



BUSINESS OF LOCAL ENERGY

ENERGY DEMOCRACY PANEL

MAY 5, 2017 – LONG BEACH, CA

SOUTH BAY LOS ANGELES



Climate Action Group

Local Strategies: CO₂e reduction by 2050 (MTCO₂e)

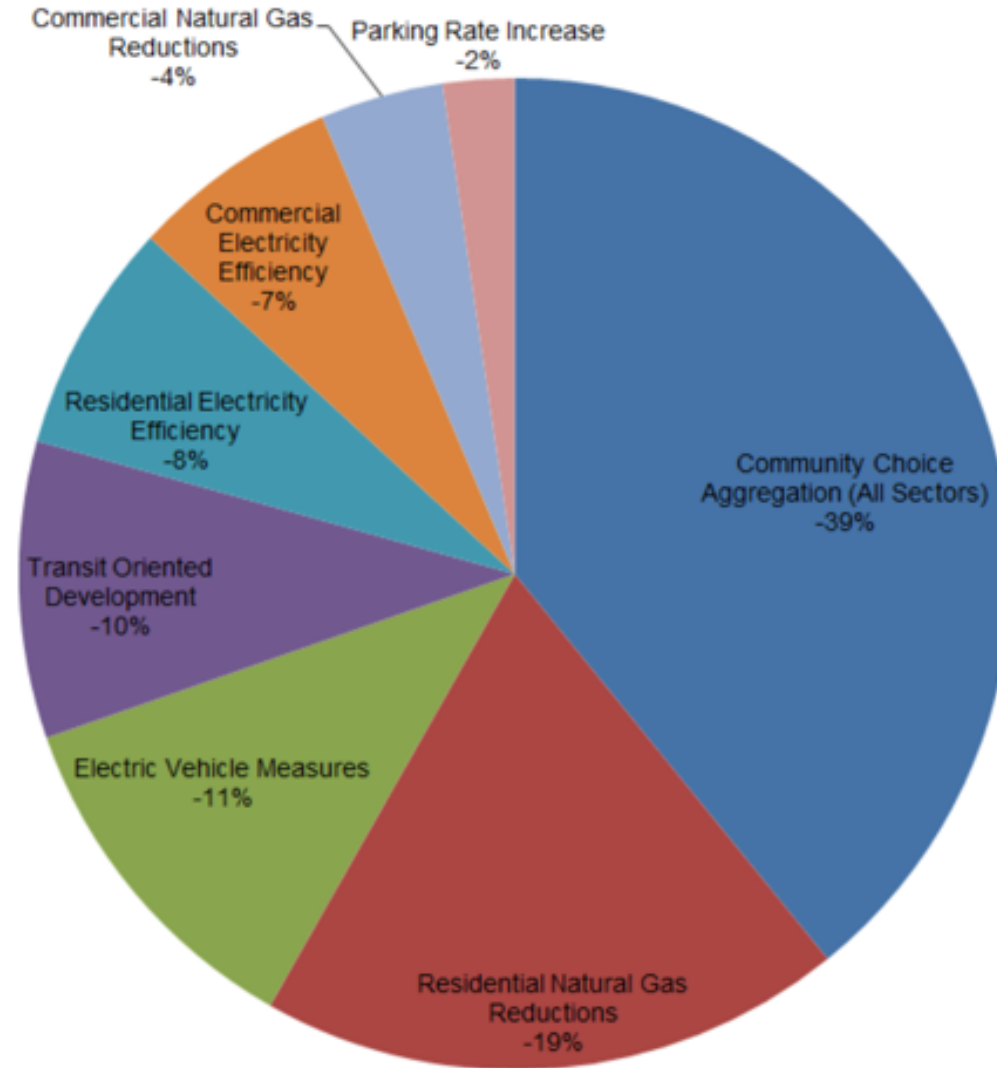


Figure 4: Pie chart showing proportion of CO₂e reductions achieved by each strategy, as a percentage of the sum total of emissions reductions achieved by the top recommendations.



South Bay Clean Power Mission Statement

The South Bay Clean Power program goals & objectives:

- Fastest path to 100% renewable power - goal of 10 years
- No use of Category 3 unbundled Renewable Energy Certificates (RECs)
- Distributed Energy Resources with County-wide buildout to maximize DER potential
- Local investment, local power generation, local jobs, local career opportunities
- Partnership with labor - project labor agreements, community benefit agreements, sustainable workforce agreements, job training, apprenticeship
- Focus on environmental justice in frontline communities where needs are the greatest



**SOUTH BAY
CLEAN POWER**

South Bay Clean Power Resolutions Passed

To Participate in a CCA Feasibility Study

- Hermosa Beach - September 9, 2014
- Manhattan Beach - October 21, 2014
- Santa Monica - January 13, 2015
- Redondo Beach - January 20, 2015
- Torrance - January 28, 2015
- Carson - February 3, 2015
- Beverly Hills - April 21, 2015
- Palos Verdes Estates - April 28, 2015
- Lomita - June 10, 2015
- West Hollywood, August 3, 2015
- Malibu, September 16, 2015
- Rolling Hills Estates, September 22, 2015
- Culver City, September 28, 2015

SBCP Cities Electric Loads

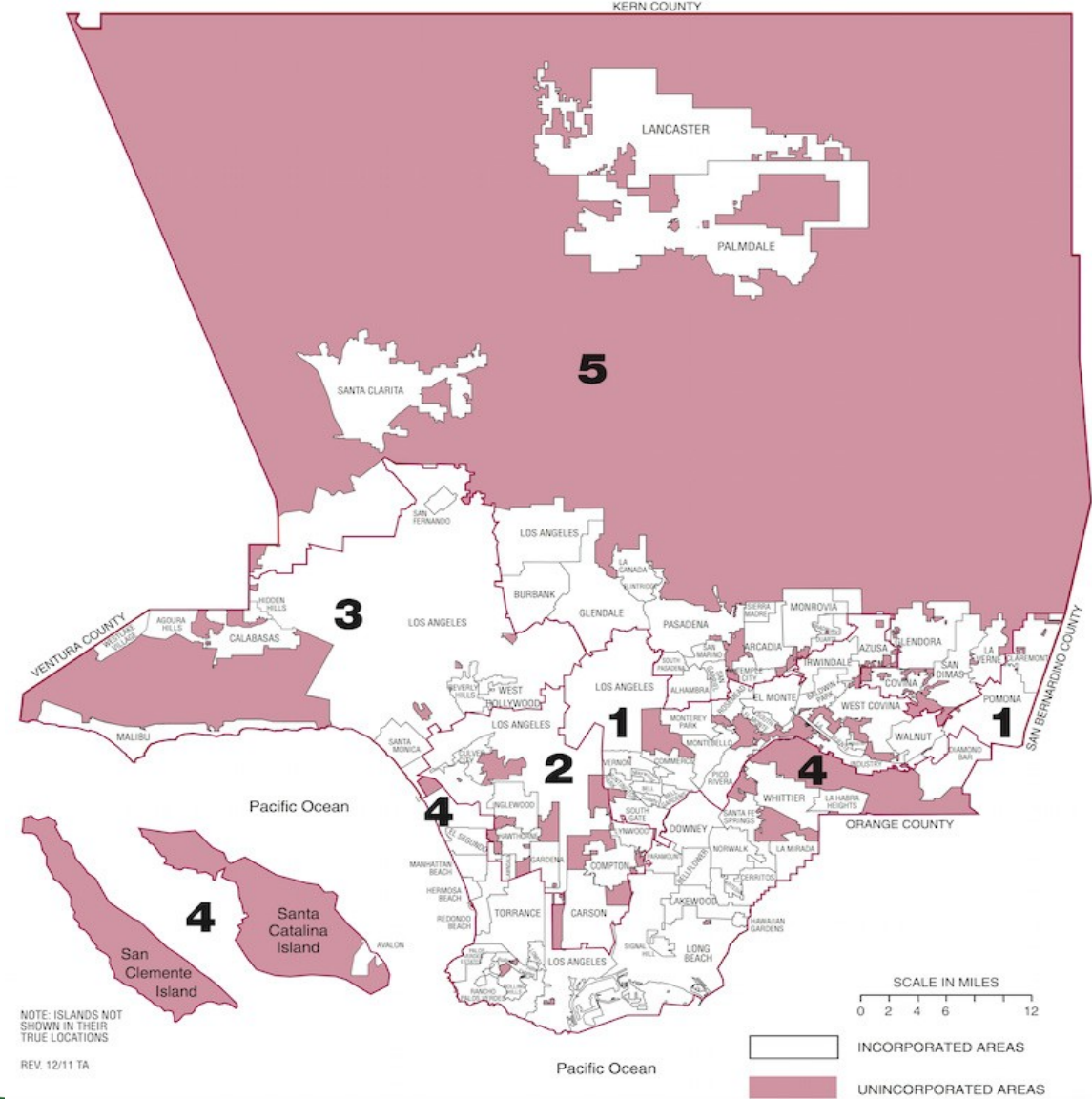
CITIES	POPULATION	TOTAL ELECTRIC (MWh)
Hermosa Beach	20,000	80,000
Manhattan Beach	35,000	200,000
Redondo Beach	67,000	300,000
Torrance	146,000	1,580,000
Santa Monica	90,000	920,000
Beverly Hills	35,000	660,000
Carson	92,000	1,290,000
Culver City	39,000	440,000
Malibu	13,000	210,000
West Hollywood	35,000	320,000
Lomita	20,000	60,000
Palos Verdes Estates	14,000	60,000
Rancho Palos Verdes	42,000	190,000
Rolling Hills Estates	8,000	60,000
14 TOTAL CITIES	~660,000 PEOPLE	~6,400 GWh

88 cities in LA County

83 are SCE cities

One has a CCA

- 6 Municipal Utility Districts in LA County: LADWP, Burbank Water & Power, Pasadena Water & Power, Glendale Water & Power, Azusa Light and Water. Lancaster Choice Energy is the CCA.
- 14 South Bay Clean Power cities represent approximately 6,400,000 MWh of total electric power load.
- County of Los Angeles is total unincorporated areas power load is estimated to be approximately 4,300,000 MWh
- The City of Long Beach has approximately 3,300,000 MWh of power load.



A word cloud visualization of terms related to environmental justice. The central and largest words are "ENVIRONMENTAL" and "JUSTICE". Other prominent words include "MOVEMENT", "SOCIAL", "HEALTH", "GROWING", "LIVES", "CONTROL", "SPACE", "COLOR", "BREATH", "UNHEALTHY", "MEMBERS", "MANY", "JUST", "INTERPERSONAL", "RACE", "HOUSING", "SAFE", "ACTION", "INFERIOR", "TIED", "EQUALLY", "RESIDENTS", "OPPRESSION", "FIGHT", "PRIVILEGED", "CLEAN", "UNITED", "LIVING", "BURNING", "FIRST-HAND", "FINANCIAL", "TAKE", "GROUP", "NON-WHITE", "BENEFITS", "LIFE", "BLACK", "INTERNALIZED", "WHITE", "UNDERSTAND", "CHANGE", "DECIDE", "DISRESPECT", "BABIES", "POWER", "BELIEVE", "RECESSION", "ECONOMIC", "FAIRLY", "ORGANIZATIONS", "WEALTHIER", "HEALTHY", "BATTLE", "RECREATION", "CONTROL", "SPACE", "COLOR", "BREATH".