SB 350: The Clean Energy and Pollution Reduction Act of 2015

- SB 350 requires that the CPUC and the Energy Commission places an early priority on disadvantaged communities.
- The CPUC and Energy Commission are required to establish an advisory group
  - Purpose: To review and provide advice on proposed clean energy and pollution reduction programs and determine whether the programs will be useful in disadvantaged communities.
Disadvantaged Communities Advisory Group
Guiding Principles

• The Advisory Group should consider whether proposed programs:
  – Increase access to clean energy technologies for disadvantaged communities.
  – Maintain or enhance the affordability of energy service in disadvantaged communities, by considering potential rate impacts of any proposed program.
  – Increase the benefits of clean energy programs in disadvantaged communities, such as economic and environmental/health improvements.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 1, 2017</td>
<td>CPUC and Energy Commission released a joint staff proposal to elicit stakeholder feedback</td>
</tr>
<tr>
<td>November 1, 2017</td>
<td>An announcement soliciting applicants was released</td>
</tr>
<tr>
<td>December 13 and 14, 2017</td>
<td>The CEC and the CPUC approved the Advisory Group charter at their respective business meetings</td>
</tr>
<tr>
<td>February 21, 2018</td>
<td>Energy Commission appointed members to the Advisory Group</td>
</tr>
</tbody>
</table>
### Proposed Appointments

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Area Represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stephanie Chen</td>
<td>Greenlining Institute</td>
<td>Statewide</td>
</tr>
<tr>
<td>Stan Greschner</td>
<td>GRID Alternatives</td>
<td>Statewide</td>
</tr>
<tr>
<td>Angela Islas</td>
<td>Central Cal. Asthma Collaborative</td>
<td>Fresno, Madera, Merced Counties</td>
</tr>
<tr>
<td>Roger Lin</td>
<td>Center for Race, Poverty, and the Environment</td>
<td>San Joaquin Valley</td>
</tr>
<tr>
<td>Adriano Martinez</td>
<td>Earth Justice</td>
<td>Los Angeles County</td>
</tr>
<tr>
<td>Jodi Pincus</td>
<td>Rising Sun Energy Center</td>
<td>Greater Bay Area</td>
</tr>
<tr>
<td>Andres Ramirez</td>
<td>Pacoima Beautiful</td>
<td>Pacoima</td>
</tr>
<tr>
<td>Woodie Rucker-Hayes</td>
<td>NAACP, Riverside Branch</td>
<td>Riverside</td>
</tr>
<tr>
<td>Phoebe Seaton</td>
<td>Leadership Counsel for Justice and Accountability</td>
<td>San Joaquin Valley, Eastern Coachella Valley</td>
</tr>
<tr>
<td>Tyrone Williams</td>
<td>Sacramento Promise Zone</td>
<td>Sacramento</td>
</tr>
</tbody>
</table>

- Kevin Day, tribal chairman of the Tuolumne Me-Wuk Tribal Council, was selected by the Governor’s Tribal Liaison.
Next Steps

• The first Disadvantaged Communities Advisory Group meeting will take place in the first half of 2018.

• CPUC and CEC staff will onboard new members and provide information on programs and proceedings.
Item # 30 [16287] – Commissioner Martha Guzman Aceves and Commissioner Clifford Rechtschaffen Report Regarding Proposed Appointments to the Disadvantaged Communities Advisory Group

Discussion and Action on Proposed Appointments to the Disadvantaged Communities Advisory Group.
Regular Agenda – Commissioner Reports (continued)

Item # 31 [16293] – Commissioner Clifford Rechtschaffen Report Regarding Proposed Appointments to the Low Income Oversight Board

Discussion and Action on Proposed Appointments to the Disadvantaged Communities Advisory Group.
Low Income Oversight Board (LIOB)

- Established by the Legislature in 2001 (Pub. Util. Code 382.1)
- Eleven member advisory board
  - five public members represent low-income communities throughout CA
  - a commissioner or commissioner designee
  - private weatherization contractor
  - an electrical or gas corporation representative
  - a water corporation representative
  - member from Dept. of Community Services and Development (CSD)
  - member selected by the Governor
- Two-year terms, staggered
- LIOB meets quarterly at locations throughout the state
LIOB Charter

- Advise CPUC on low-income electric, gas, and water customer issues
- CPUC liaison to low-income ratepayers and representatives
- Assist in low-income customer “needs assessment”
- Help coordinate enrollment between low income programs, including energy and telecommunications
# LIOB Members

<table>
<thead>
<tr>
<th>RECOMMENDED</th>
<th>ACTIVE</th>
</tr>
</thead>
</table>
| Patricia Watts  
contractor, incumbent; FCI Management | Robert Castaneda  
chair, public; Proteus, Inc. |
| Larry Gross  
public, incumbent; Coalition for Economic Survival | Benito Delgado-Olson  
vice-chair, public; SupplyBank.Org |
| Jeffrey Linam  
water utility, incumbent; California American Water | Jason Wimbley  
CSD representative |
| Maria Stamas  
public, new member; Natural Resources Defense Council | Jose Atilio Hernandez  
public; IDEATE California |
| Charlie Toledo  
public; Suscol Intertribal Council | Lisa Davidson  
utility representative; Southern Ca Edison |
| Cliff Rechtschaffen  
commissioner | |
<table>
<thead>
<tr>
<th>Program</th>
<th>Purpose</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-family Affordable Solar Homes (SASH)</td>
<td>Provide incentives for solar technology on single and multifamily housing</td>
<td>SASH- Program is underway</td>
</tr>
<tr>
<td>Multifamily Affordable Solar Housing (MASH)</td>
<td></td>
<td>MASH- Total budget committed</td>
</tr>
<tr>
<td>Green Tariff Shared Renewables</td>
<td>Allows ratepayers to get 50 - 100% of electricity from solar. 100 MW set aside for DACs</td>
<td>Programs are underway</td>
</tr>
<tr>
<td>Energy Savings Assistance (ESA) Program</td>
<td>Provides no-cost weatherization services to low-income households</td>
<td>Programs are underway</td>
</tr>
<tr>
<td>California Alternate Rates for Energy (CARE)</td>
<td>Provides 30-35 percent discount on low-income customer bills</td>
<td>Programs are underway</td>
</tr>
<tr>
<td>Electric Vehicle Pilots</td>
<td>Allocates 10-15% of budget to DACs</td>
<td>Programs are underway</td>
</tr>
</tbody>
</table>
### Authorized ESA Program Budgets 2018-2020

<table>
<thead>
<tr>
<th>Provider</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG&amp;E</td>
<td>$195,648,098</td>
<td>$200,395,633</td>
<td>$209,612,246</td>
</tr>
<tr>
<td>SCE</td>
<td>$79,106,455</td>
<td>$81,481,677</td>
<td>$83,459,919</td>
</tr>
<tr>
<td>SDG&amp;E</td>
<td>$34,864,223</td>
<td>$35,412,350</td>
<td>$35,825,305</td>
</tr>
<tr>
<td>SoCalGas</td>
<td>$147,148,654</td>
<td>$156,588,878</td>
<td>$166,951,013</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$456,767,430</strong></td>
<td><strong>$473,878,538</strong></td>
<td><strong>$495,848,483</strong></td>
</tr>
</tbody>
</table>
New CPUC Programs for Disadvantaged Communities

<table>
<thead>
<tr>
<th>Program</th>
<th>Program Purpose</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disadvantaged Communities Advisory Group</td>
<td>Will advise CPUC and California Energy Commission on Clean Energy and Pollution Reduction programs</td>
<td>Members appointed by the CEC and CPUC. Meetings commence in 2018.</td>
</tr>
<tr>
<td>Multifamily Affordable Housing Solar Roofs Program (SOMAH)</td>
<td>Provides incentives for solar technology for multifamily housing in or outside DAC.</td>
<td>An RFP was released for contracting an administrator of this statewide program.</td>
</tr>
<tr>
<td>San Joaquin Valley Affordable Energy Proceeding</td>
<td>Examines affordable alternatives to existing propane and wood fuels within the San Joaquin Valley.</td>
<td>IOUs will implement pilots for up to 12 communities.</td>
</tr>
<tr>
<td>Alternatives for Expanding Solar in DAC (Proposed Decision)</td>
<td>Expand access to solar in DACs, generally for CARE/FERA customers</td>
<td>A proposed decision and the alternate have been issued proposing new green tariff, single family solar, and community solar programs.</td>
</tr>
</tbody>
</table>
## New CPUC Programs for Disadvantaged Communities (cont.)

<table>
<thead>
<tr>
<th>Program</th>
<th>Program Purpose</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy Storage</strong></td>
<td>Allocates 500 MWs of storage at the distribution level, with priority given to public sector and low-income customers.</td>
<td>IOU applications will be submitted on March 1.</td>
</tr>
<tr>
<td><strong>Self-Generation Incentive Program Equity Program Budget</strong></td>
<td>Provides incentives for (mostly) customer side storage for residents, non profits, and small businesses in disadvantaged communities and low income customers throughout State.</td>
<td>Budget approved in October 2017. Applications are being accepted and/or are under review.</td>
</tr>
<tr>
<td><strong>Demand Response</strong></td>
<td>Examines potential benefits from demand response pilots in disadvantaged communities.</td>
<td>Pilot proposals are under development.</td>
</tr>
<tr>
<td><strong>Electric Program Investment Charge (EPIC)</strong></td>
<td>EPIC - allocates 25% of budget to R&amp;D projects in disadvantaged communities. 10% of budget must be allocated to low-income communities. (AB 523, Reyes)</td>
<td>CEC Budget for third investment cycle approved in Jan 2018</td>
</tr>
<tr>
<td><strong>Natural Gas Research and Development Program</strong></td>
<td>NG R&amp;D –allocates a portion of budgets to projects in DACs</td>
<td>IOU 2018 Natural Gas R&amp;D Program Plan to be submitted in March.</td>
</tr>
</tbody>
</table>
Barriers to Access to Clean Energy

- 2016: CEC/CARB completed SB 350 Low-Income Barriers Study on barriers for disadvantaged/low income communities access to clean energy
  - Structural barriers include insufficient access to capital, low home ownership rates, remote communities
  - Policy/program barriers include data limitations on targeted communities and identify the need to streamline program offerings to communities
- 2017: Governor’s Office established the SB 350 Barriers Task Force
  - Purpose: for state agencies to closely coordinate in addressing barriers identified in SB 350 studies
  - CPUC participating in ongoing efforts to implement Task Force recommendations
Activities in 2018

• Disadvantaged Communities Advisory Group meetings
• Continued coordination with sister agencies to address SB 350 barriers
• Development of a high-level strategy to address disadvantaged communities within CPUC programs and proceedings
Water Division
Water Utilities School Lead Testing

• Amendment to **Domestic Water Supply Permit**
  – Issued by State Water Resources Control Board January 2017
  
  • Upon request by schools, requires all community water systems to test school drinking water for lead
    – Community Water System is any public water system that serves water year-round to at least 15 connections or a population of 25 people

• **Water systems are responsible for testing costs only**

• Schools are responsible for costs of corrective actions needed
  – Funding available from SWRCB

• Lead level limit < 15 ppb (parts per billion)

Quarterly reporting of testing progress for CPUC regulated water utilities
Current Status
(As of December 2017)

IOUs serve 2,000 Schools

545 Total Requests (27%)

394 Schools Tested
- 5 over limit
  - Corrective actions taken

Statewide (as of Feb 2018)
- 13,000 schools
- 2,261 requests/tested (17%)
Assembly Bill 746
Mandatory School Lead Testing

- Assemblywoman Lorena Gonzalez Fletcher
- Approved October 13, 2017
- Effective since January 1, 2018
- **Deadline July 1, 2019**
  - Requires all Community Water Systems serving a school built before 2010 to test for lead
  - If determined by Commission on State Mandates, schools will receive reimbursement for certain costs

By July 1, 2019, all CPUC regulated water utilities will have completed lead testing
Business and Community Outreach
Outreach Activities for Underserved Communities

• **Business and Community Outreach (BCO)**
  - Part of the News and Outreach Office
  - 5 Local Government Liaisons located throughout the state

• **Outreach Activities:**
  - Promote the CPUC’s policies, programs, and services
  - Serve as a liaison to the CPUC for local government officials
  - Encourage local government engagement and participation in decision-making

• **Outreach Priorities**: Target geographic areas (disadvantaged, tribal, legislative, etc.) and focus on key matters of importance recommended by CPUC leadership, including:
  - California Advanced Services Fund: Outreach to local officials, R.12-10-012 workshops, consortia liaisons
  - Rail Safety: Bring together BCO, Rail Safety staff, and local officials addressing safety issues in targeted geographic areas
  - Electric Vehicles: public engagement, outreach and participation
Disadvantaged Communities and Tribes

- **Disadvantaged Communities**: Targeted outreach to local governments and stakeholders in disadvantaged communities statewide.

- **Tribal Consultation**: Per Executive Order B-10-11, CPUC Tribal Consultation Policy was drafted and is under review. Policy should be finalized this spring.
  - Creates CPUC Tribal Liaison Role
  - Addresses confidentiality of tribal information
  - Per AB 52 establishes CEQA consultation process and defines procedure for tribes to receive advance notice of projects
  - Facilitates tribal government participation in proceedings and programs
  - Confirms timing of CEQA Consultation

- **SB 512 Outreach and Analysis**: SB 512 (P.U. Code 1711a) states that where feasible and appropriate, for non-adjudicatory proceedings deemed high-impact:
  - Liaisons will conduct direct outreach to those impacted and encourage proceeding participation.
  - BCO conducts ongoing weekly proceeding analysis and SB 512 outreach as needed
  - SB 512 Newsletter posted online ([www.cpuc.ca.gov/Outreach](http://www.cpuc.ca.gov/Outreach)) along with information on how to subscribe.