

Southern California Edison Zonal Electrification Pilot Program

June 26, 2025

Zonal Electrification Pilot Program



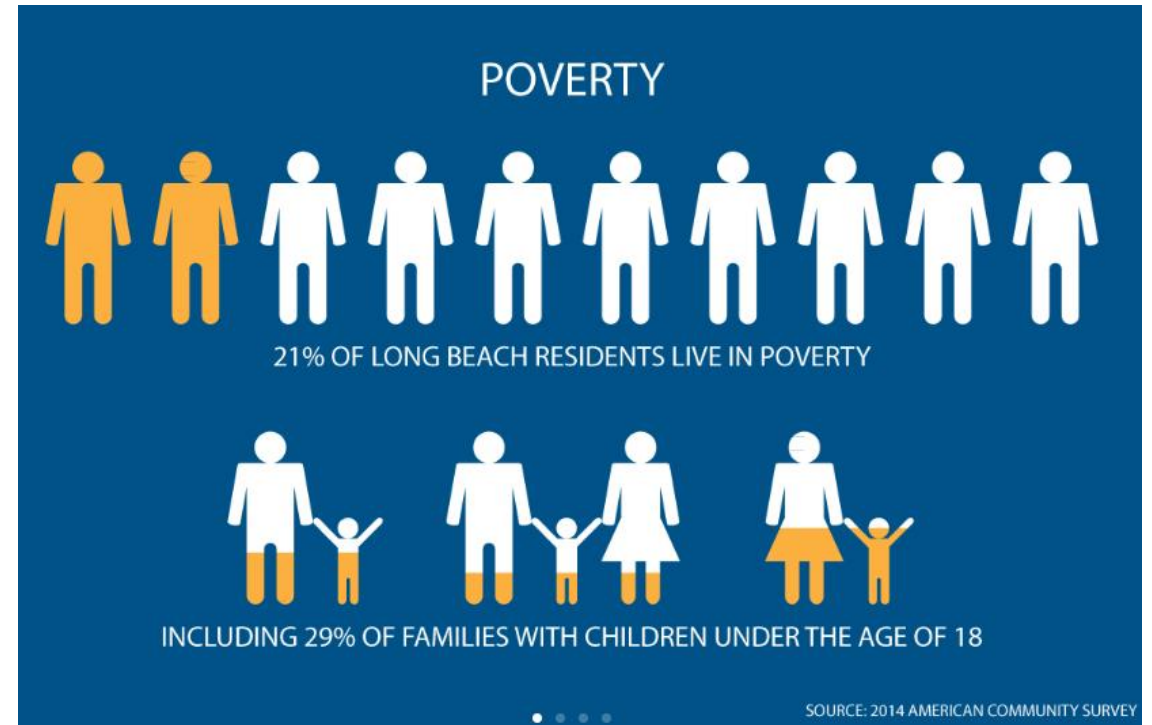
Pilot Program Objectives

- 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

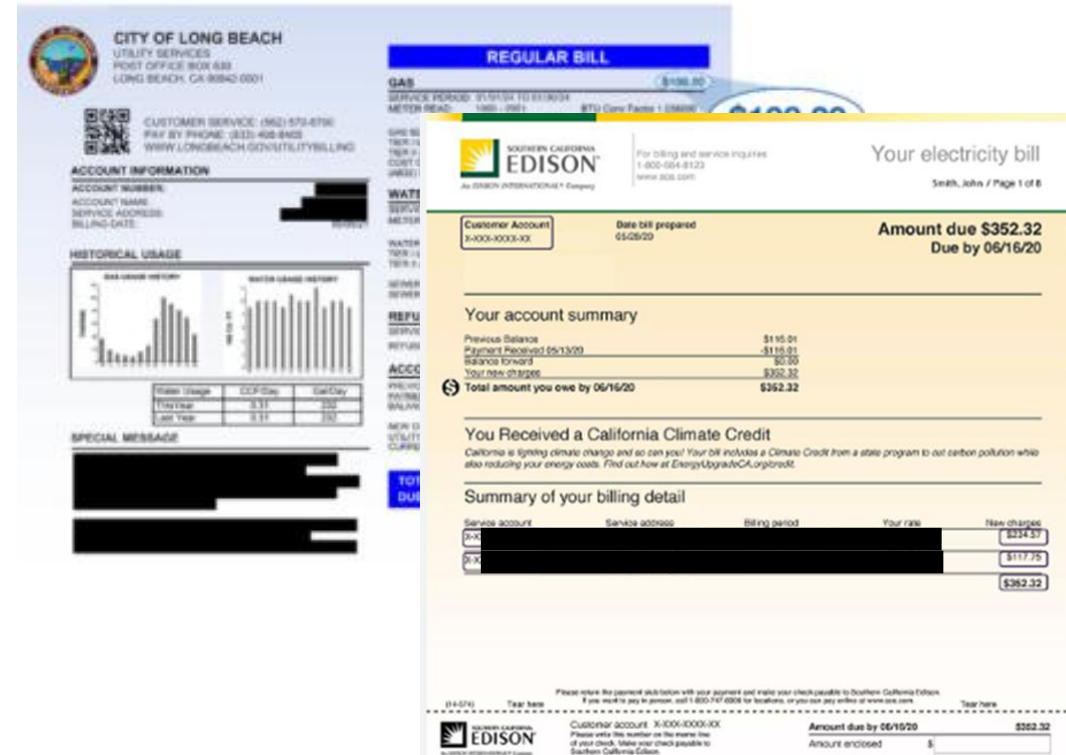
- 50 single-family, low-income households in Long Beach; 10 clusters, each containing approximately five households with
 - High gas usage (200%+ of baseline gas allocation)
 - Near older gas distribution infrastructure
 - Income-qualified households (250% Federal Poverty Level)



Cost-Benefit Analysis

Natural gas versus electrification

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



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.



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