



AB 617- Energy Opportunities for Shafter



Sarah Sharpe
Senior Advisor, Commissioner Martha Guzman Aceves
California Public Utilities Commission (CPUC)
August 10, 2020





About the CPUC

- The CPUC regulates privately owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies.



Electric and
Natural Gas
Utilities



Communications



Rail



Passenger
& Moving



Water





Background

- Disadvantaged Communities Advisory Group (DACAG) joint group with Energy Commission- established March 2018
- CPUC Environmental Social Justice Action Plan- adopted February 2019





Intro

- AB 617 Report- November 25,2019 available at: www.cpuc.ca.gov/Guzman_Aceves/
- Clarify which Investor Owned Utility (IOU) Territory for each community
- Identify relevant IOU programs based on emissions profile and community priorities
- Increase coordination between CPUC, CARB and regional air districts.





COVID19 Protections

Implementing Resolution M-4842 and Residential and Small Commercial Customer Protections, including:

- (1) Disconnections moratoria,
- (2) Waiver of all deposits and late fees,
- (3) Payment plan options,
- (4) Support of low income and vulnerable populations through increased enrollment in CARE, FERA, medical baseline, and Energy Savings Assistance (ESA) programs,
- (5) Enhanced public outreach, and
- (6) CCA/DA/IOU cost recovery / sharing arrangements.

Complete listing of all COVID protections available at: <https://www.cpuc.ca.gov/covid19protections/>





Clean Energy Deployment - Net Energy Metering(NEM) for DACs

DAC-Community Solar (DAC-CS)

- Solar facility must be located in a top 25% DAC or San Joaquin Valley pilot community
- Open to residential customers in top 25% DACs within 5 miles of the solar facility (or 40 miles for SJV pilot communities)
- At least 50% of subscribers must be low-income
- Subscribers receive 20% discount on their overall electric bill
- Can serve up to 41 MW and 6800 customers statewide
- Sponsor must be a non-profit or local governmental entity (could be school or Community Choice Aggregator)
- PG&E just completed first cycle of RFO, selections announced soon.
- Another cycle planned this year





Zero-Emission Vehicle Deployment

- **Direct Current Fast Chargers (DCFC) Make Ready Program**
 - \$22.4M total budget, 5-year implementation
 - Install make-ready infrastructure at 54 sites to support 234 DCFC stations
 - 25% of sites must be located in a DAC
 - Provides up to \$25,000 rebate to sites to support the purchase of DCFC
 - Requires all DCFC to be publicly accessible
- **EV Charge Schools (AB 1082)**
 - \$5.76M total budget, 2-year implementation
 - 88-132 level 2 (L2) ports at 22 schools.
 - 40% of sites must be located in a DAC
 - Will target schools located in Alameda, Fresno, and San Joaquin counties, but can broaden outreach to other schools located in a DAC.
- **EV Charge Parks (AB 1083)**
 - \$5.54M total budget, 2-year implementation
 - 40 L2 ports and 3 DCFC at 15 state parks
 - 25% of sites must be located in a DAC
- **Empower EV - no DAC target, but all customers will be low-moderate income.**
 - \$4.13M total budget, 1-year implementation
 - Approximately 2,000 L2 chargers and 800 panel upgrades.
 - Provides a \$500 point of sale rebate for low-moderate income (LMI) customers to purchase and install residential L2 chargers and \$2,000 rebate for a panel upgrades.
 - Income threshold defined by customers at or under 400% of the Federal Poverty Level.
 - Available to home owners and tenants living at a rental property.
 - PG&E will partner with Community Based Organizations to perform outreach to LMI customers.
- If you also interested in medium duty/heavy duty programs, below is some information on PG&E's Fleet Ready program
- **Fleet Ready**
 - \$236M total budget, 5-year implementation
 - Minimum 700 sites and support the electrification of at least 6,500 MD/HD fleet vehicles
 - 25% of program budget must be spent on infrastructure installed in a DAC
 - 50% of EVSE cost rebate for DAC sites and sites that will support electric school and transit buses.





CPUC Former & Future Pilots & Programs

Clean Energy Deployment

- San Joaquin Valley (SJV) Proceeding Phase III
- SB 1477 Building Decarbonization Pilots
 - Building Initiative for Low-Emissions Development (BUILD)
 - Technology and Equipment for Clean Heating (TECH)

Zero-Emission Vehicle Deployment

- SB 350 Transportation Electrification Plug-in Electric Vehicle (PEV) Submetering Pilot
- PG&E and SCE Demand Response Pilots
- Department of Defense Vehicle-to-Grid (V2G) PilotProjects

Demand Response

- Disadvantaged Communities Demand Response (DAC-DR) Pilot- South Fresno

Agriculture Programs

- Dairy Biomethane Pilot Program
- Agricultural Internal Combustion Engine Conversion Incentive (AG-ICE)





Questions?



Sarah Sharpe
Sarah.Sharpe@cpuc.ca.gov
(559)355-8933





CPUC Program Options to Promote Clean Energy and Reduce Air Pollution in AB 617 Environmental and Social Justice Communities

The Office of California Public Utilities Commission (CPUC) [Commissioner Martha Guzman Aceves](#) has issued a report on agency program options with the potential to expand the benefits of clean energy and help reduce emissions in Assembly Bill (AB) 617 communities.

EXECUTIVE SUMMARY

This report develops a typology of air pollution source sectors affecting the initial 10 communities selected pursuant to AB 617 for air monitoring and community emissions reduction programs through the [California Air Resources Board \(CARB\)'s Community Air Protection Program](#). The typology organizes the key pollution sources identified in each community's air monitoring and emissions reduction programs and is used to identify programs of the CPUC with the potential to reduce emissions and promote clean energy in each community. Pending and former CPUC programs with potential applications for the relevant emission source sectors are also discussed as policy opportunities for consideration.

Although this report is primarily a guide for regional air districts to navigate CPUC program options for reducing emissions, recommendations for regional and state decisionmakers are also offered. Whereas this document identifies CPUC program options with relevance to the challenges faced by AB 617 communities, additional analysis is needed at the community level to evaluate the effectiveness and the cost implications of each program.



The implementation of the Community Air Protection Program comes at a critical juncture for the CPUC with the CPUC's recent adoption of its [Environmental and Social Justice Action Plan](#) and its expanded focus on serving the needs of disadvantaged communities (DACs) pursuant to Senate Bill (SB) 350. As regional air districts prepare to implement their proposed plans for the Program's first-year and CARB prepares to consider selection of additional communities, there is a significant role for the CPUC to collaborate with CARB and the air districts while considering how to leverage agency programs to improve environmental and social justice outcomes statewide.

Download the report at: <https://www.cpuc.ca.gov/GuzmanAceves/>

CONTACT

For more information, please contact:

Deidre Cyprian
Special Projects Manager
Executive Director's Office
CA Public Utilities Commission
300 Capitol Mall
Sacramento, CA 95814
Deidre.Cyprian@cpuc.ca.gov

CURRENT PROGRAMS

The following programs may be available to provide benefits in AB 617 ESJ communities:

Clean Energy Deployment

- Solar on Multifamily Affordable Housing (SOMAH)
- DAC-Single Family Solar Homes (DAC-SASH)
- DAC-Green Tariff (DAC-GT)
- Green Tariff Shared Renewables (GTSR) in DACs
- Community Solar Green Tariff (CSGT)
- California Solar Initiative Thermal (CSI-T)
- Self-Generation Incentive Program (SGIP)
- Electric Program Investment Charge (EPIC)

Low-Emission Nonrenewables

- Net Energy Metering Fuel Cell (NEMFC)

Zero-Emission Vehicle Deployment

- Plug-in Electric Vehicle (PEV) Time-of-Use Rates
- Low-Carbon Fuel Standard PEV Rates
- SDG&E Champions for Clean Air
- SB 350 Electrification Projects
- EV Infrastructure Pilot Programs: Power Your Drive, Charge Ready, EV Charge Network
- Infrastructure Pilot Programs at Schools and State Parks and Beaches

Energy Efficiency

- Energy Savings Assistance (ESA)
- Utility Energy Efficiency Programs

Demand Response

- DAC-Demand Response (DAC-DR)