



SANTA BARBARA COUNTY ENERGY CHOICE
COMMUNITY CHOICE ENERGY FORUM
JUNE 7, 2017

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**

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



Renewables 100
Policy Institute



Partnering with Labor on Job Training, Apprenticeship Programs,
Career Path Programs, Helmets-to-Hardhats Programs for Vets
and Community Benefit Agreements








NZP
NetZero Plus

Advancing Tomorrow's Energy Solutions Today™

ELECTRICAL TRAINING INSTITUTE
A PARTNERSHIP OF LA/NECA & IBEW LOCAL 11
GROUNDBREAKING – JUNE 23, 2015

Economic & Workforce Development for Frontline Communities

MY 
NEIGHBORHOOD 
IS 
KILLING 
 **ME**

South Bay Clean Power CCA Development Status

1. **November 2016** – SBCP Draft JPA document submitted to cities for review and discussion
2. **December 15, 2016** – SBCP workshop on JPA draft and CCA formation timeline.
3. **February 14, 2017** – City Council of **Santa Monica** passes resolutions to continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts
4. **February 15, 2017** – SBCP draft Business Plan submitted to cities
5. **February 21, 2017** - City Council of **West Hollywood** passes resolutions to continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts
6. **March 21, 2017** – **Redondo Beach** City Council votes 2-1-1 to continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts.
7. **April 4, 2017** – **Torrance** City Council votes continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts.
8. **April 18, 2017** – City of **Carson** City Council votes to continue exploring CCA options including SBCP Business Plan
9. **April 18, 2017** – **Redondo Beach** City Council with new Mayor & Council Members votes 3-2 to continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts.
10. **April 24, 2017** – **Malibu** City Council votes to continue exploring SBCP option and directs staff to review and report back on JPA and Business Plan drafts.
11. **May 8, 2017** – Culver City City Council votes to continue exploring CCA options including SBCP Business Plan
12. **May 23, 2017** – City of Palos Verdes Estates votes to continue exploring CCA options including SBCP Business Plan



Distributed Energy Resources Infrastructure Build-Out

Maximize the local potential of generation, storage, energy efficiency, demand response and electrical vehicles



The Build-Out Is Where The Jobs & Economic Investment Are

Why Pursue a Distributed Energy Resource Model?

- Driven by the CPUC, the CEC, CAISO, & SCE mandates & direction
- The most direct route to jobs and a DER buildout
- The necessary pathway to 100% renewables - allows us to integrate renewables
- Best improves the reliability of our local grid
- Makes resilient microgrids possible for each of our cities
- Brings funding, pilot projects, grants and public-private partnerships to our CCA and our local communities
- Serves as the viable model for the rest of the LA County program and eligible cities.

Lessons Learned from California's Municipal Utilities

- *Municipal utilities form JPAs to provide services and procurement*
 - Southern California Public Power Authority
 - Northern California Power Agency
- *Economy of scale means:*
 - Better services at lower cost
 - Lower cost power
 - Strong bond rating



Municipal Utility Members of Regional JPAs



Municipal Utility Members of Regional JPAs



Anaheim



Azusa



Banning



Burbank



Cerritos



Colton



Pasadena



Riverside



Vernon



Anaheim



Azusa



Banning