



CITY OF SANTA BARBARA
**SUSTAINABILITY COUNCIL COMMITTEE
SPECIAL MEETING
MINUTES**

July 15, 2019

X Councilmember Randy Rowse, Chair

3:00 p.m.

X Mayor Cathy Murillo

Room 15, City Hall

X Councilmember Kristen Sneddon

735 Anacapa Street

Office of the City Administrator

Matt Fore

Senior Assistant to the City Administrator

AGENDA

1. Roll Call

2. Public Comment

None.

3. Expansion of City-Owned Electric Vehicle Charging Infrastructure

Recommendation: that the Sustainability Council Committee recommend that that the City Council:

- A. Find it in the City's best interest to standardize to the Chargepoint electric vehicle charging station for city-owned electric vehicle charging infrastructure; and
- B. Authorize the General Service Manager to issue a Purchase Order to Chargepoint, Inc. for 44 electric vehicle charging stations, network service, and maintenance support.

Action: the Sustainability Council Committee voted unanimously in favor of the recommendation as proposed (Sneddon/Murillo).

Documents: PowerPoint presentation prepared by staff.

Speaker: Alelia Parenteau, Energy Programs Supervisor

Public Comment: the following speaker(s) provided public comment:

- Michael Chiacos, Community Environmental Council: supports the staff recommendation; installation of charging stations on City property fills a niche for e-vehicle users who do not have access to charging stations elsewhere.

4. Final Presentation of the Strategic Energy Plan

Recommendation: that the Sustainability Council Committee recommend that that the City Council receive a report on, and subsequently adopt, the City's Strategic Energy Plan.

Action: the Sustainability Council Committee voted unanimously in favor of the staff recommendation as written (Sneddon/Murillo).

Documents: PowerPoint presentation prepared by staff.

Speaker: City Staff: Alelia Parenteau, Energy Programs Supervisor

Public Comment: None.

5. 2019 Sustainability Progress Report

Recommendation: that the Sustainability Council Committee receive a presentation of the City's 2019 Sustainability Progress Report.

Action: the Sustainability Council Committee received the presentation from staff.

Documents: 2019 Sustainability Progress Report provided to Committee Members. The Report is available for view online at: www.SantaBarbaraCA.Gov/Sustainability

Speaker: City Staff: Matt Fore, Senior Assistant to the City Administrator

Public Comment: None.

6. Adjourn

The meeting adjourned at 4:15 p.m.



PUBLIC WORKS DEPARTMENT

STRATEGIC ENERGY PLAN PRESENTATION

July 15, 2019



Agenda

- Brief review of strategies
- Implementation budget
- Timeline
- Recommendation

RENEWABLE
[100%]
ELECTRICITY



Council Priorities

- Increase Grid Reliability
- Enhance Disaster Resiliency
- No use of Renewable Energy Credits
- Promote Local Economic Development
- Decrease Local Greenhouse Gas Emissions



Final Components of the Plan

A document in 6 parts:

- 1) Executive Summary
- 2) Detailed Strategy Descriptions
- 3) Priority Municipal Projects
- 4) Priority Community Projects
- 5) Budget and Funding Strategies
- 6) Appendix – Research Methods and Sources



Potential Strategies By Program Area

Five Program Areas Identified

1. *Energy Partnerships & Organizational Structures*
2. *Administrative Policies & Procedures*
3. *Funding Sources & Financial Incentives*
4. *Municipal Pilot Projects*
5. *Community Engagement Initiatives*



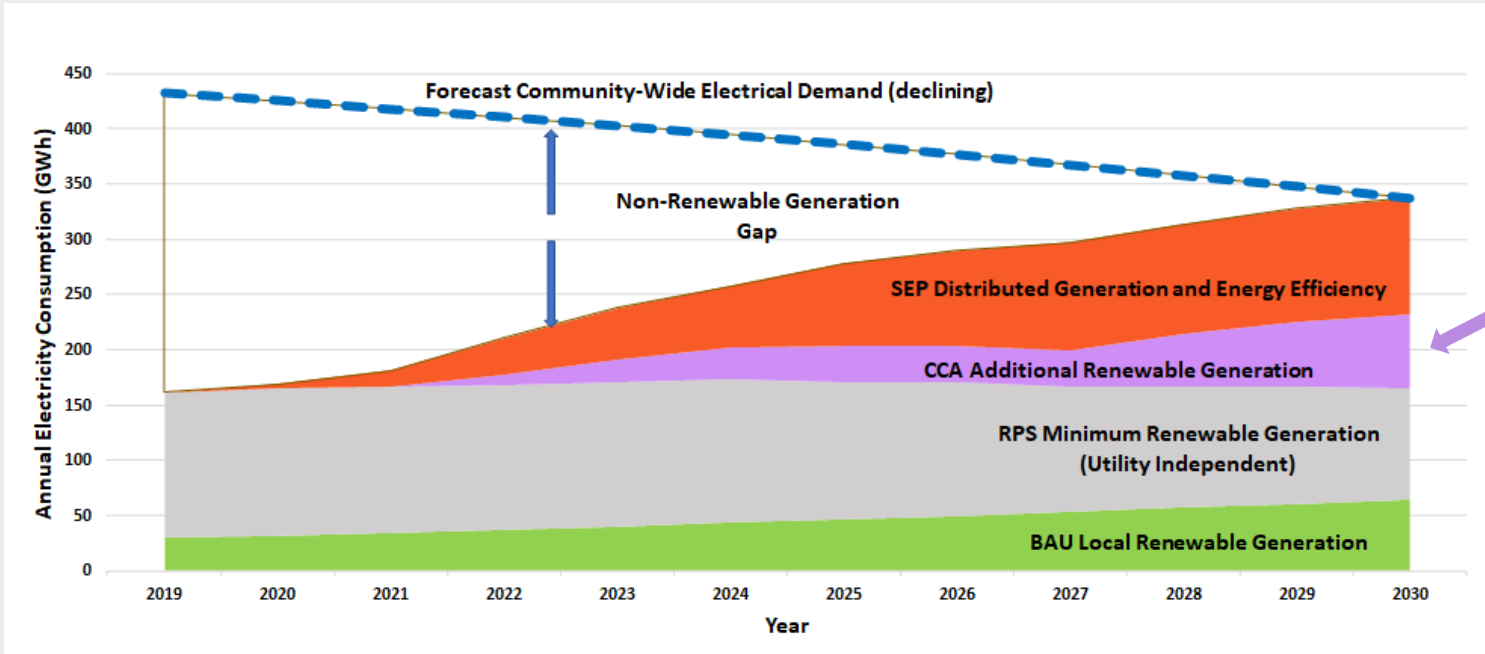
Strategic Impacts in 2030

Program Area	Progress Toward Goal
Energy Partnerships & Structures	26%
Administrative Policies & Procedures	13%
Funding Sources and Financial Incentives	8.5%
Municipal Pilot Projects	3%
Community Engagement Initiatives	1.5%
Existing Renewable Generation	7%
Status Quo Increase in Local Generation	11%
RPS Minimum Generation	30%
Total	100%





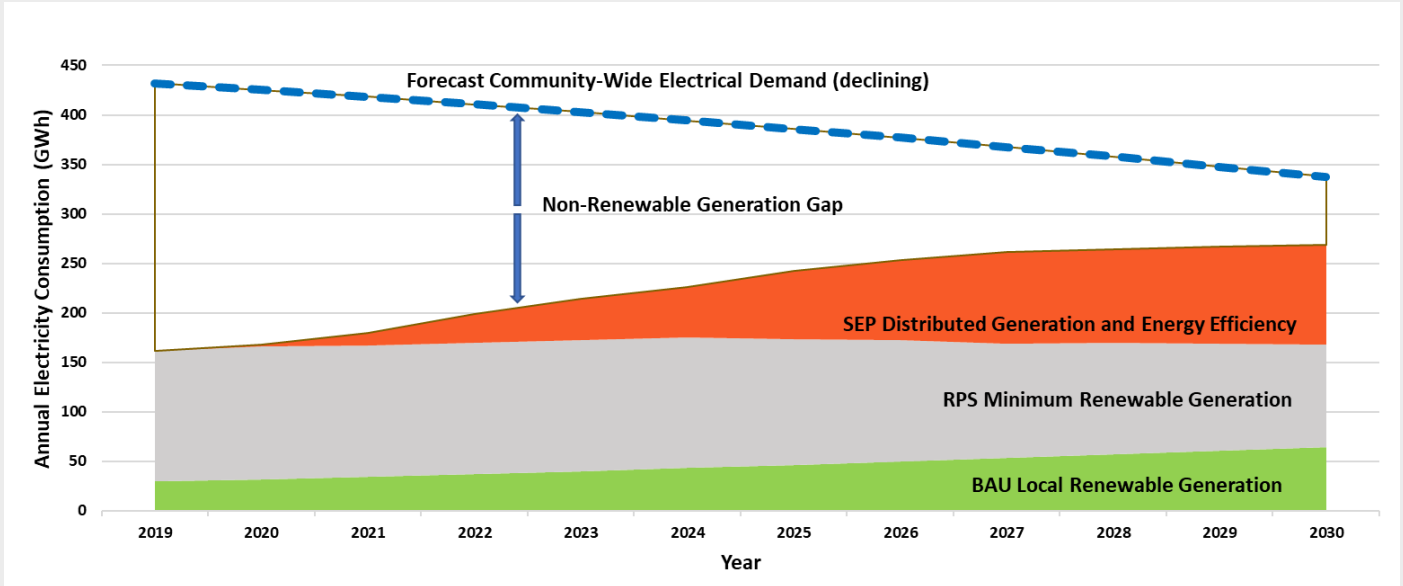
Power Mix with CCE



25% of goal



Power Mix without CCE





Benefits of Community Choice Energy

- Renewable Content
- Power Wheeling*
- Reliability/Resiliency – Local Projects
- Specialized Rates for Innovative Programs
 - *EV, Solar, Storage*
 - *On Bill Financing*



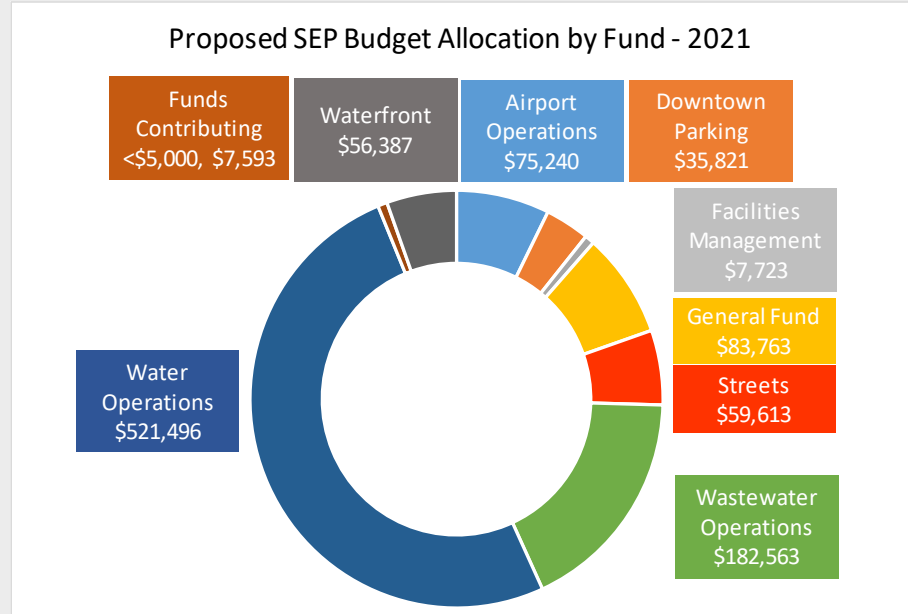
CCE in Santa Barbara

- Currently evaluating CCE options
- Considering 100% renewable default
 - Would mean goal is accomplished
- SEP still important
 - Way to achieve Council's priorities
- Joint SEP and CCE presentation coming to Council July 23rd.



Proposed SEP Budget

- FY20: \$300K (half year)
 - Some initial funding appropriated by General Fund
 - Meeting with Enterprise funds re: midyear adjustment
- FY21: \$670K (full year)





FY20/21 SEP Actions

- Staffing - Formalize Energy and Climate Program
- Community Choice Energy Implementation
- Climate Collaborative
- Education & Outreach Program
- Municipal projects
- Smart Energy Zone
- Permit Streamlining



Proposed Staffing

- New Energy and Climate Program
 - Initially four staff members (3 new, 1 existing)
 - **ECP Supervisor** (*new*) - FY20
 - **ECP Specialist** (*existing, reclassified*) – FY20
 - Muni facilities, project development
 - **ECP Specialist** (*new*) – FY21
 - Water-Energy nexus
 - **ECP Specialist** (*new*) – FY21
 - Community engagement and programs



Timeline

Strategy			Mid-term					Long-term				
			Phase 2					Phase 3				
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Energy Structures, Plans & Partnerships												
Strategy 1.1: Formalize Energy & Climate Program												
Strategy 1.2: Continue Exploring CCA												
Strategy 1.3: Participate in Regional Climate & Energy Collaborative												
Community Engagement Initiatives												
Strategy 2.1: 100% Renewables Education, Outreach & Behavior-change Programs												
Funding Sources & Financial Incentives												
Strategy 3.1: Launch Financial Incentive for Solar + Storage												
Strategy 3.2: Pilot On-Bill Financing for DER												
Municipal Development & Pilot Projects												
Strategy 4.1: Design & Install DERs & Microgrids at Municipal Facilities												
Strategy 4.2: Pursue Community Solar												
Strategy 4.3: Create Smart Energy District												
Administrative Policies & Procedures												
Strategy 5.1(a and b): Further Streamline Solar Permitting												
Strategy 5.1(c): Pilot Automated & Standard Design Permitting												
Strategy 5.1(d): Clarify Citizen Review Processes												
Strategy 5.2: Title 24 Building Code Improvements												
Strategy 5.3: Institute Energy Disclosure & Performance Policy												



Recommendation

- That the Committee recommend that Council Receive report on, and subsequently adopt, the City's Strategic Energy Plan



QUESTIONS?



ELECTRIC VEHICLE CHARGING EXPANSION



Evs and GHG Emissions

- Transportation emission account for 57% of total in Santa Barbara
- State goals
 - 5 million zero emission vehicles by 2030
 - 250,000 EV charging stations by 2025



Existing infrastructure

- Parking garages: 10 public charging stations
 - Installed in 2012, seeing increased use
- Fleet parking: 8 fleet charging stations
 - Installed as needed for EV fleet vehicles



SCE's Charge Ready Program

- Offsets cost related to station installation
- **Covers:**
 - Conduit, wiring, trenching
 - New meter pedestal and transformer
- **Does not cover:**
 - Station itself
 - Station installation



Charge Ready Offer

- Granada Garage – 30 Stations
 - All on rooftop
 - Separate meter allow for better cost recovery
- Fleet – 14 Stations
 - 4 will replace existing, underperforming stations
 - 10 new stations to accommodate new EVs



Additional Funding Opportunities

- APCD
 - Clean Air Grant Funds Program – up to \$150,000
 - Electric Vehicle Grant Program - \$60,000
 - *Can't use both*
 - Charge Ready Incentive
 - *25% of base cost of chargers (approx. \$26,000 total)*



EV Charger Standard

- Chargepoint network largest in the country
 - Robust networking capability
 - Prominent EV resource
- Chargepoint stations
 - All City-owned public chargers
 - New preferred charger for fleet vehicles
 - *Analytical capabilities*



Recommendation

- Find it in the City's best interest to standardize to the Chargepoint electric vehicle charging station for City-owned electric vehicle charging infrastructure;
- Authorize the General Service Manager to issue a Purchase Order in the amount of \$317,830 to Chargepoint, Inc for 44 electric vehicle charging stations, network service and maintenance support.



QUESTIONS?
