

THE LASTING LEGACY OF

*Local Government
Partnerships*

**10th Annual SEEC Forum
June 27, 2019**

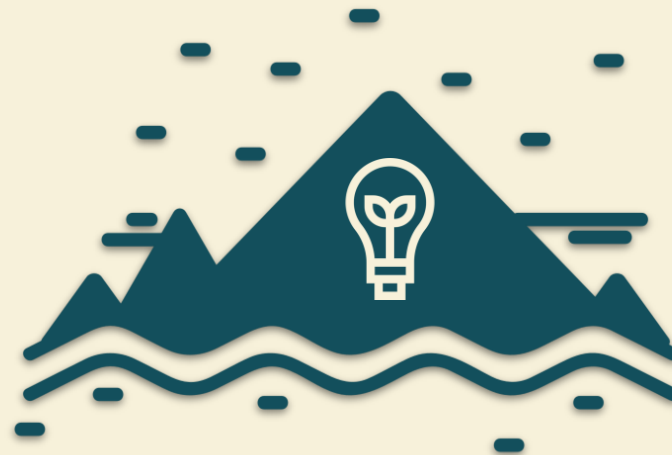
Gather Around

- Origin & Evolution of Partnerships
 - Regional Approach to LGPs
- Best Practices for Implementation
 - Support into the Future





Empowering communities to leap into the future
of clean energy.



Camp Leader
Laurel Rothschild, Vice President

The First Partnership



1992

Irvine Energy Efficiency Initiative (IEEI) becomes the first city-utility partnership - a collaboration between City of Irvine, Southern California Edison and The Energy Coalition.

LGP Evolution



1996

IEEI grew to include the City of Santa Monica and became the **Regional Energy Efficiency Initiative (REII)**

2002

CPUC approved **LG programs** for IOU contracts; Some LGs operated building retrofit programs using other public funds



LGP Evolution



REII expanded to include 10 Partner Cities and SoCalGas Company; Renamed the **Community Energy Partnership**

2003

2004

CPUC approved funding for **LGPs across the four IOUs**; Major increase in the number of LGPs and resources directed to LG energy efficiency



LGP Evolution



Successful launch of many LGP programs as we know them today

2009

2010

Continuation of 2006 - 2008 program model during **Bridge Period** while transitioning to new funding cycle



LGPs Today

50+

Active Local
Government
Partnerships



60+

Counties
Served



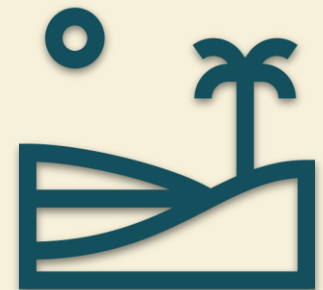
370+

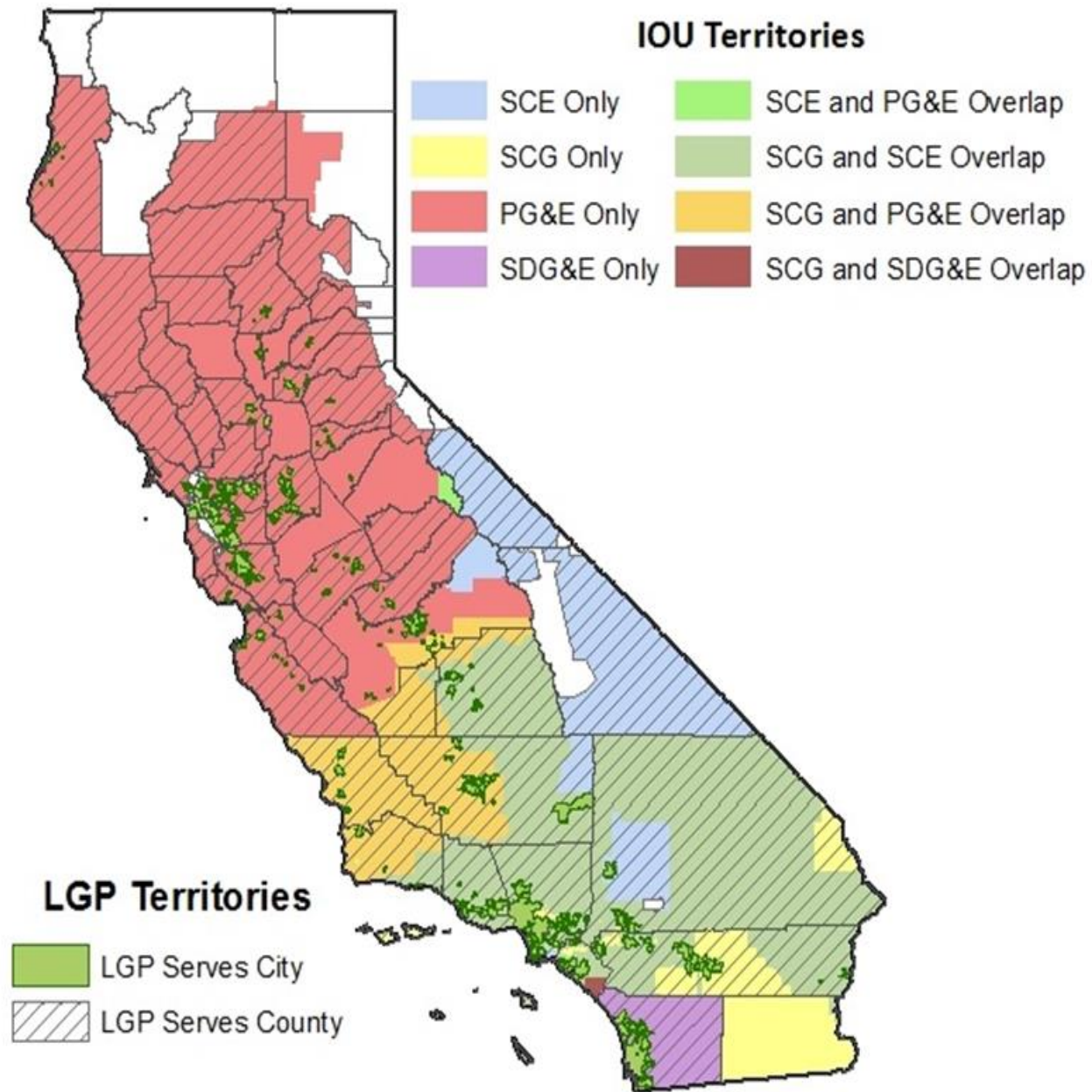
Cities
Served



4

Investor
Owned Utilities





Lou Jacobson



REDWOOD COAST
EnergyAuthority



**Director of Demand Side Management
Redwood Coast Energy Authority**

Courtney Kalashian

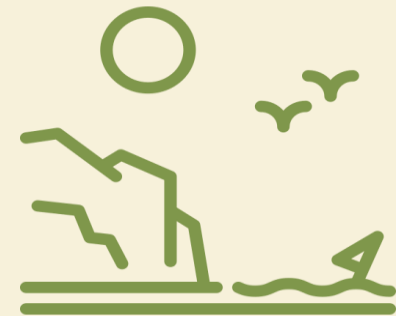
**Executive Director
San Joaquin Valley Clean Energy
Organization**



Alejandra Tellez



**Program Manager
County of Ventura**

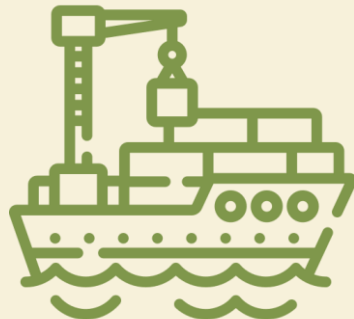


Renée Yarmy

**Program Manager,
Energy & Sustainability
Port of San Diego**




PORTof
SAN DIEGO



Campfire Discussion



A group of people are sitting around a campfire at night. The fire is bright and central, illuminating the scene. The people are silhouetted against the dark background, with some looking towards the camera and others looking at the fire. The background shows dark trees and foliage.

“THE GREATNESS OF A
COMMUNITY IS MOST
ACCURATELY MEASURED BY
THE COMPASSIONATE ACTIONS
OF ITS MEMBERS.”

CORETTA SCOTT KING

Efficiency First!

ARE YOU

- 18 years of age or older?
- A City of San Bernardino resident?
- A customer of SCS (Solidus) and Southlane (formerly San Company) Inc.

Are you eligible to receive a FREE 1 Year/100 Mile Road Kit with tools and tips to save gas, reduce wear and tear, including a Free Compact Fluorescent Light Kit (CFL) and more on wheels?



Introduction **Section 1** **Section 2** **Section 3** **Section 4** **Section 5** **Section 6** **Section 7** **Section 8** **Section 9** **Section 10** **Section 11** **Section 12** **Section 13** **Section 14** **Section 15** **Section 16** **Section 17** **Section 18** **Section 19** **Section 20** **Section 21** **Section 22** **Section 23** **Section 24** **Section 25** **Section 26** **Section 27** **Section 28** **Section 29** **Section 30** **Section 31** **Section 32** **Section 33** **Section 34** **Section 35** **Section 36** **Section 37** **Section 38** **Section 39** **Section 40** **Section 41** **Section 42** **Section 43** **Section 44** **Section 45** **Section 46** **Section 47** **Section 48** **Section 49** **Section 50** **Section 51** **Section 52** **Section 53** **Section 54** **Section 55** **Section 56** **Section 57** **Section 58** **Section 59** **Section 60** **Section 61** **Section 62** **Section 63** **Section 64** **Section 65** **Section 66** **Section 67** **Section 68** **Section 69** **Section 70** **Section 71** **Section 72** **Section 73** **Section 74** **Section 75** **Section 76** **Section 77** **Section 78** **Section 79** **Section 80** **Section 81** **Section 82** **Section 83** **Section 84** **Section 85** **Section 86** **Section 87** **Section 88** **Section 89** **Section 90** **Section 91** **Section 92** **Section 93** **Section 94** **Section 95** **Section 96** **Section 97** **Section 98** **Section 99** **Section 100**

ENERGY SAVERS
TOM & JERRY
HARRY & BECK
© 1990



SUMMER 2007 ENERGY CHAMPION PLEDGE

pledge: I, the undersigned, do hereby pledge to reduce my energy consumption 10% or more during the summer months of 2007.

- Reducing Energy Usage and Reducing Energy Costs
- Reducing my energy consumption
- Reducing my air conditioning consumption
- Reducing my water consumption

signature: _____

I am the _____ of _____

Signature: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: _____ **Fax:** _____

E-mail: _____

Signature: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: _____ **Fax:** _____

E-mail: _____

COMMUNITY
ENERGY
PARTNERSHIP
Efficiency First!

A red tote bag with the Community Energy Partnership logo and the slogan "Efficiency First!". The logo features a stylized house icon with a leaf inside. The text "COMMUNITY ENERGY PARTNERSHIP" is printed in a bold, sans-serif font, and "Efficiency First!" is written in a script font below it. At the bottom of the bag, there is a small line of text: "An affiliate: Green Works and alternative resources, a not-for-profit of public body".

SAY YES!

- 15 years or age or older?
- Member of SDC (Saves and Southern California Gas Company?)

You are eligible to receive a \$10 Compact Fluorescent light bulb & \$100 SAGE electrical

ARE YOU:

- 18 years of age or older?
- A customer of SCS (Silicon) and Southern California Gas Company?

Then you qualify to receive a
 CFL (Compact Fluorescent light) bulb &
 FREE faucet aerator!

**COMMUNITY
ENERGY
PARTNERSHIP**

Efficiency First!

Summer 2007 ENERGY CHAMPIONS

se Call
5235

535

09/08/2017

... ..

10

11

disc

Review



Valley Innovative Energy Watch (VIEW) Outreach Event



West Side, Culver City Fiesta La Ballona, 2013



San Mateo County Energy Watch - C/CAG of San Mateo Ceremonial Check



Ventura County Regional Energy Authority (VCREA) - Port Hueneme Tour



“THE PARTNERSHIP HAS HELPED
GROW OUR 14 MEMBER
AGENCIES IN WESTERN
RIVERSIDE COUNTY TO BECOME
ENERGY LEADERS!”

ANTHONY SEGURA
WESTERN RIVERSIDE ENERGY PARTNERSHIP (WREP)
EST. 2010



Community Energy Partnership Energy Champions, 2008



Sierra Business Council - Alpine Co Energy Fair




San Joaquin Valley Clean Energy Organization - Central California Conference



San Francisco Energy Watch



San Joaquin Valley Clean Energy Organization - Central California Conference



“ALONE, WE CAN DO SO LITTLE;
TOGETHER, WE CAN DO SO
MUCH”

HELEN KELLER



San Joaquin Valley Clean Energy Organization - Central California Conference





Sierra Business Council



Santa Monica, COAST



Sierra Business Council - Grass Valley Title 24 Training



South Bay Cities Council of Governments Founders Day

A group of people are sitting around a campfire at night. The fire is bright and glowing, illuminating the scene. The people are silhouetted against the dark background, and their faces are partially lit by the fire. The background shows some trees and foliage.

MOST REWARDING LCP EXPERIENCE...

“MAKING A POSITIVE IMPACT FOR FRESNO
COUNTY COMMUNITIES AND HELP(ING)
THEM EXPERIENCE ENERGY SAVINGS,
WHICH TRANSLATED INTO MONETARY
SAVINGS.”

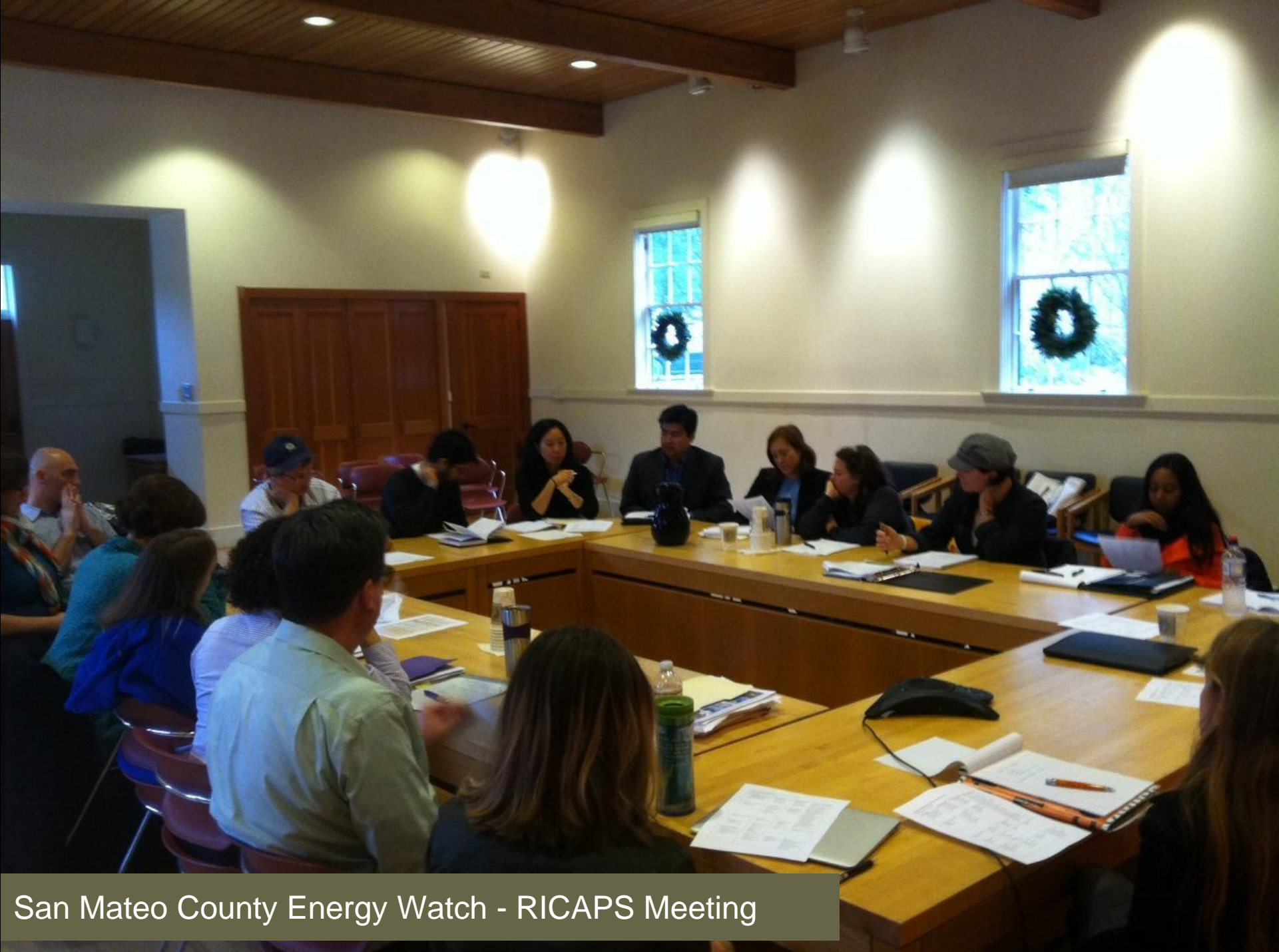
JUAN CARRANZA
FRESNO ENERGY WATCH PROGRAM
EST. 2011



Sierra Business Council - Mammoth Lakes Community Workshop



City of Chula Vista



San Mateo County Energy Watch - RICAPS Meeting

“BY FOCUSING ON COST-EFFECTIVE PROJECTS
AND THE ECONOMIC BENEFITS OF THE EAPs,
WE HAVE BEEN SUCCESSFUL IN GETTING NEAR-
UNANIMOUS SUPPORT FROM ALL ELECTED
OFFICIALS IN A REGION THAT IS MORE
CONSERVATIVE THEN MOST OF CALIFORNIA.”

PAUL AHMS
SIERRA NEVADA ENERGY WATCH
EST. 2008



West Side Energy Partnership, Partnership Meeting, 2018



Ventura County Regional Energy Authority (VCREA) - Eco Festival



Sierra Business Council - Mammoth Lakes Community Workshop



San Francisco Energy Watch



“THE DCEP WAS SUCCESSFUL IN ESTABLISHING
A MULTITUDE OF POLICIES AND COMPLETING
VARIOUS EE PROJECTS THROUGHOUT OUR
DESERT REGION.”

BENJAMIN DRUYON
DESERT CITIES ENERGY PARTNERSHIP (DCEP)
EST. 2012



Sierra Business Council



08/23/2013 10:32

San Francisco Energy Watch

“IT HAS BEEN VERY REWARDING TO SEE THE
NUMBER OF PROJECTS COMPLETED ... AS
WELL AS THE CAPACITY WE HAVE BUILT IN
THE COMMUNITIES TO ADVANCE LARGER
INITIATIVES.”

PAUL AHMS
SIERRA NEVADA ENERGY WATCH
EST. 2008



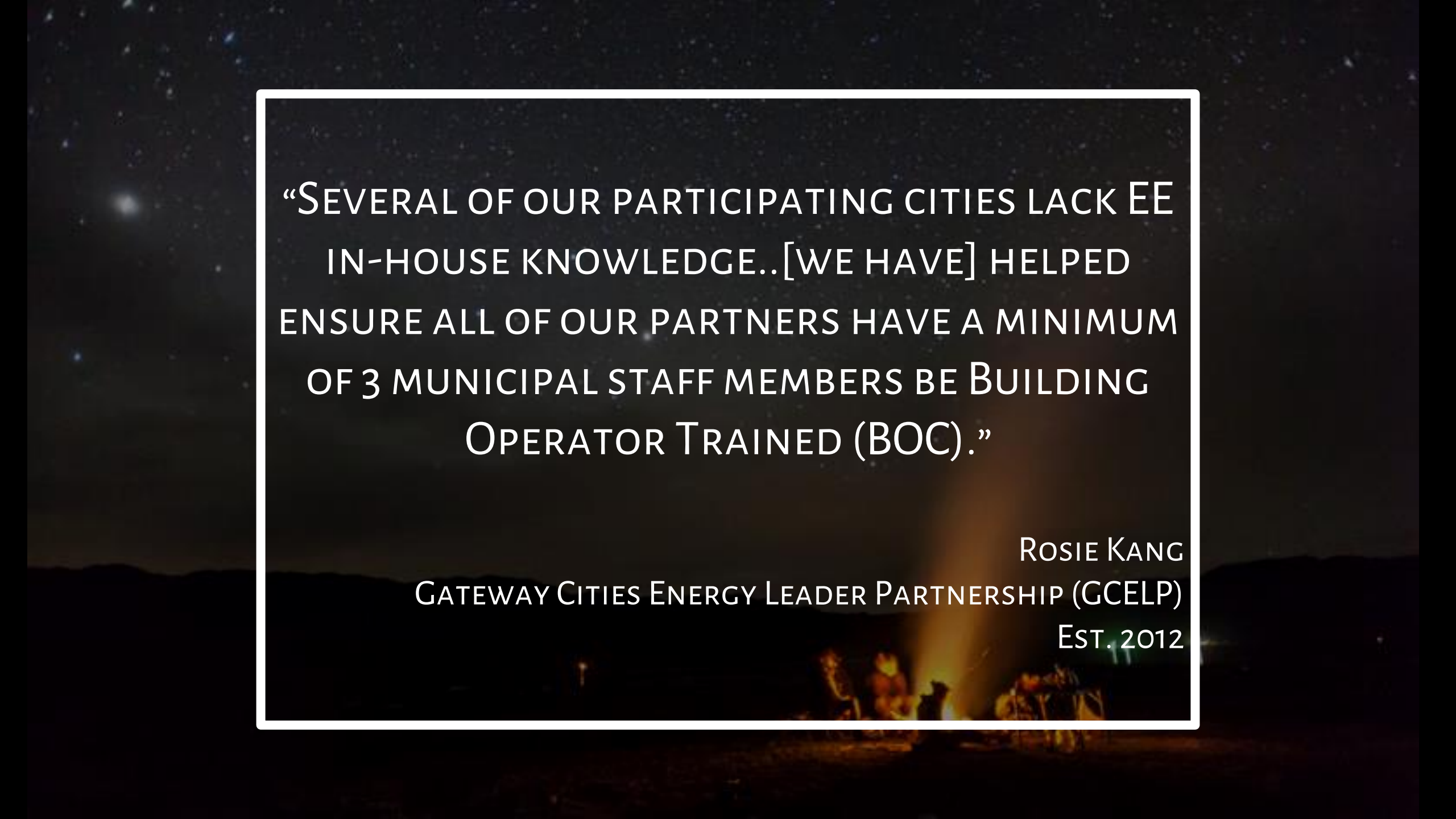
Ventura County Regional Energy Authority (VCREA) - Earth Day



Sierra Business Council - Climate Action Forum



San Francisco Energy Watch



“SEVERAL OF OUR PARTICIPATING CITIES LACK EE
IN-HOUSE KNOWLEDGE..[WE HAVE] HELPED
ENSURE ALL OF OUR PARTNERS HAVE A MINIMUM
OF 3 MUNICIPAL STAFF MEMBERS BE BUILDING
OPERATOR TRAINED (BOC).”

ROSIE KANG
GATEWAY CITIES ENERGY LEADER PARTNERSHIP (GCELP)
EST. 2012



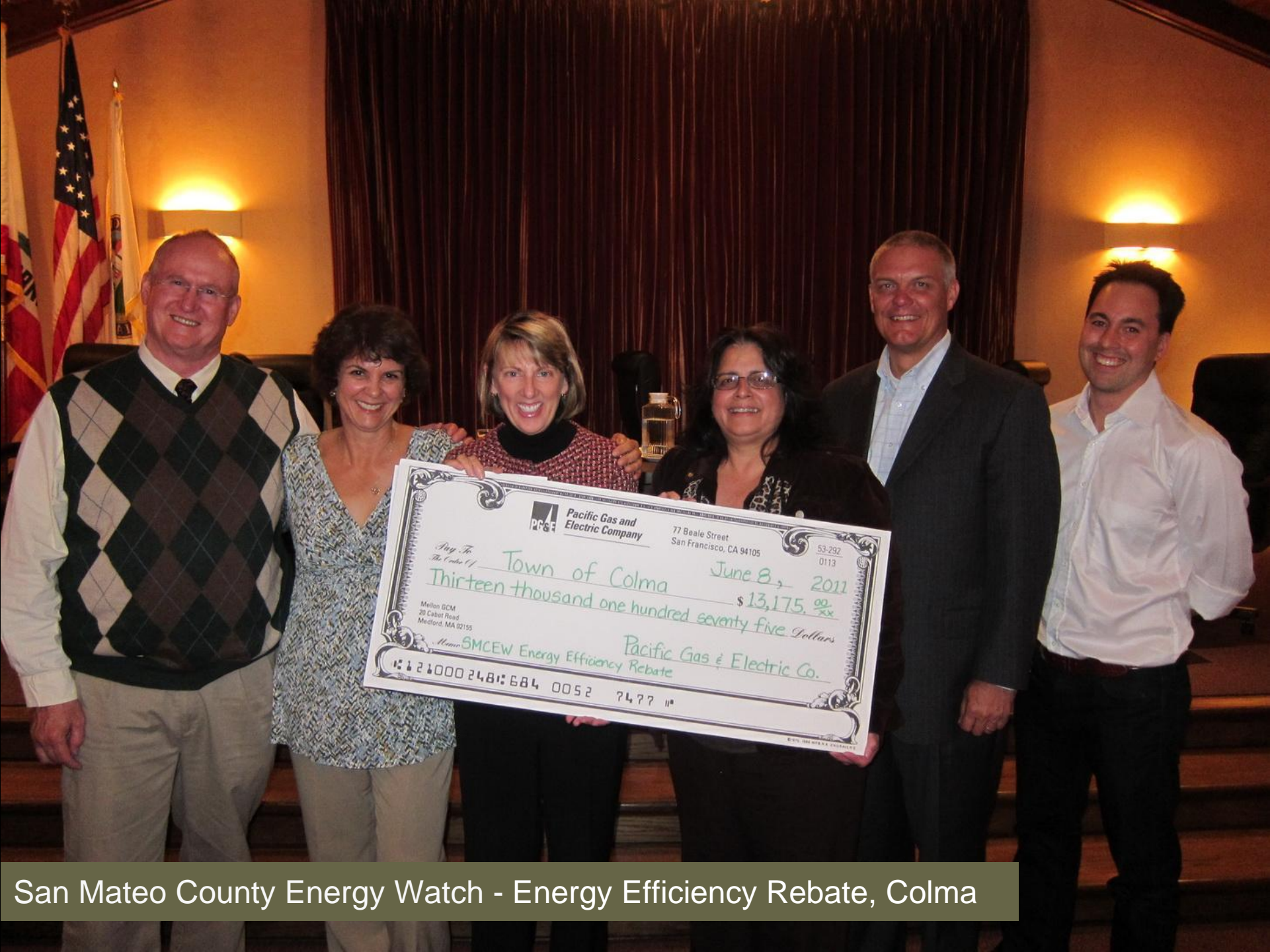
Port of San Diego - Green Business Network




Sierra Business Council - Green Drinks



Ventura County Regional Energy Authority (VCREA) - Simi Valley Green Fair



San Mateo County Energy Watch - Energy Efficiency Rebate, Colma

The background of the image is a photograph of a sunset or sunrise over rolling hills. The sky is a mix of deep teal, orange, and yellow, with soft clouds. The hills in the foreground are dark and silhouetted. A white rectangular frame is centered on the image, containing the main text.

“OUR WORK ON EE OPENED THE DOOR TO
DEVELOP WITH CITY STAFF AND RECEIVE CITY
COUNCIL APPROVAL OF 15 CLIMATE ACTION
PLANS.”

KIM FUENTES
SOUTH BAY PARTNERSHIP



San Joaquin Valley Clean Energy Organization - VIEW the Success



City/County Association of Governments of San Mateo County Beacon Award



City of Chula Vista Outreach



San Mateo County Energy Watch - C/CAG of San Mateo County



Sierra Business Council - Climate Action Forum



City of Chula Vista Outreach



Sierra Business Council - Solar Project



MOST REWARDING LGP EXPERIENCE...

“LEARNING FROM
PARTNERS AND MAKING
LASTING FRIENDSHIPS.”

SUSAN FREED
CoSD/SDG&E LGP
EST. 2006

Brea

Marketing, Education, & Outreach

- CEP Booths at Brea Public Works Days
- Co-branded Kiosk with Utility Core Program materials
- Cool Planet Award & Presentation to City Council
- CEP Booth at Brea Chamber of Commerce Mega Mixer & Business to Business Expo with *Efficiency First!* Toolkit

Added a total annual savings of:
2,128,220 kWh and 144 kW
\$316,656 in energy bill savings
929 tons of GHGs mitigated



City accepts Cool Planet Award

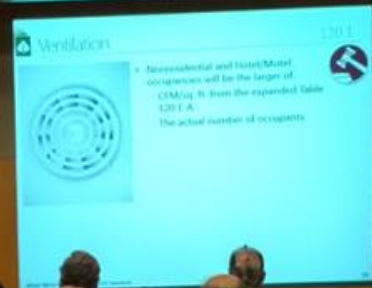
Installed Municipal Projects

- Street Lighting Induction Lamp Replacement: 1,172,657 kWh
- Chevron Lighting & Controls Projects: 714,933 kWh, 132.6 kW
- Plug Load Occupancy Sensor Projects: 33,108 kWh, 11.7 kW

Strategic Planning

- Hosted Title 24 Code Compliance workshops
- Passed Energy Action Plan with City Council
- Is pursuing EEMS Utility Manager Software

Community Energy Partnership, City of Brea, 2013



South Bay Cities Council of Governments hosts SCE Title 24 Class



Valley Innovative Energy Watch (VIEW) - Porterville Achieves Gold ELP Tier



Sierra Business Council - Truckee Thursday



Port of San Diego - Green Business Network Awards

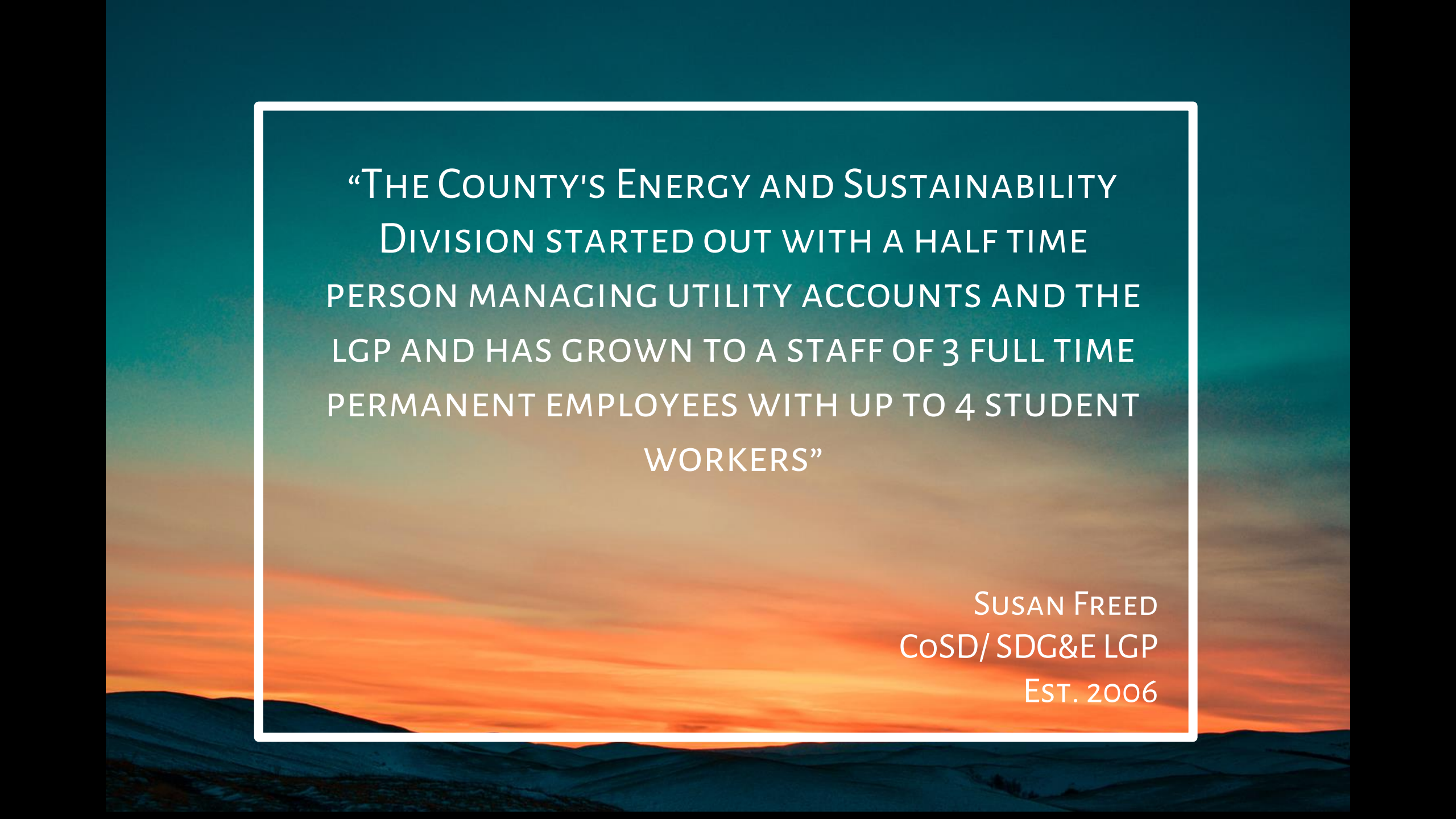


CEP Santa Monica Energy Walk, 2015



City of La Palma Event

NoCC
ENERGY PARTNERSHIP



“THE COUNTY'S ENERGY AND SUSTAINABILITY
DIVISION STARTED OUT WITH A HALF TIME
PERSON MANAGING UTILITY ACCOUNTS AND THE
LGP AND HAS GROWN TO A STAFF OF 3 FULL TIME
PERMANENT EMPLOYEES WITH UP TO 4 STUDENT
WORKERS”

SUSAN FREED
CoSD/ SDG&E LGP
EST. 2006



South Bay Cities Council of Governments



City of Chula Vista



SBCCOG Inglewood Lomita Award



NOCC Partnership - La Habra Earth Day



CEP Santa Monica Meeting, 2015



Coachella Valley Association of Governments - Sustainability Education in Palm Desert

A campfire is burning brightly in the foreground, casting a warm glow. In the background, dark silhouettes of mountains are visible against a deep purple and blue twilight sky. The entire scene is framed by a white border.

MOST REWARDING LCP EXPERIENCE...

“MEETING AND WORKING WITH CITIES
TO HELP THEM ACHIEVE THEIR UNIQUE
GOALS THROUGH COLLABORATION
WITH OUR UTILITY PARTNERS.”


KIM FUENTES
SOUTH BAY PARTNERSHIP



South Bay Cities Council of Governments



Valley Innovative Energy Watch (VIEW) - Tulare County



“WE KNOW OUR STAKEHOLDERS AND THEY
KNOW US, IT’S REALLY AN ONGOING AND
EXPANDING ENDEAVOR.”

KIM SPRINGER
SAN MATEO COUNTY ENERGY WATCH
EST. 2008



Port of San Diego - EE Lighting on USS Midway



San Joaquin Valley Clean Energy Organization - VIEW the Success



West Side Partnership, Culver City Fiesta La Ballona



San Joaquin Valley Clean Energy Organization - VIEW the Success



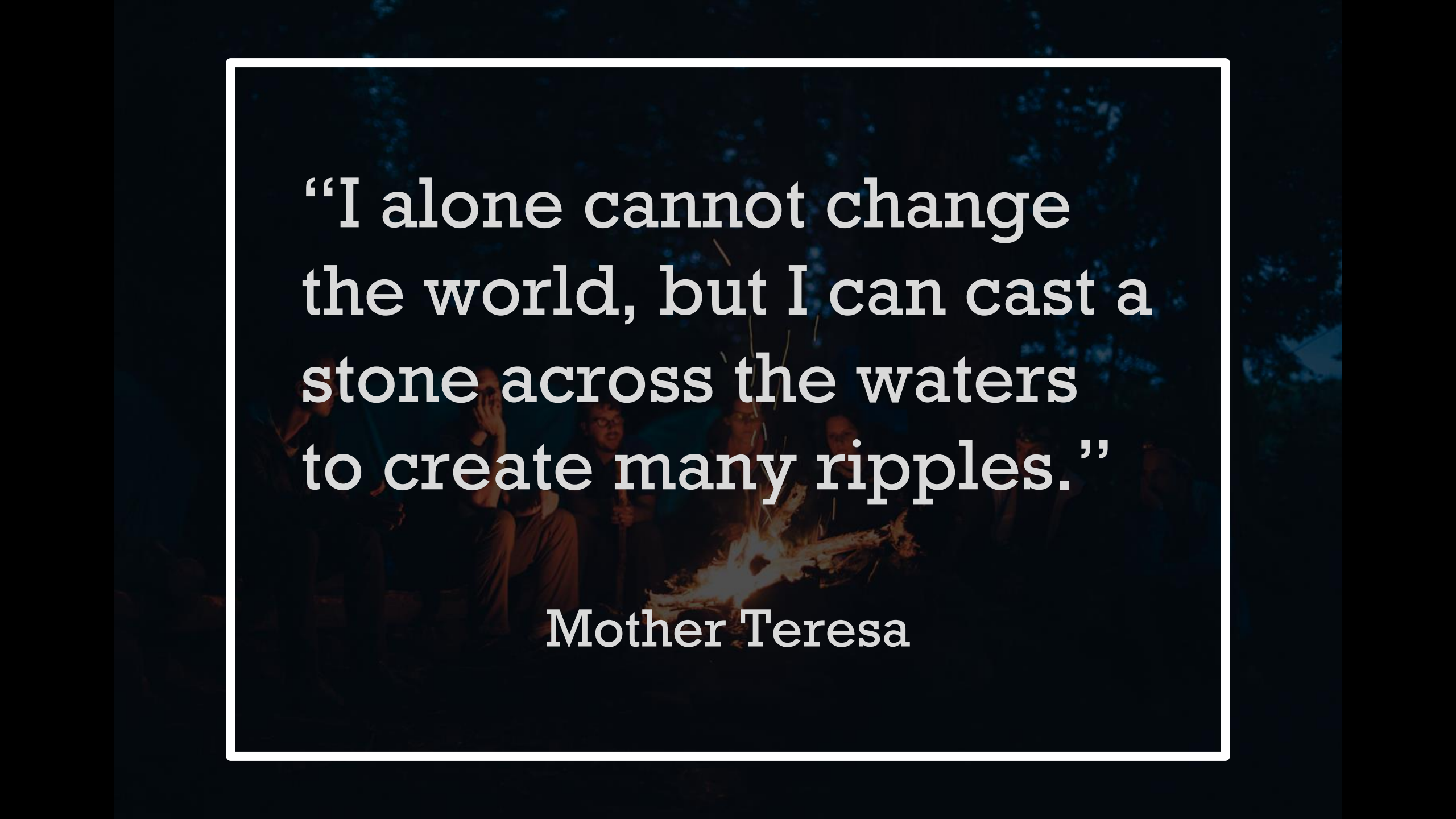
Sierra Business Council - FBH Tour



port of san diego | **climate action plan**
2013

Port of San Diego



A group of people are sitting around a campfire at night. The fire is bright and glowing, illuminating the scene. The people are silhouetted against the dark background, and their faces are partially lit by the fire. The background shows some trees and foliage. The overall mood is peaceful and communal.

“I alone cannot change
the world, but I can cast a
stone across the waters
to create many ripples.”

Mother Teresa



South Bay Cities Council of Governments



Westside Energy Partnership - Culver City Council Presentation, 2014



City of Chula Vista

Irvine's Municipal Savings

Compared to 2006, Irvine has completed
energy efficiency projects that have resulted in
estimated total annual savings of:

\$7,569 in electricity bills

128 kWh of electricity

46 therms of gas

tons of greenhouse gas

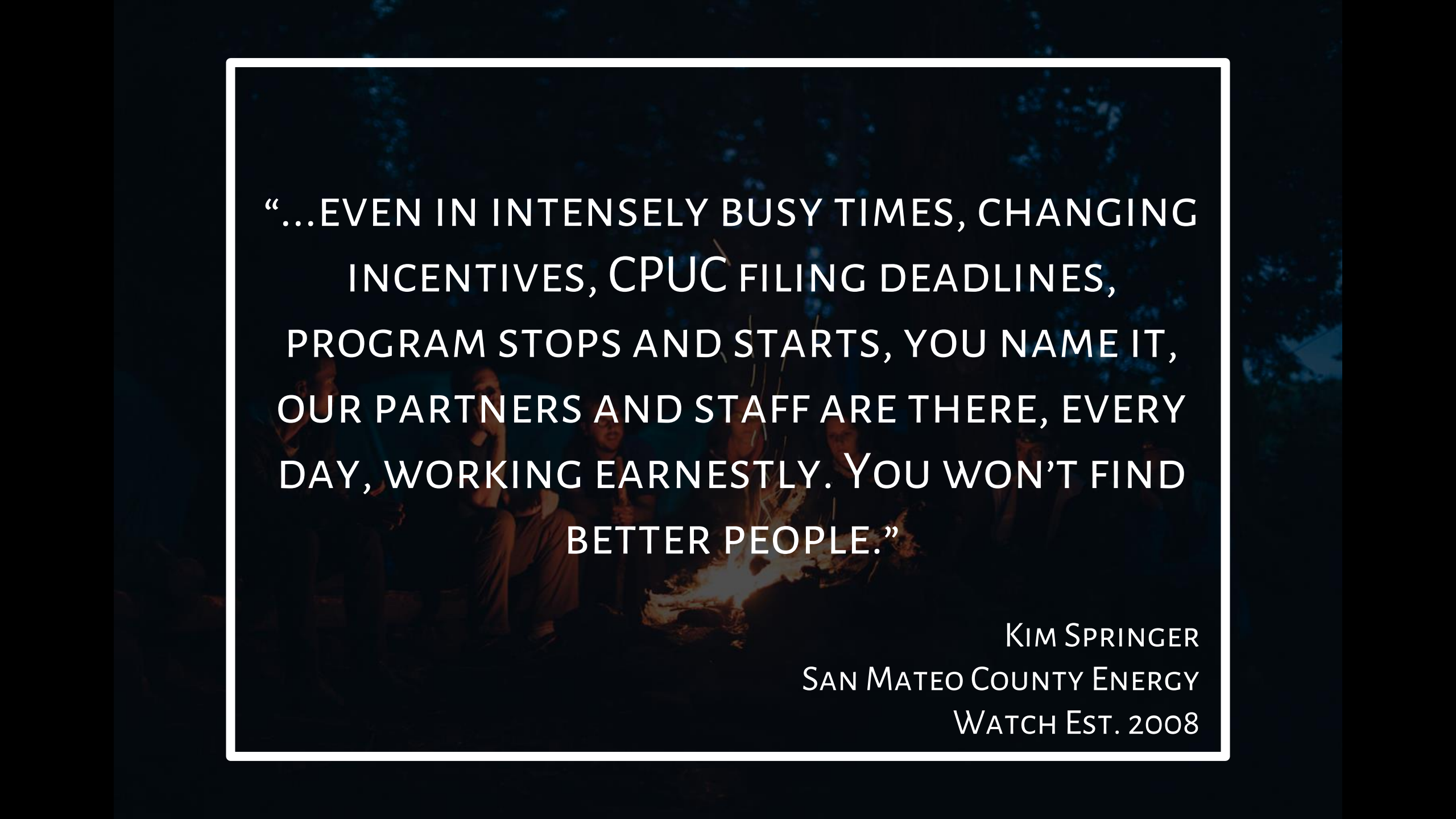
annual greenhouse gas emissions from 78 passenger cars

Sources: SCE and US EPA calculator





Community Energy Partnership - Santa Clarita Gold Tier Council Presentation

A group of people are sitting around a campfire at night. The fire is bright and glowing, illuminating the scene. The people are silhouetted against the dark background, and their faces are partially lit by the fire. The background shows some trees and foliage.

“...EVEN IN INTENSELY BUSY TIMES, CHANGING
INCENTIVES, CPUC FILING DEADLINES,
PROGRAM STOPS AND STARTS, YOU NAME IT,
OUR PARTNERS AND STAFF ARE THERE, EVERY
DAY, WORKING EARNESTLY. YOU WON’T FIND
BETTER PEOPLE.”

KIM SPRINGER
SAN MATEO COUNTY ENERGY
WATCH EST. 2008



Coachella Valley Association of Governments - DHS Open house



County of San Diego **ZERO NET ENERGY** Portfolio Plan

The Department of General Services (DGS) of County of San Diego, California • October 2017

What is Zero Net Energy?

Zero Net Energy (ZNE) describes a building that replaces the energy it buys from the utility company with an equal amount of renewable energy it creates.

Modern construction techniques, smart monitoring systems, and equipment like solar panels allow a structure to generate as much energy as it uses over the course of a year.



The terms Zero Net Energy, Net Zero Energy, and Zero Energy are essentially the same.

A Plan for Zero Net Energy (ZNE)

The State of California has an ambitious goal to reduce by half the overall energy consumption of its existing commercial buildings by the year 2030. The County of San Diego believes it can accomplish this objective for its facilities with improved efficiency and renewable energy, with some sites going all the way to ZNE.

By deploying the plan in prioritized stages, the County can reach its ZNE target with a minimal budget impact. Over ten years, an annual savings of \$1 million yields \$10 million in total savings. These energy improvements lead to a reduction in expenses, resulting in accrued savings that the County could use to implement additional reductions.

Various endeavors across the state have made progress toward realizing zero net energy with new technologies and promising pilot projects, but few have truly attained that ideal level. The County is a pioneer in this area by developing a comprehensive ZNE plan for its wide portfolio of buildings.

The ZNE Portfolio Plan helps our environment and saves money

In addition to a positive environmental impact, reaching this goal will result in significant savings for San Diego County taxpayers. This display of decisive leadership may also encourage similar efforts in local government agencies and private businesses.



<http://www.sandiegocounty.gov>



Coachella Valley Association of Governments Rancho Mirage Energy Star Award Ceremony



Community Energy Partnership, Brea Platinum ELP, 2013



Community Energy Partnership, Santa Clarita River Rally, 2013



City of Chula Vista



Coachella Valley Association of Governments - Palm Desert Fire Station Energy Audit



City of Chula Vista



NOCC Energy Partnership - City of Placentia EE Workshop



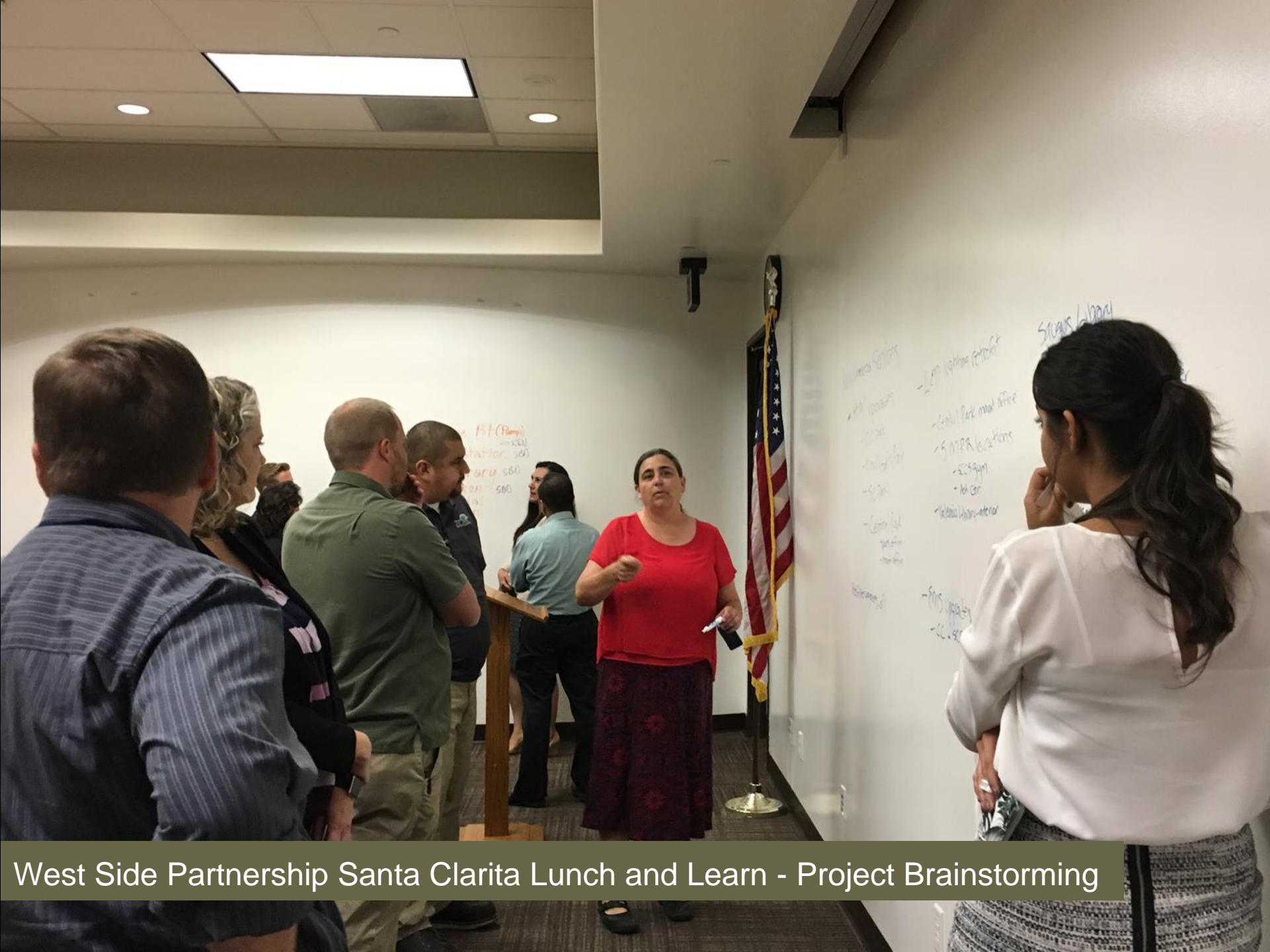
Community Energy Partnership - Irvine Global Village



West Side Partnership, Culver City Platinum Tier Council Presentation



Ventura County Regional Energy Authority (VCREA) -Title 24 Workshop



West Side Partnership Santa Clarita Lunch and Learn - Project Brainstorming



SBCCOG Carson Energy Leader Achieves Platinum



Energy Goals

Developing Energy Champions at the Port of San Diego

Final Report

Port of San Diego



South Bay Cities Council of Governments



Santa Monica Platinum Tier ELP Council Presentation



West Side Partnership, West Hollywood, National Night Out



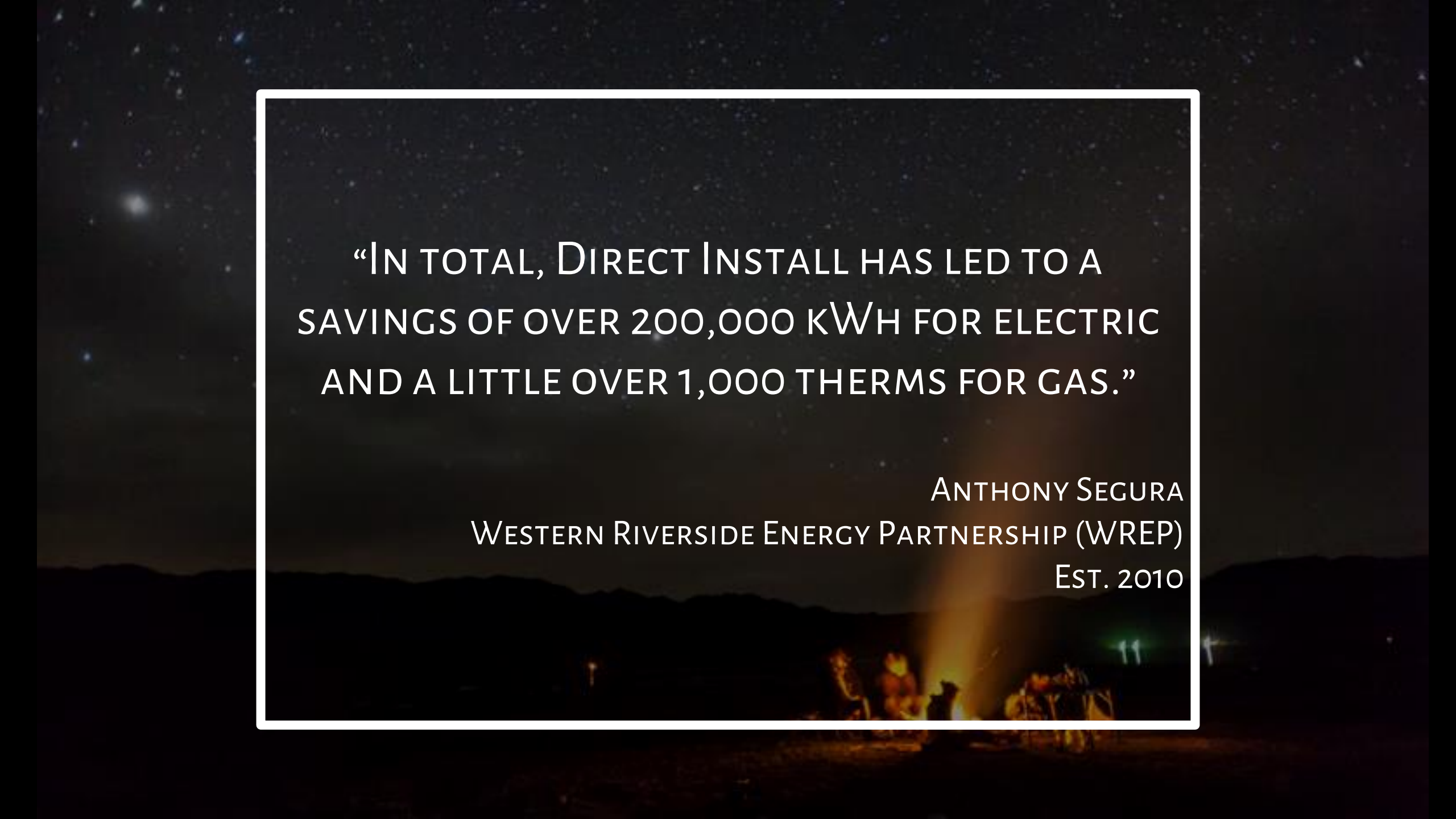
Community Energy Partnership - San Bernardino's EE Demo Project



WREP - City of Hemet Holiday Light Exchange

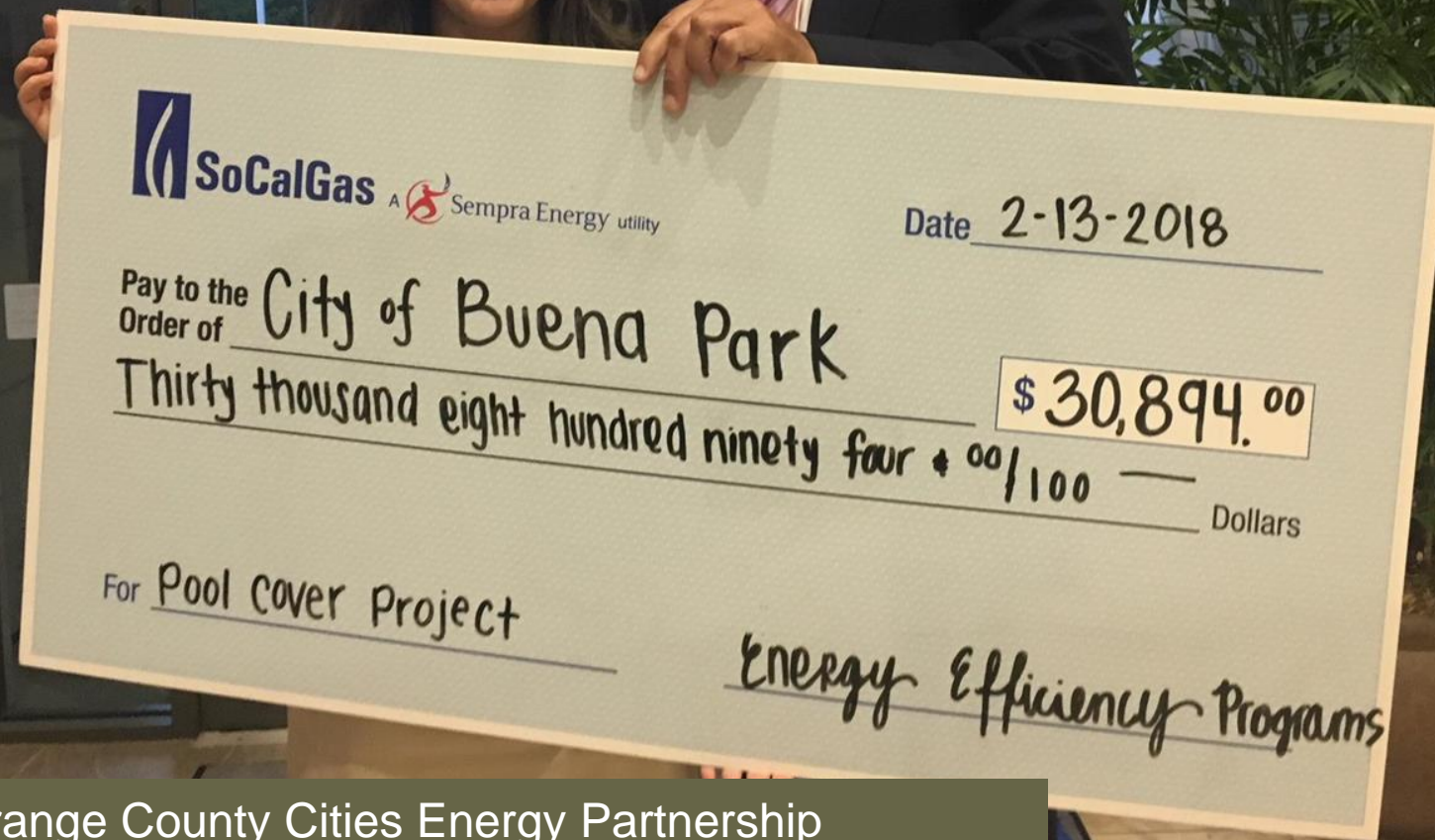


City of Chula Vista

The background of the slide is a dark night sky filled with stars. In the lower portion, there is a silhouette of a landscape with a bright, warm light source, likely a campfire, illuminating the scene. The text is overlaid on this background.

“IN TOTAL, DIRECT INSTALL HAS LED TO A
SAVINGS OF OVER 200,000 KWH FOR ELECTRIC
AND A LITTLE OVER 1,000 THERMS FOR GAS.”

ANTHONY SEGURA
WESTERN RIVERSIDE ENERGY PARTNERSHIP (WREP)
EST. 2010



North Orange County Cities Energy Partnership

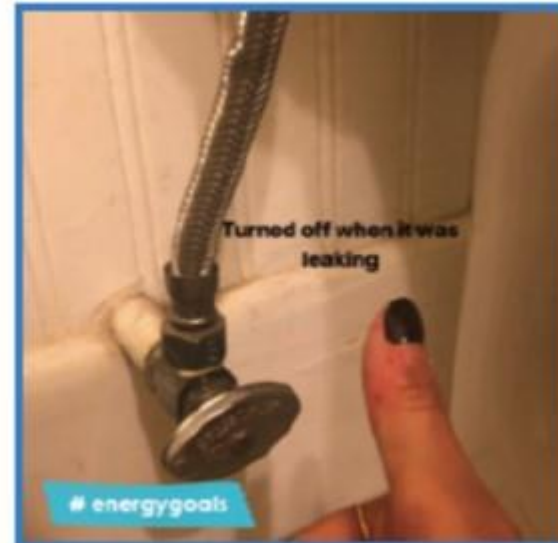


REGIONAL CLIMATE ACTION PLANNING FRAMEWORK





Community Energy Partnership





Irvine 10 for 10 Awards Lunch, 2013



SBCCOG Rolling Hills Energy Leader Achieves Gold



CEP, Santa Clarita River Rally



COMMUNITY
ENERGY
PARTNERSHIP

A group of people are sitting around a campfire at night. The fire is bright and glowing, illuminating the scene. The people are silhouetted against the dark background, and their faces are partially lit by the fire. The background shows some trees and foliage.

MOST REWARDING LCP EXPERIENCE...

“WORKING WITH SUCH DIVERSE
STAKEHOLDERS, INCLUDING CITY AND
SPECIAL DISTRICT STAFF, COMMUNITY
BASED ORGANIZATIONS, COMMUNITY
MEMBERS, AND INDUSTRY
EXPERTS/PRACTITIONERS”

HEATHER ALLEN
VENTURA COUNTY REGIONAL ENERGY ALLIANCE
EST. 2010



Port of San Diego - EE Lighting on USS Midway



Santa Monica SP Lunch n Learn, 2014



CEP Team Leaders Meeting, 2015



City of Chula Vista- Georgetown University Energy Prize



City of Chula Vista

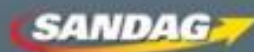
City of Carlsbad Energy Roadmap

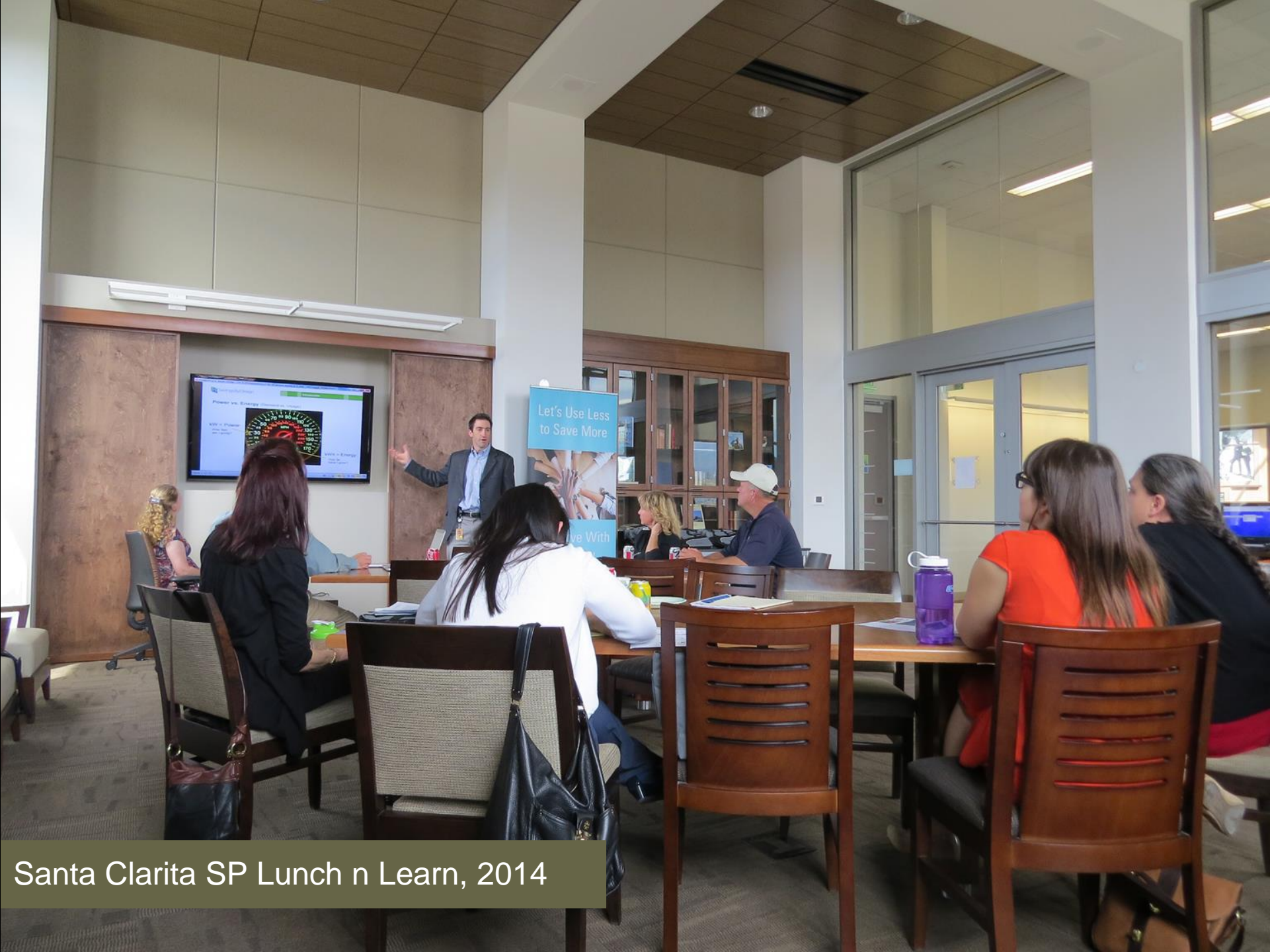


Prepared through the SANDAG
Energy Roadmap Program

October 2014

This Program is a collaboration between SANDAG and San Diego Gas & Electric®





Santa Clarita SP Lunch n Learn, 2014

Lesson Activity

San Diego's Energy Mix

San Diego Gas and Electric (SDG&E), a public utility company, provides electricity to 3.6 million people across San Diego County and southern Orange County. Its parent company is Sempra Energy, which also owns Southern California Gas Co. The Port and SDG&E have a five year Local

Government Partnership that provides the implement energy efficiency education and campaign!

SDG&E is ahead of the state of California huge feat! The San Diego power mix uses reach its 45% renewable power source mix gas.¹

Energy Sources

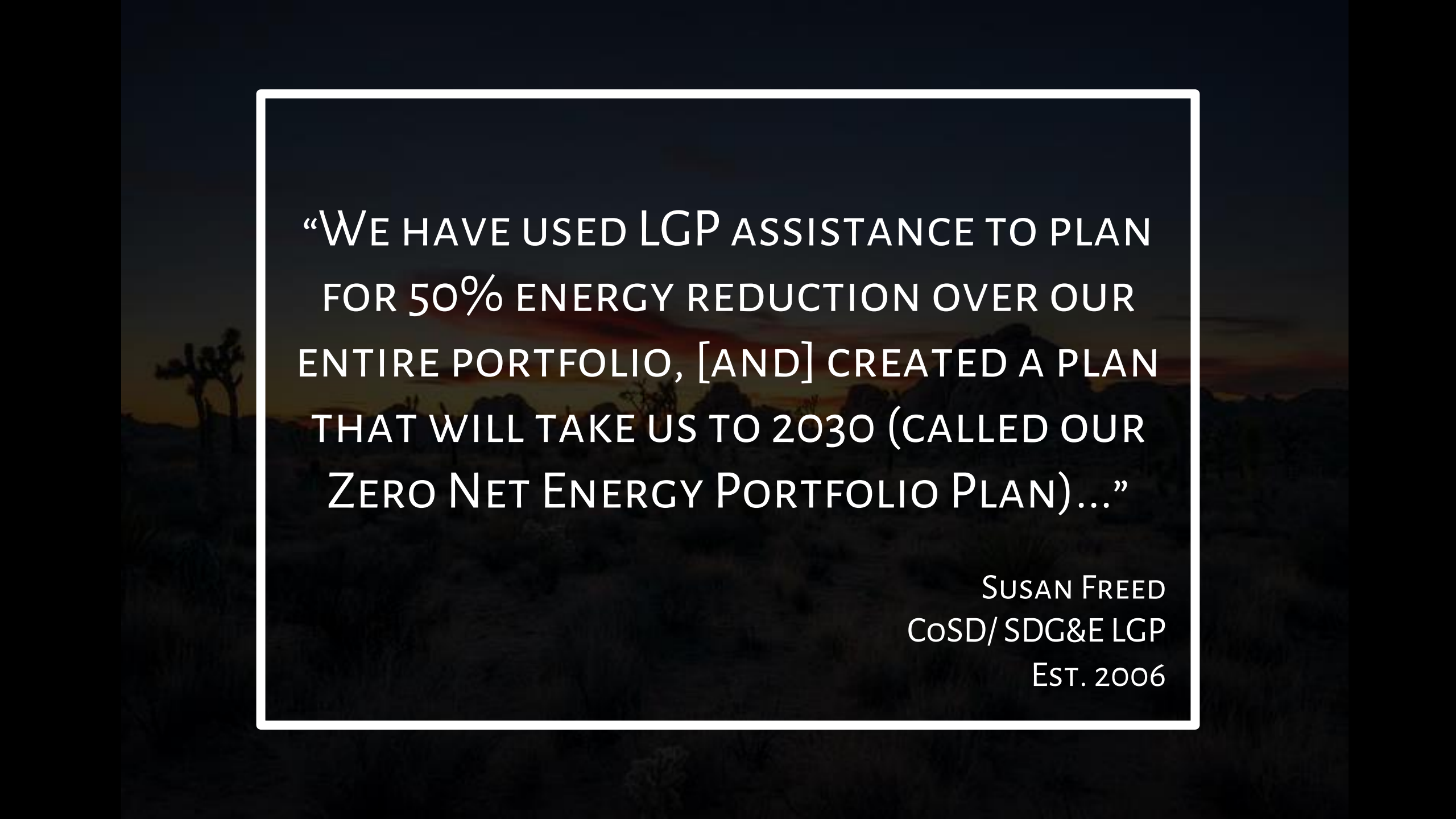
Energy is everywhere – it's in each step we take, phone call we make, and every glass of water we drink – and these different forms of energy are continually powering our busy lives each day. Where does all of the energy we use at home, at work, and while we're out and about in our communities come from anyway? What are the advantages and impacts of harnessing different types of energy resources and what does all of this mean for us as individuals? In Energy Goals, we'll learn how energy is harnessed to power our world and what we can do to conserve energy to create a more sustainable planet. Let's take a deeper dive!



many different
mon example of
here in San
ates light and
fuel using solar
n other fuel
d from natural
ate electricity.



Port of San Diego - Energy Goals



“WE HAVE USED LGP ASSISTANCE TO PLAN
FOR 50% ENERGY REDUCTION OVER OUR
ENTIRE PORTFOLIO, [AND] CREATED A PLAN
THAT WILL TAKE US TO 2030 (CALLED OUR
ZERO NET ENERGY PORTFOLIO PLAN)...”

SUSAN FREED
CoSD/ SDG&E LGP
EST. 2006



NOCC Energy Partnership, City of Brea, National Night Out



City of Chula Vista - Empower Hour



Port of San Diego - Energy Goals



CEP Team Leaders Meeting, 2013



WREP - City of Perris Event



Western Riverside ELP, City of Calimesa



Port of San Diego - EE Catalyst for Sustainability



City of Chula Vista Outreach



“PARTNERSHIP STAFF WERE ABLE TO
DISTRIBUTE OVER 400 LED LIGHTS TO
RESIDENTS IN WESTERN RIVERSIDE COUNTY AT
5 HOLIDAY THEMED EVENTS BRINGING NOT
JUST JOY, BUT ALSO ENERGY EFFICIENCY LIGHTS
DURING THE HOLIDAY SEASON!”

ANTHONY SEGURA
WESTERN RIVERSIDE ENERGY PARTNERSHIP (WREP)
EST. 2010



Port of San Diego - Sustainability Fair



CEP Team Leaders Meeting, 2015



WREP - City of Temecula Platinum Presentation

City of
ENCINITAS

Final
CLIMATE ACTION PLAN
JANUARY 2018

City of Encinitas



Brea Cool Planet Awards, 2012




WREP - City of Hemet Cool Planet Award



Port of San Diego - Green Team



Port of San Diego - Green Business Network

The background of the image is a photograph of a sunset or sunrise over rolling hills. The sky is a mix of deep teal, orange, and yellow, with soft clouds. The hills in the foreground are dark and silhouetted. A white rectangular frame is centered on the image, containing the text.

“THERE IS NO POWER FOR
CHANGE GREATER THAN A
COMMUNITY DISCOVERING
WHAT IT CARES ABOUT.”

MARGARET J. WHEATLEY