

The Energy Network Technical Report

**E-Contractor Academy
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TECHNICAL REPORT



February 2015

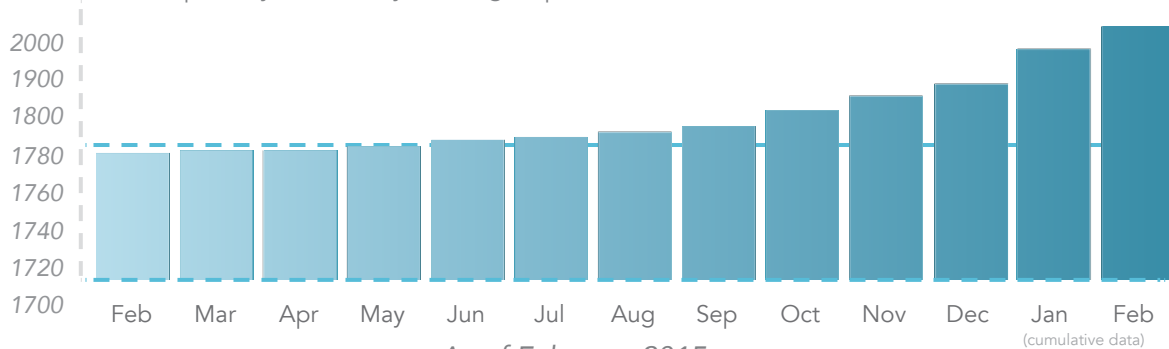
Southern California Regional Energy Network Monthly Program Metrics

RESIDENTIAL

Home Upgrade and Flex Path

Home Upgrade is a single family incentive program for homeowners performing energy efficiency retrofits on their homes. Homeowners can earn up to \$3,000 based on the points they earn through the project measures installed using an Energy Upgrade California™ Participating Contractor. The program is open to homeowners of single-family, detached homes in Los Angeles County who are customers of both Southern California Edison (SCE) and Southern California Gas Company (SoCalGas®). Incentives paid to date is \$396,100.

During the previous Energy Upgrade in LA County program funded through ARRA, 1,698 homes participated in Home Upgrade, 1,111 participated in an Advanced Path Upgrade and 20 participated in Basic Path which amounted to \$5,124,954.23 in incentives paid by LA County. (through April 2013).

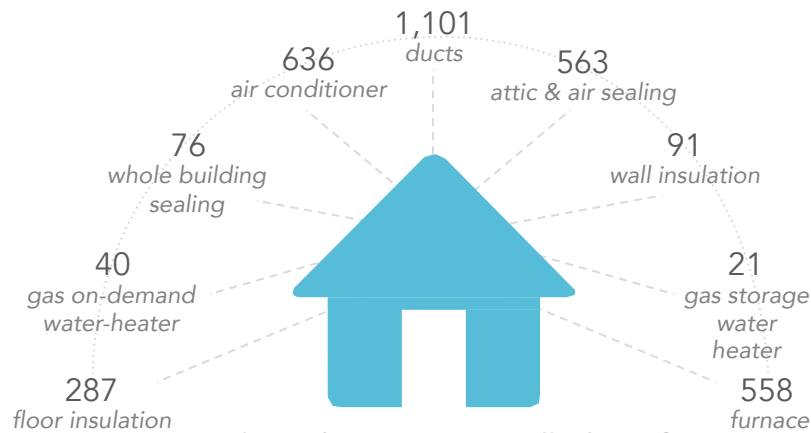


As of February 2015

1,922

Active & Completed Projects

* may include multiple measures



selected measures installed as of February 2015



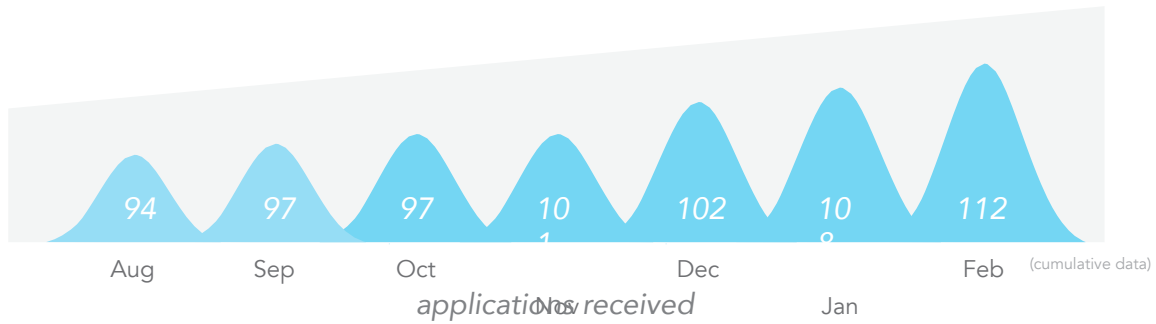
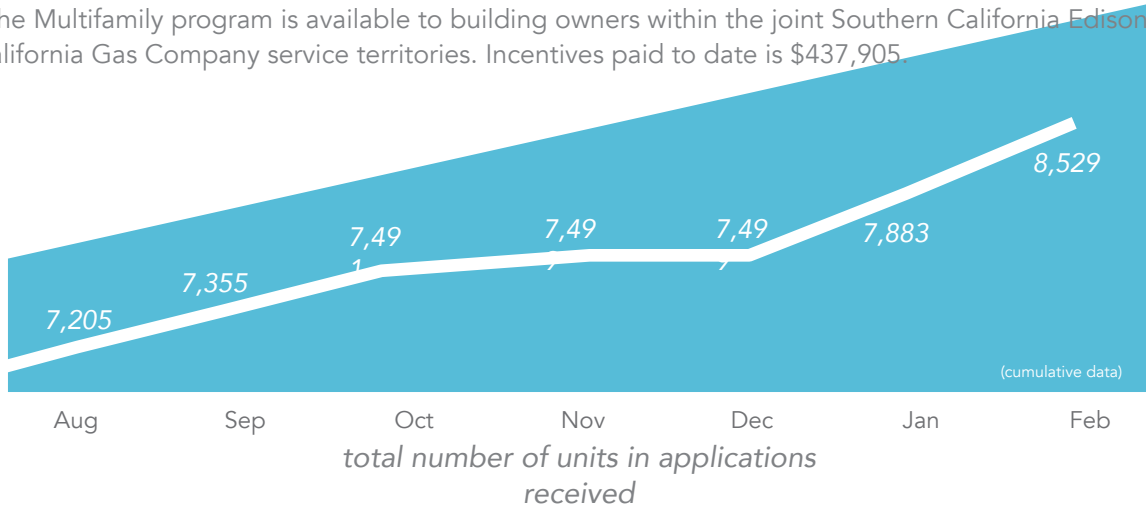
Multifamily

The Multifamily program leverages the success of the Multifamily program designed and implemented under the Recovery Act. Each program encourages multifamily building owners to install comprehensive energy efficient retrofit measures.

Owners are paid after they complete an assessment, once construction finishes, and the retrofits are verified. In the current program, the assessment incentive for buildings with less than 50 units is \$5,000. For buildings with 50 units or more, the assessment incentive is \$10,000. Incentives are tiered and a building owner can earn up to \$1,200 per unit.

Under the Recovery Act, the Multifamily program incentivized 16 buildings with 720 combined units. Total incentives were

\$530,360. The Multifamily program is available to building owners within the joint Southern California Edison/Southern California Gas Company service territories. Incentives paid to date is \$437,905.



Contractor and Realtor Outreach

Eligible marketing projects promote both Participating Contractors and, by using the program logo and brand, the program itself. Participating Contractors who work with homeowners within the SoCalREN territory are eligible to receive matching fund incentives of up to \$5,000.

During the previous contractor Co-op Marketing program funded through ARRA, \$298,187 in incentives were distributed. Incentives paid to date is \$749,402 since the program's inception under the Recovery Act.

361

current co-op marketing projects

56

total number of co-op marketing participants

516

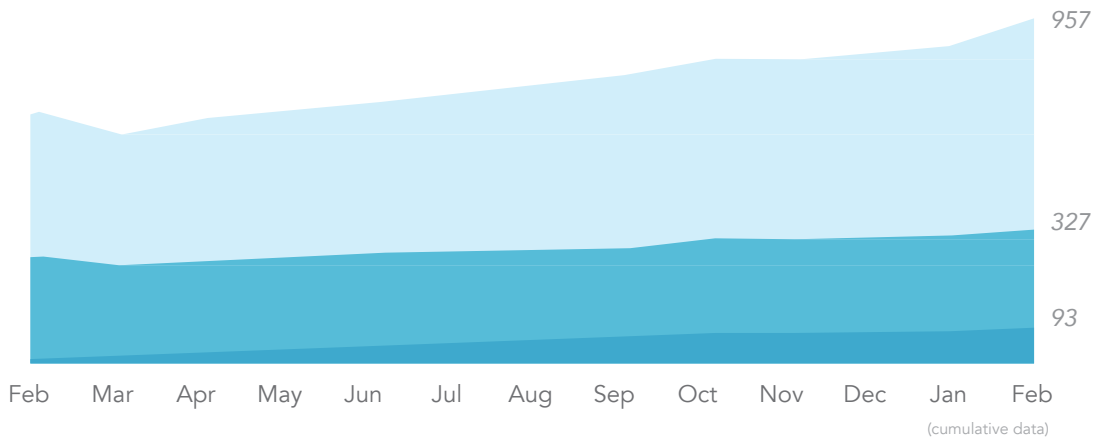
trained and certified real estate professionals



Residential Loan Loss Reserve

The single family financing program provides credit enhancements for residential loans financing EUC upgrades. The program provides loans between \$2,500 to \$50,000 with rates as low as 4.99% APR and is available to homeowners within the SoCalREN territory.

Including the previous residential loan program funded through ARRA, 390 loans have been funded, totaling \$6,994,589 (through February 2015).



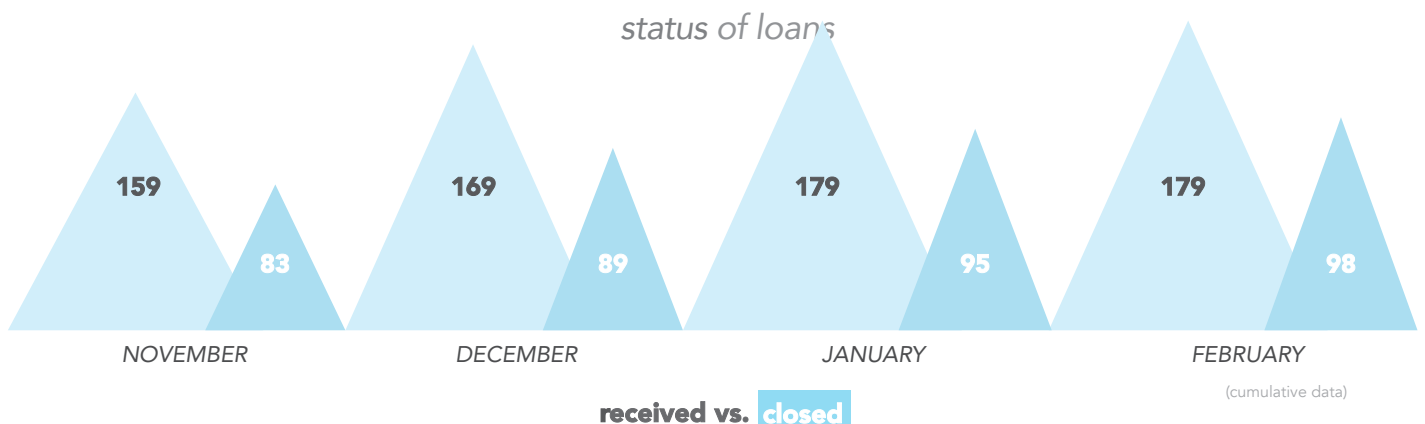
957
applications received

327
loans closed

93
loans paid off

Cool Comfort

Cool Comfort Financing offers eligible homeowners low rate financing on residential Heating, Ventilation and Air Conditioning (HVAC) projects. In collaboration with The Energy Network, Matadors Community Credit Union offers loans ranging from \$2,500 to \$15,000 with rates as low as 4.99% APR. Eligibility requirements include: HVAC project must be completed by a Cool Comfort Financing Participating Contractor; home must be single-family (attached or detached); homeowner and contractor ensure compliance with applicable local permitting requirements associated with the financed work; the property is served by at least one of the following utilities – Southern California Edison, Southern California Gas Company or San Diego Gas and Electric. Properties in the counties of Santa Barbara, Ventura, and San Luis Obispo are not eligible. The home must have a central, forced-air HVAC system and may not be heated by propane fuel.

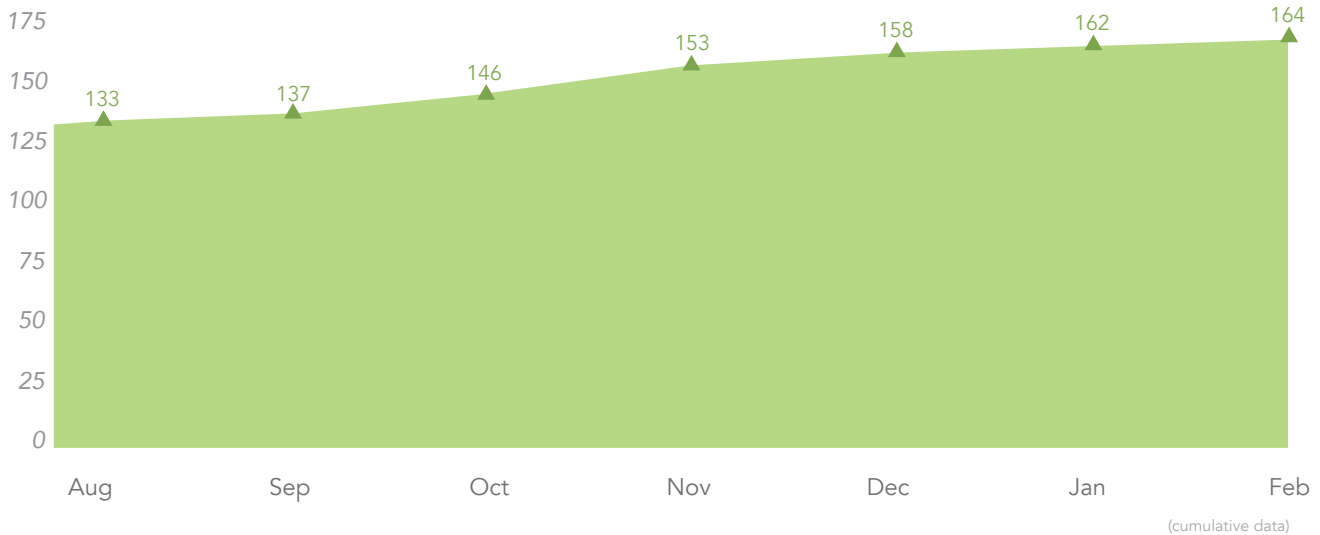


COMMERCIAL

Commercial PACE

Commercial PACE allows L.A. County to issue bonds to private lenders in order to secure funding for energy efficiency upgrades. Non-publicly owned commercial, industrial, or multi-family properties located in cities that have signed on to participate are eligible. Additional requirements apply.

project applications



Amount Funded to Date

\$14,435,000

Projects in the Pipeline

\$51,585,464

popular PACE installations

60%

of projects have included the following installation types



hvac

40%

of projects also have included the following installation types



vertical transportation



controls



renewable energy



water



envelope

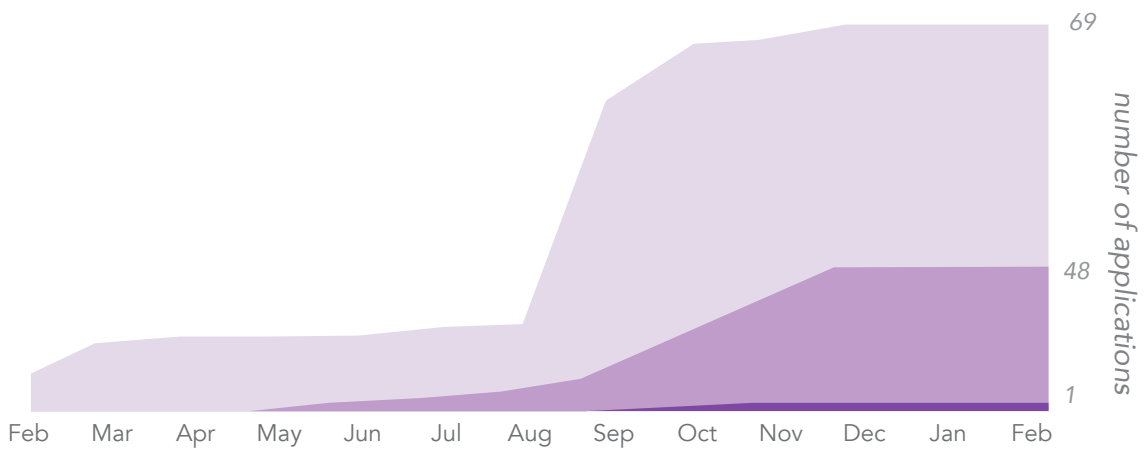


lighting

Financing Marketing and Technical Assistance

The Energy Network intends to increase energy efficiency, water-saving and renewable energy projects that public agencies implement by providing assistance with financing options such as Energy Project Lease Financing, utility On-Bill Financing and the California Energy Commission’s Low Interest Loan Program. The Energy Network offers marketing and outreach support, and technical assistance to qualifying public agencies. Financing-related services include: tools and informational materials, administrative support, technical assistance including financial analysis, financing plans, financing and incentive application assistance, access to Energy Project Lease Financing (a financing product offered exclusively through the Energy Network), and access to a financial advisor.

project applications



\$10,248,592

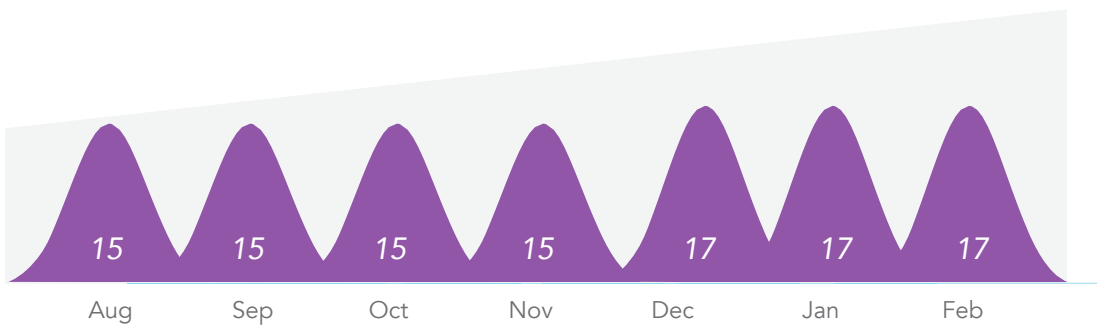
applications submitted
 OBF = **\$8,119,848**
 ELF = **\$2,128,744**

\$7,725,387

applications approved
 OBF = **\$5,596,643**
 ELF = **\$2,128,744**

\$1,083,000

applications closed
 OBF = **\$0**
 ELF = **\$1,083,000**



project proposals by month

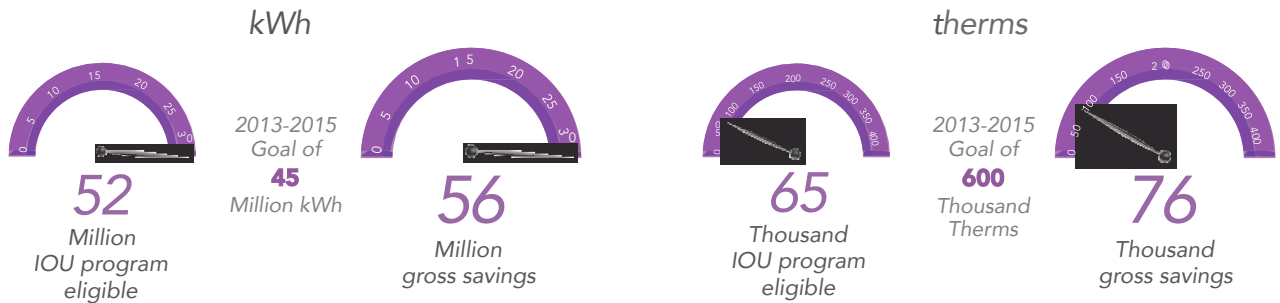


Energy Savings

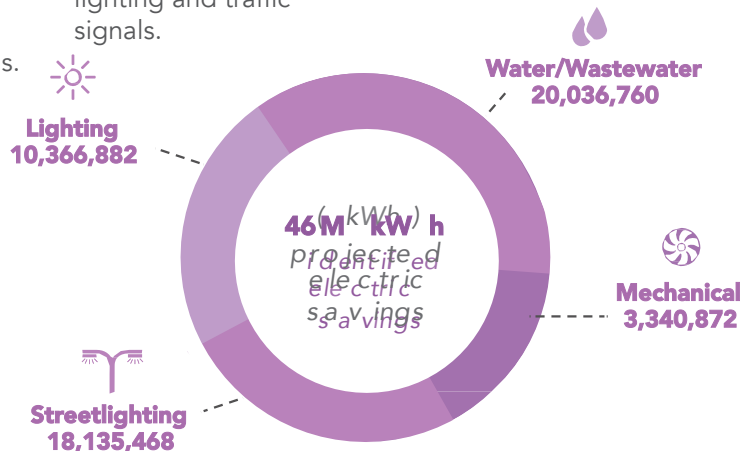
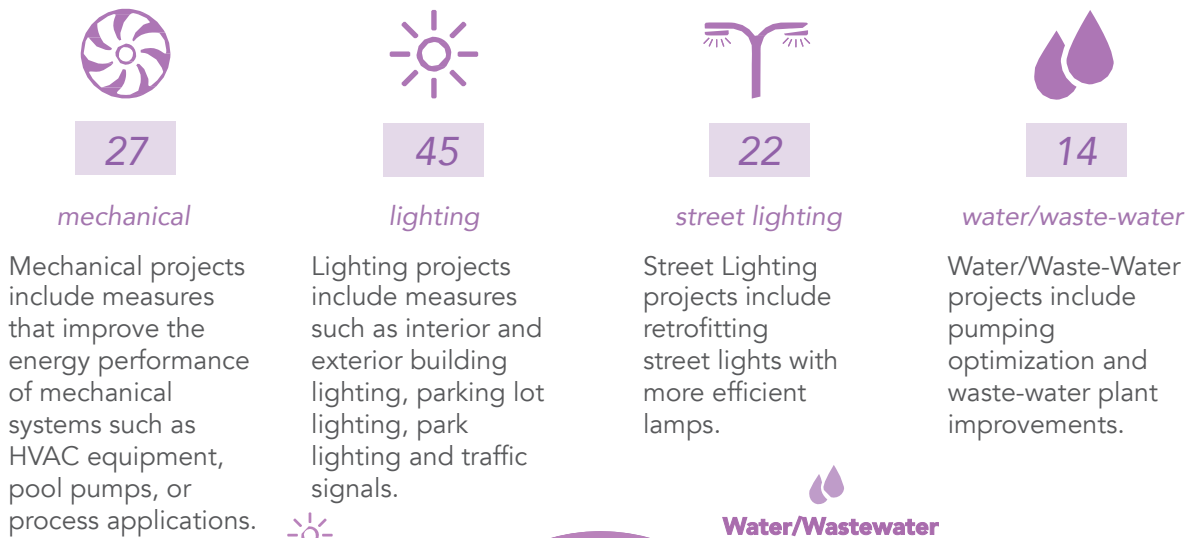
As part of The Energy Network, public agencies have access to a one-stop shop to implement both turnkey and customized energy management strategies and to develop agency expertise and energy management capabilities for sustained long term success.

The innovative Turnkey Project Delivery solution provides public agencies with project management technical services, financing resources, and an expedited construction procurement solution to upgrade their public facilities and infrastructure. The program launched September 2013.

Identified Savings as of February 2015



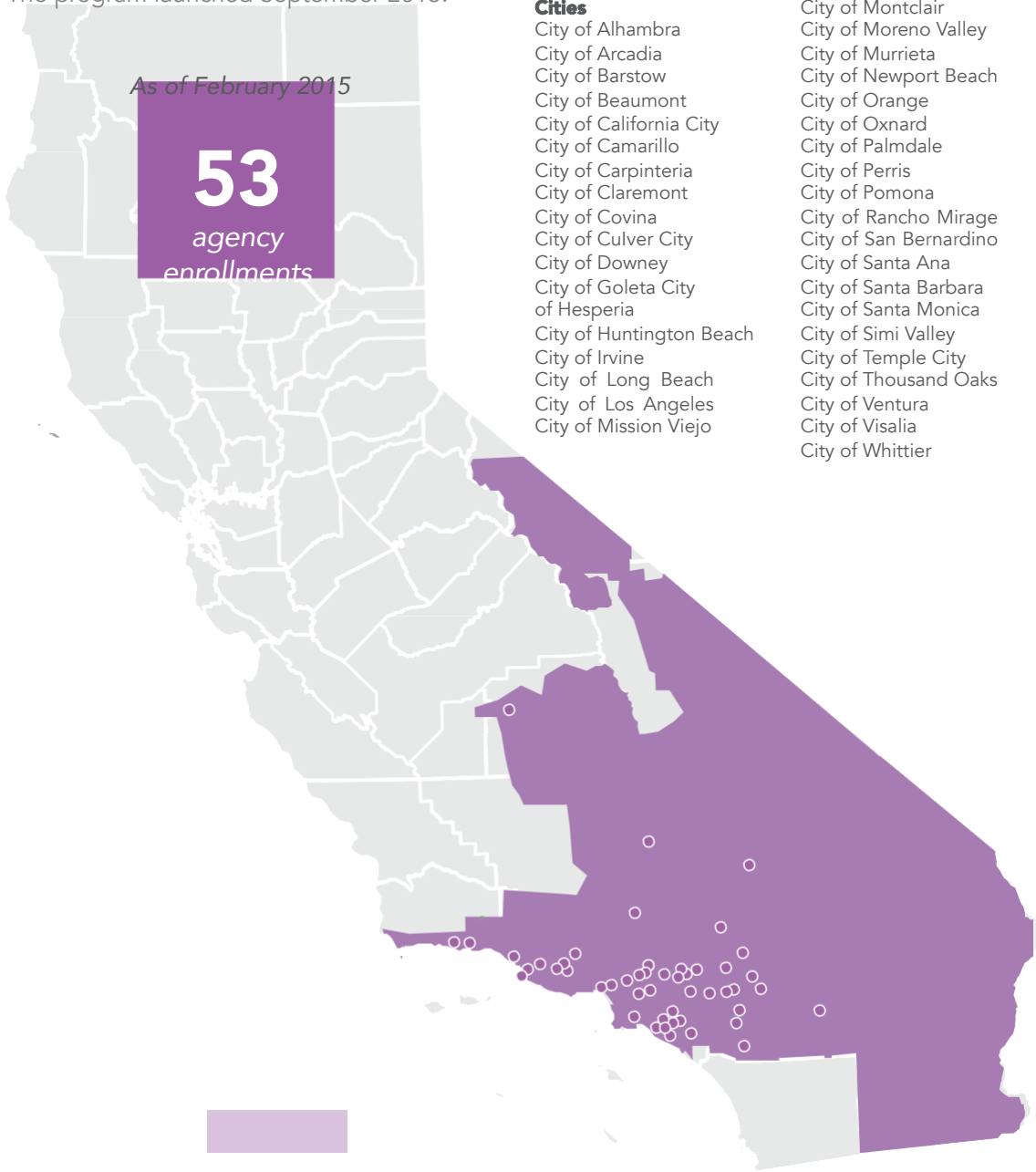
The Energy Network Projects



Agency Engagement

The Energy Network engages public agencies and helps them to take tangible steps that will save energy and help their communities do the same. The Network does this by offering free turnkey and customized solutions to address the common barriers that prevent many public agencies from adopting energy efficiency measures. The first stage of the Turnkey Project Delivery is Enrollment, which involves engagement meetings with agency staff to introduce them to the program services.

The program launched September 2013.



Cities

- City of Alhambra
- City of Arcadia
- City of Barstow
- City of Beaumont
- City of California City
- City of Camarillo
- City of Carpinteria
- City of Claremont
- City of Covina
- City of Culver City
- City of Downey
- City of Goleta City of Hesperia
- City of Huntington Beach
- City of Irvine
- City of Long Beach
- City of Los Angeles
- City of Mission Viejo

City of Montclair

- City of Moreno Valley
- City of Murrieta
- City of Newport Beach
- City of Orange
- City of Oxnard
- City of Palmdale
- City of Perris
- City of Pomona
- City of Rancho Mirage
- City of San Bernardino
- City of Santa Ana
- City of Santa Barbara
- City of Santa Monica
- City of Simi Valley
- City of Temple City
- City of Thousand Oaks
- City of Ventura
- City of Visalia
- City of Whittier

Counties

- County of Los Angeles
- County of Orange

Water Agencies

- Cucamonga Valley Water District
- Eastern Municipal Water District
- Inland Empire Utilities District
- Jurupa Community Services District
- Orange County Sanitation District
- Running Springs Water District
- Western Municipal Water District
- Western Riverside County Region
- Yucaipa Valley Water District

School Districts

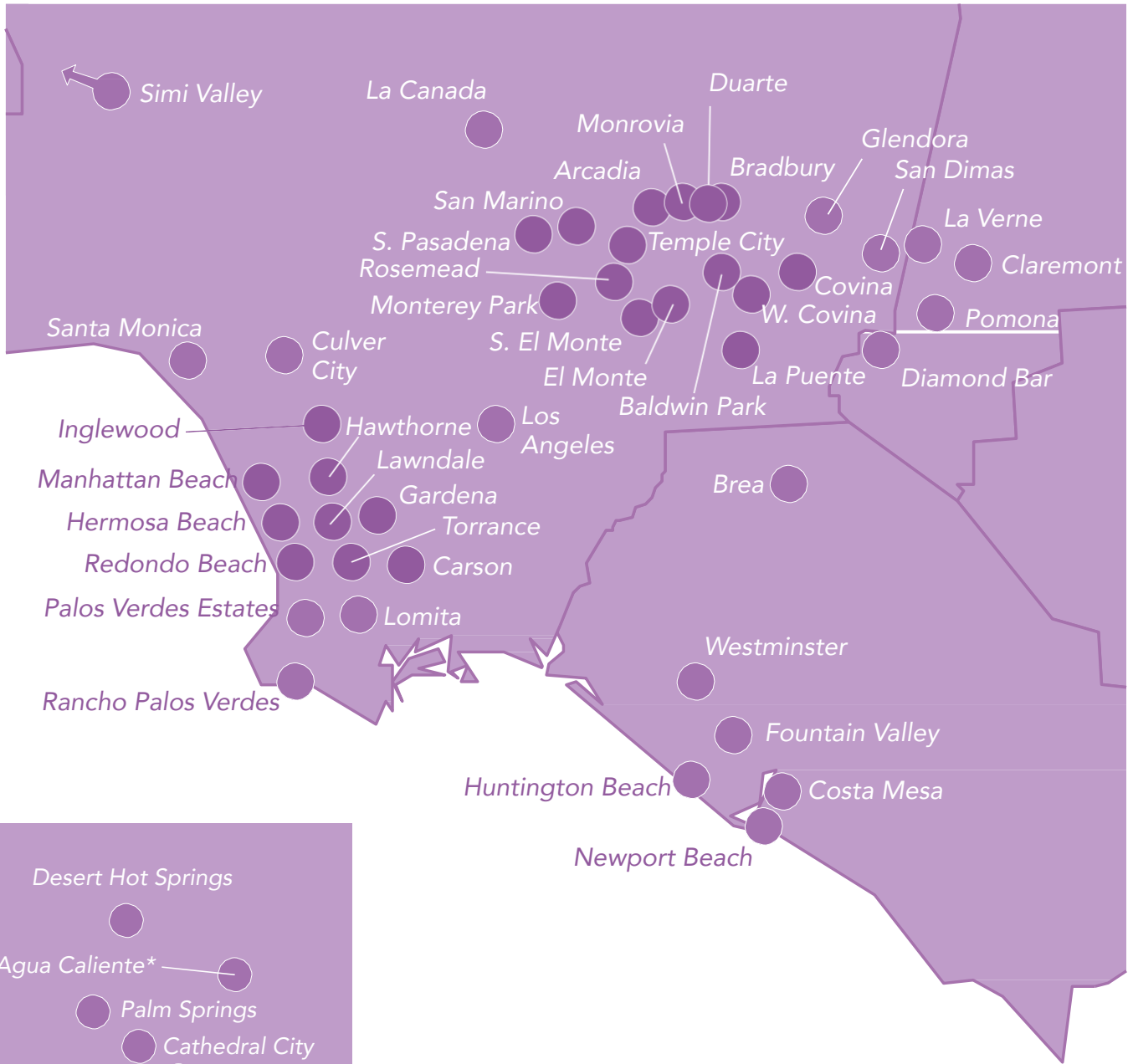
- Conejo Valley School District
- Ventura Unified School District

Special Districts

- Conejo Recreation and Parks District
- The Port of Hueneme, Oxnard Harbor

The Energy Network Service Area

Agencies That Have Adopted EEMIS



Desert Hot Springs

Agua Caliente*

Palm Springs

Cathedral City

Rancho Mirage

Indian Wells

Blythe

*Agua Caliente Agencies:
 Agua Caliente Casino
 Agua Caliente Cahullia Indians
 Agua Caliente Tribal Corp.
 Agua Caliente Development Auth.



56

agencies have adopted EEMIS



AGENCY TECHNICAL REPORT