Community Advisory Committee

Regular Meeting
September 10th, 2021
1. Welcome
2. Roll Call
3. Public Comment for Items Not on the Agenda
4. Items to be Withdrawn, or Reordered on the Agenda
5. Receive Update on Phase 2 Enrollment Effort
6. Receive Update on Development of Collections/Delinquency Policy
7. Receive Presentation on the City of Chula Vista’s Climate Equity Index
8. Discuss and Provide Input on Local Government Commission Program on Educational Workshops and Technical Assistance for Member Agencies
9. Discuss and Provide Input on Program Priorities for FY 21-22
10. Discuss and Provide Recommendation to the Board on the NEM 3.0 Proceeding
5. Standing Item: Discussion of Potential Agenda Items for Board of Directors Meetings
6. Committee Member Announcements
7. Adjournment
Item 5

Receive Update on Phase 2 Enrollment Effort
Item 6

Receive Update on Development of Collections/Delinquency Policy
Item 7

Receive Presentation on the City of Chula Vista’s Climate Equity Index
Chula Vista Climate Equity Index

SDCP

9/10/2021
**Why Create a CEI?**

**Climate equity**

addressing historical inequities suffered by people of color to: 1) allow everyone to fairly share the same benefits and burdens from climate solutions and, 2) attain full and equal access to opportunities, including decision-making, regardless of one’s background and identity.

San Diego Museum of Us
Poor and minority communities suffer more from extreme heat in U.S. cities.

EPIC Report

- Detailed methodology
- Findings
- In depth information about indicators
City Report

- EPIC Report is attached
- More pictures and graphics
- Background and recommendations
- Summary

Background
**Timeline**

**July – September 2020**
- Meet with stakeholders
- Select indicators
- Data gathering and analysis

**October - December 2020**
- Finalize analysis
- Present draft to staff and stakeholders
- Discuss recommendations
- Present draft EPIC report to Sustainability Commission
<table>
<thead>
<tr>
<th>Time Line</th>
<th>January – February 2021</th>
<th>March – May 2021</th>
<th>June 2021</th>
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<tbody>
<tr>
<td></td>
<td>Draft City Report</td>
<td>Present full report to Sustainability Commission, stakeholders (working group &amp; San Diego Green New Deal JEDI Working Group) and community members</td>
<td>Adopted by City Council</td>
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<td>Finalize recommendations</td>
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Climate Equity

Existing equity efforts:

• CAP actions
• Digital Inclusion Plan
• Housing support
• Welcoming City
• Building performance standards
• Library Sustainability Kits & Labs
Stakeholders

Environmental Health Coalition
South Bay 350
Sweetwater Authority
GRID Alternatives
Center for Sustainable Energy
Climate Action Campaign
South County Economic Development Council
Southwestern College
South Bay Community Services
Greenlining Institute
Residents: Carolyn Scofield, Gina Woodard, Rick Lakin, Rita Clement

Stakeholder and geographic outreach depend on service territory
### Environmental Indicators
- Air Quality – Ozone
- Air Quality – Diesel PM
- Air Quality – PM 2.5
- Cleanup Sites
- Drinking Water Contaminants
- Extreme Heat Days
- Fire Risk
- Flood Risk
- Groundwater Threats
- Hazardous Waste Generators and Facilities
- Impaired Water Bodies
- Parks & Open Space Access
- Pesticide Use
- Solid Waste Sites & Facilities
- Toxic Releases from Facilities
- Traffic Density
- Tree Cover

### Mobility Indicators
- Bicycle Access
- Commute Time Burden
- Pedestrian Access
- Public EV Charging Infrastructure
- Street Conditions
- Transit Access
- Transportation Cost Burden
- Vehicle Ownership

### Socioeconomic Indicators
- Educational Attainment
- Digital Access
- Energy Cost Burden
- Housing Cost Burden
- Limited English Proficiency
- Poverty Rate
- Preschool Enrollment
- Solar PV Systems
- Unemployment Rate

### Health Indicators
- Asthma Rate
- Cardiovascular Disease
- Food Access
- Health Insurance Access
- Low Infant Birthweight

39 Indicators selected based on:
- Relevance
- Data availability
- Community input
Methodology

1. Determine indicators
2. Collect data
3. Calculate values for each indicator by census tract
4. Standardize values for each indicator
5. Average all standardized indicator values by census tract
6. Create Climate Equity Index (CEI)

Climate Equity Index:
- Tract A
- Tract B
- Tract C
- Tract D
- Tract E
- Tract F

CEI Score:
- 75 - 100
- 50 - 75
- 25 - 50
- 0 - 25
Scores were broken down by quartile to score census tracts (similar to CalEnviroScreen)
Online Map:

www.chulavistaca.gov/departments/clean/conservation/climate-action-plan or

www.chulavistaca.gov/clean in the climate section
Scoring Comparison

If a score based ranking system was used like City of San Diego:

Climate Equity Index
- Five categories of access to opportunity:
  - 0-20, **Very Low Access**
  - 20-40, **Low Access**
  - 40-60, **Moderate Access**
  - 60-80, **High Access**
  - 80-100, **Very High Access**
Demographics

Figure 5. Percent of Population by Race/Ethnicity by CEI Score
City Recommendations

In addition to working with City staff to find ways to incorporate the CEI scores into programs and policies....

**Opportunity for Feedback**
Potential implementation actions included as Attachment B

<table>
<thead>
<tr>
<th>Recommendation</th>
<th>Description</th>
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<tbody>
<tr>
<td>Recommendation 1</td>
<td>Increase outreach to and engagement with high scoring census tracts</td>
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<tr>
<td>Recommendation 2</td>
<td>Seek funding for high scoring census tracts</td>
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<tr>
<td>Recommendation 3</td>
<td>Update Climate Equity Index approximately every 5 years</td>
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</table>
Questions?

Cory Downs
Sustainability Specialist
cdowns@chulavistaca.gov

Start changing!
Visit www.chulavistaca.gov/clean
Your actions make a difference!

www.chulavistaca.gov/clean
Item 8

Discuss and Provide Input to Local Government Commission Program on Educational Workshops and Technical Assistance for Member Agencies
Overview

Local Government Commission

• Brought on as a subcontractor with Calpine Energy Solutions
• Clean Power Alliance also received their support to launch their Sustainable Energy Incubator

Sustainable Energy Incubator

Clean Power Alliance is proud to introduce an exciting new program called the “Sustainable Energy Incubator” in partnership with the Local Government Commission (LGC). The Sustainable Energy Incubator aims to engage Clean Power Alliance board members, staff, local member agencies, and other stakeholders to address emerging energy issues through educational workshops and direct support.
Foundation of Approach
Seek responses to questions from the community:

• What do you see as the major priorities for advancing clean energy initiatives in the San Diego region?
• How is your organization engaging with under-funded communities, Communities of Concern, and/or low-income households on matters relating to electrification and/or energy?
• Does your organization provide learning, networking, and/or technical assistance opportunities to local governments in the San Diego region?
• Would your organization be interested in partnering with SDCP on its new Community Power Incubator Program, such as by collaborating on one or more educational events? Would this require financial support to engage on a deeper level with SDCP?
• Is there anything else you would like to share about your organization’s priorities, needs, or interests?
CAC Questions

1. What do you see as the major priorities for advancing clean energy initiatives in the San Diego region?
   a. In what areas are local agencies making progress and/or could serve as a model for other regions and communities in California?
   b. What do you see as the most significant barriers to achieving clean energy goals in the region?

2. How is your organization engaging with under-funded communities, Communities of Concern and/or low-income households on matters related to electrification and/or energy?

3. Does your organization provide learning, networking, and/or technical assistance opportunities to local governments in the San Diego region?
   a. Are there any particular topics that you plan to focus on in 2021 and 2022?
   b. Are there any particular topics that are not being adequately addressed in the region?
   c. Are there any barriers that are preventing any particular topics from being adequately addressed in the region?
   d. What do you see as the most effective methods/formats for providing educational opportunities (e.g. workshops, webinars, small group discussions)?

4. Would your organization be interested in partnering with SDCP on its new Community Power Incubator Program, such as by collaborating on one or more educational events? Would this require financial support to engage on a deeper level with SDCP?

5. Is there anything else you would like to share about your organization’s priorities, needs, or interests?
Next Steps & Questions
Item 9

Discuss and Provide Input on Program Priorities for FY 21-22
Program Prioritization for Fiscal Year 2021-2022
## Overview

<table>
<thead>
<tr>
<th>Programs</th>
<th>Target Customer</th>
<th>Funding Source</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>Net Energy Metering (NEM)</td>
<td>All customers</td>
<td>SDCP</td>
<td>Phase 3</td>
</tr>
<tr>
<td>Feed-In Tariff (FIT)</td>
<td>Developers / Commercial</td>
<td>SDCP</td>
<td>Q4 of 2021</td>
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<tr>
<td>Renewable Energy Self-Generation Bill Credit Transfer</td>
<td>Municipalities</td>
<td>SDCP</td>
<td>Phase 3</td>
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<tr>
<td>Disadvantaged Communities Green-Tariff / Community Solar Green-Tariff</td>
<td>Residential (Low-Income) in DACs</td>
<td>CPUC</td>
<td>Approvals undergoing through the CPUC. Expected to start in 2022 with service to be provided in 2023-2024</td>
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<tr>
<td>Member City Assistance Program / Local Government Commission</td>
<td>Municipalities</td>
<td>SDCP</td>
<td>Support member cities in their energy-related work</td>
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<tr>
<td>Community Power Plan</td>
<td>All customers</td>
<td>SDCP</td>
<td>Release RFP in Q4 of 2021</td>
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<tr>
<td>Elect To Administer / Regional Energy Network</td>
<td>All customers</td>
<td>CPUC</td>
<td>Work to begin after Phase 3</td>
</tr>
</tbody>
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Phase 3 Programs

Net Energy Metering:
• Program to support customers that installed on-site generation

Feed-In-Tariff:
• Renewable energy purchasing program which sets the rules and price for the purchase of electricity from small-scale wholesale renewable electricity projects within service territory.

Renewable Energy Self Generation Bill Credit Transfer (RES-BCT)
• Allows Local Governments to install one generation facility and allocate generation bill credits to other accounts not served by the generating facility to offset bills.
Low-Income Focused

Disadvantaged Communities Green Tariff (DAC-GT) & Community Solar Green Tariff (CS-GT)

• Actively pursuing – Advice Letter seeking CPUC allocation drafted
• 20% bill discount on generation and distribution
• Available only to CARE/FERA residential customers and those living in DACs
• Both provide new generation
• CS-GT project is required to be in a DAC and customers are to reside within 5 miles
• CS-GT would require at least one Community Sponsor who would be the face of the project
• All customers would receive 100% renewable energy
Partnership with Member Agencies

Local Government Commission
- Energy Workshops
- Governmental Assistance

Member Agency Funding Pilot
- Pilot project
- Support energy-related technical assistance work
- Ongoing determination of best approach
Looking Ahead

Community Power Plan

• Conduct assessment which will guide:
  • Local development of renewable energy
  • Decarbonization strategies
  • Workforce development
  • Program strategy
• Outlook will be for 3-5 years
• Draft scope of RFP to return to CAC
Looking Further Ahead

• **Elect To Administer (ETA)**
  • Access CPUC funds to conduct energy efficiency work
  • Easier to form and access funds
  • Restrictive cost-effectiveness requirements makes programs difficult to design and implement

• **Regional Energy Network (REN)**
  • Regional agency designed to access CPUC funds to conduct energy efficiency work
  • Requires at least two public agencies to form
  • Difficult to form, but no restrictive cost-effectiveness requirements
Questions and ideas?
Item 10

Discuss and Provide Recommendation to the Board on the NEM 3.0 Proceeding
Dear Governor Newsom,

As one of the largest community choice energy programs in the state, San Diego Community Power requests your support to protect rooftop solar in California and expand access to all ratepayers, especially communities of concern.

California has suffered the devastating effects of the accelerating climate crisis in the past year with wildfires displacing hundreds of thousands of people and producing some of the worst air quality in California history. San Diego Community Power believes that rooftop solar is a key solution to fighting climate change and many of the cities who joined San Diego Community Power did so with a vision of 100 percent renewable energy, which includes local rooftop solar and energy storage.

California has long been a leader in adopting solar energy with over a million Californians generating their own renewable energy onsite with more than 75,000 jobs created, billions of dollars of economic benefit to the state and there is one policy that is vital to that investment: net energy metering (NEM).

Net metering allows individuals and organizations to power their homes, apartments, nonprofit organizations, businesses, cities and schools using clean solar energy, by giving customers a bill credit for the excess clean electricity they share with their neighbors. Today, this is under attack. California’s investor-owned utilities are proposing to make changes to this vital policy that would make it nearly impossible for Californians to go solar even though Assembly Bill 327 has a clause that directs the California Public Utilities Commission to adopt a NEM policy that ensures solar will continue to “grow sustainably.” The proposed changes would make going solar more expensive, increase the amount of time it takes to pay off systems and ultimately have the potential to eliminate the rooftop solar market in California. The proposed changes would also create monthly fees that San Diego Community Power customers could not avoid, regardless of how strong the NEM program we create is, eroding promises we made to our community to benefit utility companies.

As San Diego Community Power works to provide lower rates and clean energy to our accounts, we acknowledge that the deployment of more rooftop solar will reduce the need for new, expensive utility infrastructure, potentially saving California ratepayers $120 billion as recently reported by Vibrant Energy.

The state has said that we need to triple the amount of rooftop solar in order to meet the 100 percent clean energy goal, and there are ambitious energy storage goals as well. Along with the increase in rooftop solar we will need to reach our state targets, comes green jobs and career opportunities. Transitioning to clean energy has the potential to create 374,000 new jobs in the
state all while reducing CO2 emissions, and we’d like to support local green jobs in our communities of concern.

Please, for the sake of an equitable and survivable future, protect rooftop solar and energy storage and advocate for a solar-friendly net metering 3.0 that allows the market to grow increasing solar and storage installations and grid resiliency while reducing fires and impacts to the climate crisis. We must prioritize communities of concern with this proceeding, giving affordable housing tenants, those on the CARE rate, communities of concern and nonprofits serving communities of concern the most solar-friendly rates and the opportunity to save additional money from rooftop solar and energy storage. Drastic changes to the NEM program by the California Public Utilities Commission will negatively impact consumers, support environmental injustices, accelerate the climate crisis and shatter California’s clean energy industry. Other states look to California as a model for transitioning to clean energy and what happens here will shape the clean energy landscape across the United States. As we emerge from the economic and public health crises caused by COVID-19, we urge you to maintain the benefits of solar energy for all Californians, and invest in a stronger NEM for communities of concern.

Signed,

cc: Members of the California Public Utilities Commission
Item 11

Standing Item: Discussion of Potential Agenda Items for Board of Directors Meetings
Committee Member
Announcements

Adjournment
Community Advisory Committee

Next Regular Meeting
October 8th, 2021