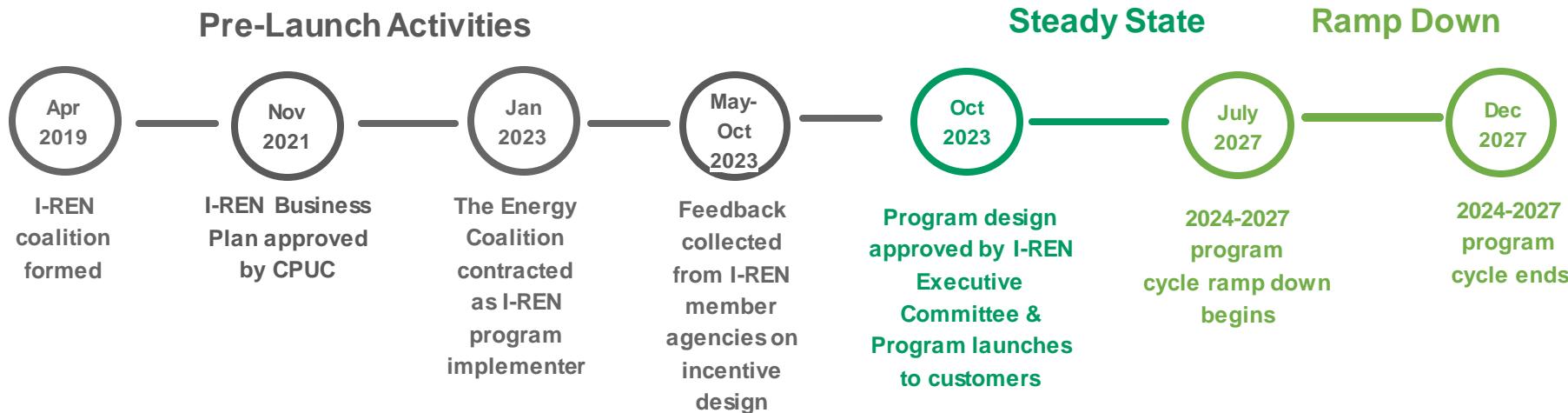
Metered
Savings
Quantified

Savings
Persistence
Incentives

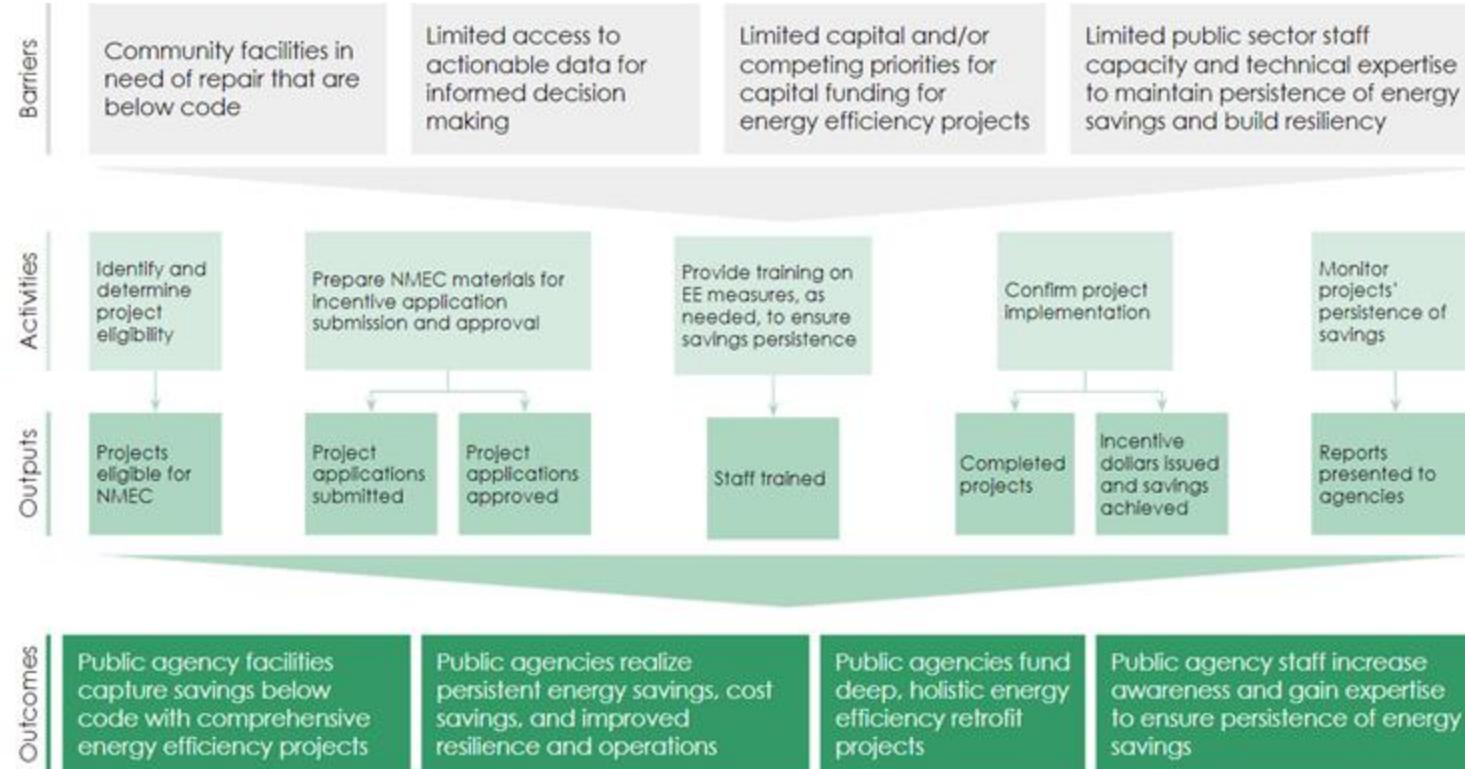
Key Objectives

- ✓ Support comprehensive energy efficiency projects at critical, resilience, or cooling centers
- ✓ Disperse incentives for energy efficiency upgrades
- ✓ Maximize persistence of energy and bill savings through operations and maintenance training
- ✓ Continued engagement through project savings reports

NMEC Program Implementation Timeline



NMEC Program Logic Model





NMEC Program Energy Savings

Savings	2024	2025	2026	2027	Total
kWh	285,000	950,000	1,235,000	1,605,500	4,075,500
kW	24	71	93	120	308
therms	475	1,425	1,853	2,408	6,161

NMEC Program Incentives

Base Rate

Projects will be incentivized based on claimable energy savings achieved

Energy Savings	Base Incentive Rate
kWh	\$0.50
kW	\$200.00
therms	\$1.00

Kickers

- Tiered kWh incentive “kickers” will be available to encourage deep energy savings (over 15% total savings at the meter) and holistic projects
- kWh incentives will be doubled for projects that occur at critical, cooling, or resiliency centers

Total Savings Percentage*	Incentive Rate	Critical/Cooling/Resiliency Center Rate
Up to 15%	\$0.50/kWh	\$1.00/kWh
16-30%	\$0.60/kWh	\$1.20/kWh
31-50%	\$0.70/kWh	\$1.40/kWh
Over 50%	\$1.00/kWh	\$2.00/kWh

* Total project savings will have to pass eligibility criteria as per the NMEC Rulebook



NMEC Program Budget

Public Buildings NMEC	2022	2023*	2024	2025	2026	2027	Total	Cost Categories
Administration	\$12,342	\$152,358	\$135,526	\$139,748	\$138,093	\$133,132	\$711,199	3%
Marketing, Education, & Outreach	\$8,944	\$167,773	\$234,955	\$229,479	\$227,500	\$220,386	\$1,089,037	5%
Implementation (Non-Incentives)	\$95,562	\$1,656,331	\$1,478,485	\$1,578,307	\$1,624,835	\$1,643,293	\$8,076,813	39%
Incentives	\$0	\$0	\$751,748	\$2,505,828	\$3,257,576	\$4,234,848	\$10,750,000	52%
Total	\$116,848	\$1,976,462	\$2,600,714	\$4,453,362	\$5,248,004	\$6,231,659	\$20,627,049	100%

*2023 Actual + Forecast



Questions?



Thank you!

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