



Received After Agenda Printed
12/19/23 Regular Meeting
Presentation

Inland Regional Energy Network Murrieta Overview

January 2024

Who We Are

We are a network of partners, including the Coachella Valley Association of Governments, the San Bernardino Council of Governments, and the Western Riverside Council of Governments, formed to serve the cities and communities of our region.





Your Local Champion for Energy Efficiency

Our mission is to build a stronger clean energy economy and community throughout California's Inland Empire by connecting residents, businesses, and local governments to a wide range of energy efficiency resources. Together, we will empower local governments to practice energy efficiency, enable code compliance in the building industry, and support workforce education and training in our region.

Our Programs



**Public Sector
Program**



**Codes & Standards
Program**



**Workforce Education &
Training Program**



Services & Offerings

Our Programs



Public Sector Program

We build capacity and knowledge to enable local governments to effectively leverage energy efficiency services and to demonstrate best practices. We take a comprehensive approach in helping local and state agencies undertake energy efficiency projects, from designing performance specifications to project completion, at no additional cost.

Technical Assistance Process

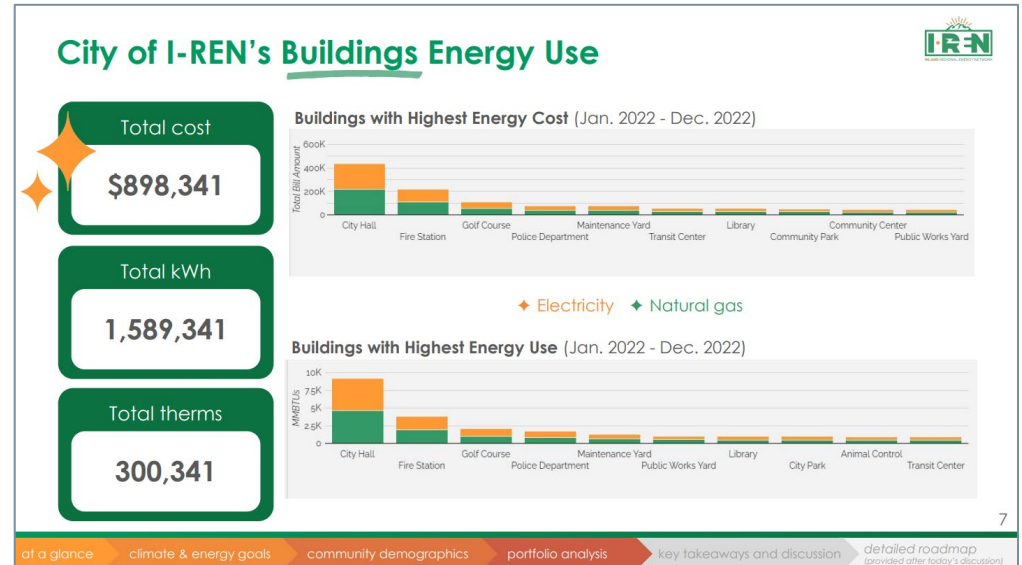


Key Objectives

- ✓ 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

Energy Resilience Roadmap

- Climate & Energy Goals
- Climate and Energy Vulnerabilities
- Portfolio-Level Energy Analysis
- Key Takeaways & Recommendations



Building Upgrade Concierge (BUC)

Energy Data Collection & Analysis

- **Result:** Energy analysis and site prioritization for each agency
- **Process:**
 - Agency energy and data collection
 - Data processing and analysis (ESPM support)
 - Portfolio energy analysis presentation and site prioritization

Support with facility benchmarking through BUC

kWh Benchmark Gas Benchmark Combined Benchmark

Type here to search building by Name

High Savings Potential Low Savings Potential

Building Name	Building Type	Area (sq ft)	Annual kWh	Electric EI (kWh/ft ²)	Benchmark Electric EI (kWh/ft ²)	Difference From Benchmark (%)	Difference From Benchmark (kWh)	ANALYZE
B2	Hospital (General Medical & Surgical)	640,000	20,038,704	31.3	32.5	-3	-761,296	ANALYZE
B1	Hospital (General Medical & Surgical)	640,000	20,038,704	31.3	19.6	59	7,488,304	ANALYZE
B3	Fire/Police Station	620,000	20,038,704	32.3	13.1	146	11,916,704	ANALYZE

Normalized Metered Energy Consumption (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.

Our Programs



Codes & Standards Program

We work closely with local building departments and the building industry to support, train, and enable long-term streamlining of energy code compliance, as well as to assist local government agencies in better understanding and enforcing building codes.

Our Focus – Title 24 Part 6: Energy Code

Purpose: Achieve energy efficiency and preserve indoor and outdoor environmental quality

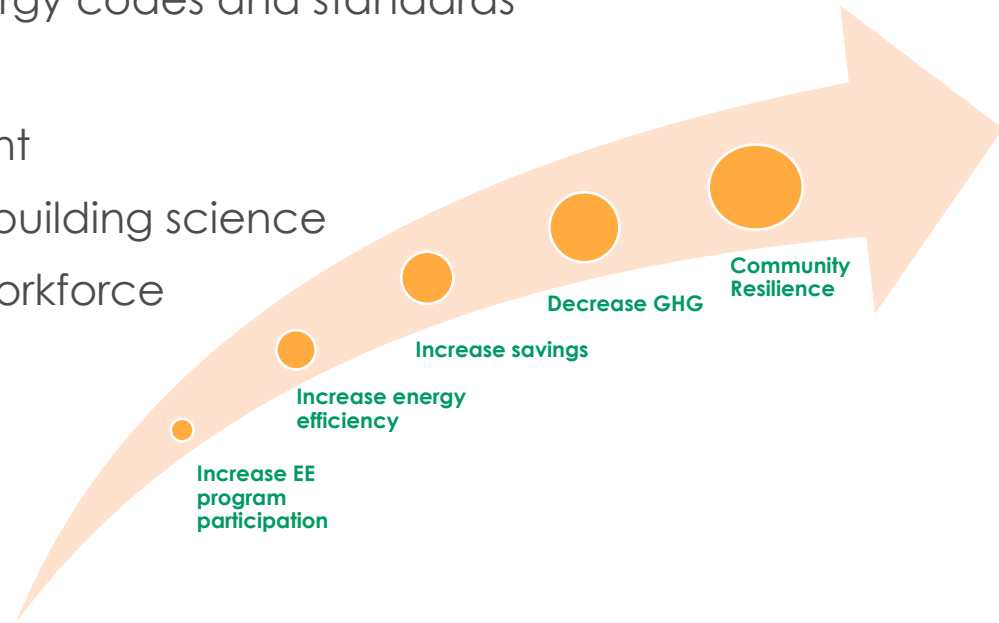
- New construction, additions, alterations
- Residential and non-residential



How I-REN Can Help

Support private and public sector building professionals in:

- Becoming better educated in energy efficiency
- Complying with and enforcing energy codes and standards
- Getting the required permits
- Installing energy efficient equipment
- Employing advanced practices in building science
- Developing capable regional EE workforce



2024 Upcoming Trainings

- Accessory Dwelling Units (ADUs)
 - Thursday, January 25th from 9-10:30AM
- Solar PV & Battery Standards
 - Thursday, February 22nd from 9-10:30am.
- International Code Council (ICC) Continuing Education Credits (CEUs) are available at no-cost to attendees
- More information and registration at iren.gov/calendar

Our Programs



Workforce Education & Training Program

We support numerous local workforce education and training programs to encourage and realize energy efficiency goals across sectors. We provide training, tools, and opportunities for diverse participants in disadvantaged communities to pursue careers and contracts in energy efficiency. This includes deploying up to 27 fellows every year to support public sector agencies with their energy efficiency initiatives within municipal operations and through outreach and engagement in the communities.

Workforce Education & Training (WE&T) Overview

- **GOAL:** Ensure there is a trained workforce to support and realize energy efficiency savings goals across sectors
- **STRATEGY:** Develop job pathways to help bridge the gap between energy industry and workforce
- **BENEFIT:** Improve access to training opportunities in person, online, and in the field

NO COST FOR PARTICIPATING HOST AGENCIES



I-REN Energy Fellowship

Overview

- No charges to member agencies
- Partnership with CivicSpark, an AmeriCorps Program
- Up to 27 fellows every year
- I-REN fellows work approximately 1,700 hours annually



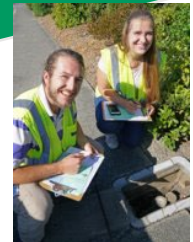
Host Agency Requirements

- Workspace
- Equipment
- Site supervisor committed to professional growth



Project Menu Sampling

- Building benchmarking
- Facility audits
- Building inventories
- Billing rate analysis
- Community outreach
- Climate action plans, energy action plans, capital improvement plan, etc.





Murrieta Overview

Accomplishments & Opportunities

- Completed:
 - Public Sector Kick-Off meeting on August 9th, 2023
 - Received energy data from SoCal Edison & SoCal Gas
- In Progress:
 - Energy Resilience Roadmap
 - I-REN team will reach out to set up a meeting and discuss
 - BUC Software Data is being inputted
 - I-REN team will reach out for a training once available
- Other Opportunities:
 - Host an I-REN Energy Fellow this Fall
 - Sign up for the Local Government Sustainable Energy Coalition (LGSEC)



Contact Us

Benjamin Druyon

Program Manager

(951) 405-6727

bdruyon@wrcog.us

Casey Dailey

Director of Energy &
Environment

(951) 235-5125

cdailey@wrcog.us

Karina Camacho

Senior Analyst

(951) 405-6724

kcamacho@wrcog.us