

The background of the slide is a photograph of a gas meter, likely a Springfield brand, with a blue overlay. The meter is the central focus, showing its dial and various pipes. The text is overlaid on the left side of the image.

Southern California Edison Zonal Electrification Pilot Program

June 26, 2025

Zonal Electrification Pilot Program



Pilot Program Objectives

- Identify low-income residential areas in Long Beach that may be eligible to transition from natural gas to full electrification
- Cost-benefit analysis of a potential transition from natural gas to electricity

Identification of Eligible Neighborhoods

Selection criteria

- 50 single-family, low-income households in Long Beach; 10 clusters, each containing approximately five households with
 - High gas usage (200%+ of baseline gas allocation)
 - Near older gas distribution infrastructure
 - Income-qualified households (250% Federal Poverty Level)



Cost-Benefit Analysis

Natural gas versus electrification

- Customer Monthly Bill
- Long Beach Utilities Capital Improvement Plan and Gas Fund
- Infrastructure
- Reliability
- Climate impact

CITY OF LONG BEACH
UTILITY SERVICES
POST OFFICE BOX 688
LONG BEACH, CA 90804-0001

CUSTOMER SERVICE: (562) 573-6796
PAY BY PHONE: (562) 408-8400
WWW.LONGBEACH.CA.GOV/UTILITYBILLING

ACCOUNT INFORMATION
ACCOUNT NUMBER: [REDACTED]
SERVICE ADDRESS: [REDACTED]
BILLING DATE: [REDACTED]

HISTORICAL USAGE

Month	Usage	CCF (Cubic Feet)	Cost
Jan	100	100	100
Feb	120	120	120
Mar	150	150	150
Apr	180	180	180
May	200	200	200
Jun	220	220	220
Jul	250	250	250
Aug	280	280	280
Sep	300	300	300
Oct	280	280	280
Nov	250	250	250
Dec	200	200	200

SPECIAL MESSAGE
[REDACTED]

REGULAR BILL
GAS
SERVICE PERIOD: 05/15/20 TO 05/31/20
METER READ: 10000

SOUTHERN CALIFORNIA EDISON
Your electricity bill
Smith, John / Page 1 of 8

Customer Account: X-1000-XXXX-XXXX
Date bill prepared: 05/26/20
Amount due: **\$352.32**
Due by: 06/16/20

Your account summary

Previous Balance	\$116.01
Payment Received (05/15/20)	-\$116.01
Balance Forward	\$0.00
Your new charges	\$352.32
Total amount you owe by 06/16/20	\$352.32

You Received a California Climate Credit
California is fighting climate change and so can you! Your bill includes a Climate Credit from a state program to cut carbon pollution while also reducing your energy costs. Find out how at EnergyUpgradeCA.org/credit.

Summary of your billing detail

Service account	Service address	Billing period	Your rate	New charges
01X	[REDACTED]	[REDACTED]	[REDACTED]	\$214.21
01X	[REDACTED]	[REDACTED]	[REDACTED]	\$117.75
				\$352.32

Please return the payment with this bill with your payment and retain your check payable to Southern California Edison.
If you wish to pay in person, call 1-800-747-6999 for locations, or you can pay online at www.sce.com.

SOUTHERN CALIFORNIA EDISON
Customer account: X-1000-XXXX-XXXX
Amount due by 06/16/20: **\$352.32**
Amount enclosed: \$

Next Steps

- Non-Disclosure Agreement (NDA) to ensure confidentiality of critical utilities infrastructure and customer data
- Collaborative data analysis between SCE and Long Beach Utilities
- Report back to the Utilities Commission with findings and recommendations

Recommendation

Authorize the General Manager to execute a Non-Disclosure Agreement (NDA) between Southern California Edison Company (SCE) and the Long Beach Public Utilities Department (LBPUD) to facilitate discussions concerning the feasibility of implementing a Zonal Electrification Pilot.



LONG BEACH
Utilities
Water · Gas · Sewer