

## DOCKETED

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# Utility Efforts to Improve Clean Energy Access for Low Income Customers



**Melicia Charles, CPUC**  
**Low Income Barriers Workshop**

August 1, 2017





# CPUC Programs Targeting Low Income Customers

- CPUC has a number of energy programs targeting low income households

Low Income Assistance Programs	
California Alternate Rates for Energy (CARE)	Provides 30-35% discount on electric bill and 20% on gas bill for income qualified customers
Family Electric Rate Assistance Program (FERA)	Provides lower rates for electricity usage
Energy Savings Assistance (ESA) Program	Provides no-cost weatherization measures to qualified households
Single-family Affordable Solar Homes (SASH) Program	Provides financial incentives for installing solar for low-income, single-family housing
Multifamily Affordable Solar Homes (MASH) Program	Provides financial incentives for installing solar on multifamily affordable housing
California Solar Initiative Solar Thermal Program	Provides financial incentives for installing solar water heating in low income single and multifamily households





# SB 350: The Clean Energy and Pollution Reductions Act of 2015

- Goal: Reduce GHG emissions from 1990 levels 40% by 2030, and reduce other air pollutants through:
  - Encouraging resource optimization via an Integrated Resource Planning (IRP) process
  - Increasing Renewable Requirements from 33% by 2020 to 50% by 2030
  - Doubling of Energy Efficiency savings by 2030
  - Encouraging transportation electrification to reduce economy wide GHGs
- SB 350 places an early priority on disadvantaged communities





# SB 350 Consideration of Disadvantaged Communities

- Requirements
  - Consider impacts on Disadvantaged Communities in CPUC decision making processes
  - Prioritize air quality improvements
  - Target economic benefits (e.g. energy savings, jobs)
  - Include voices from Disadvantaged Communities in decision making





# Transportation Electrification Program Activities

- EV Infrastructure Pilots
  - Purpose: to install 12,500 chargers in PG&E, SCE and SDG&E territories
  - Budget: \$197 million
    - 10-15% allocated to disadvantaged communities
- Transportation Electrification applications
  - Purpose: to encourage widespread TE per SB 350
  - Proposed budget: \$1 billion+
    - IOUs proposed over 30 projects including
      - Projects in the Port of Long Beach
      - Projects for the medium/heavy duty vehicle sector for transit corridors
      - Projects with bus fleets





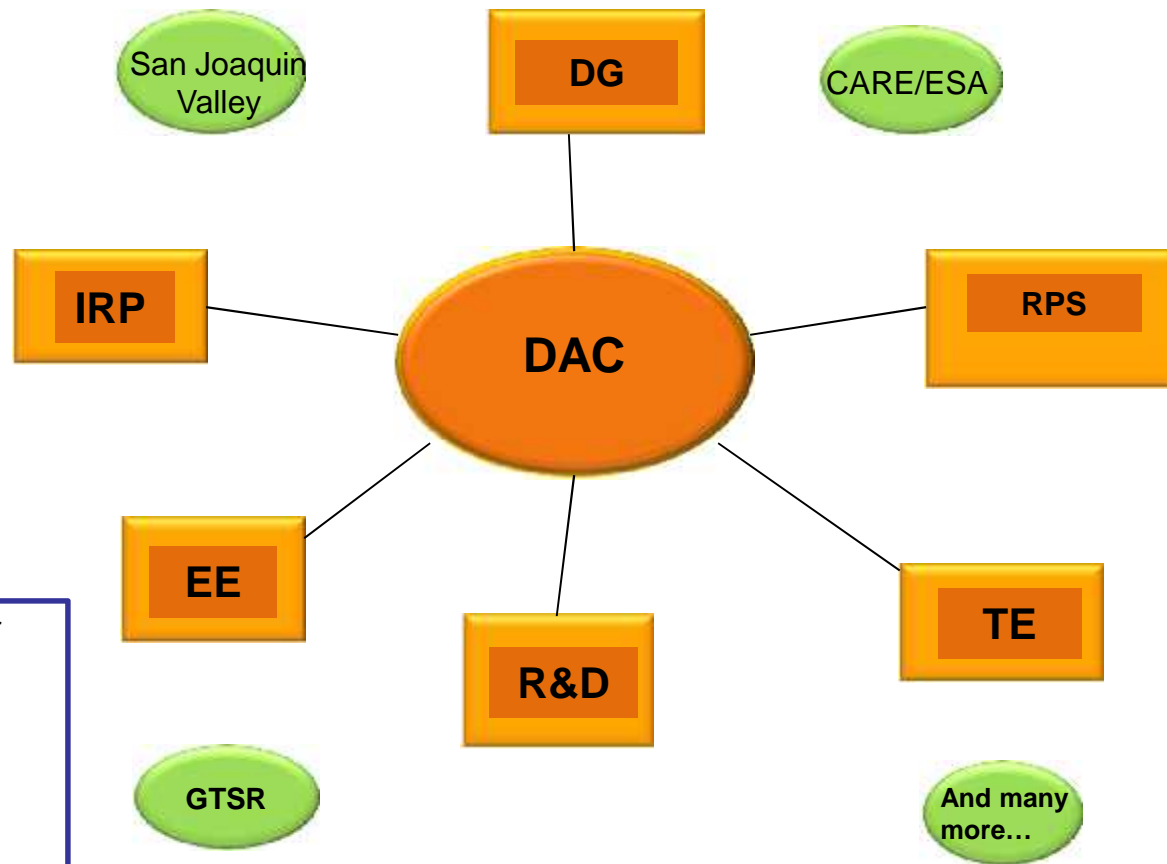
# AB 2672

- CPUC opened a proceeding to increase access to affordable energy in San Joaquin Valley
- Provides guidance with flexibility to analyze a wide array of options to achieve statutory purpose, including:
  - Extending natural gas lines
  - Increasing electric subsidies
  - Other alternatives
- Stakeholder meetings have been held this summer and CPUC is commencing data collection and analysis phase of proceeding





# Disadvantaged Communities Proceedings



- Distributed **G**eneration (customer solar)
- Renewables **P**rocurement
- Transportation **E**lectrification
- Research and **D**evelopment
- Energy **E**fficiency
- Integrated **R**esources **P**lanning
- Energy **S**avings **A**ssistance
- **G**reen **T**ariff **S**hared **R**enewables
- San Joaquin/ Affordable Energy







# Questions to consider

1. How has SB 350 and other recent DAC legislation changed activities related to DACs?
2. How are low income customers targeted within specific communities?
3. How do IOUs, POUUs and CCAs build trust within communities?
4. How are community advisory groups leveraged?





**Thank you!**  
**For Additional Information:**  
**<http://www.cpuc.ca.gov/discom/>**





# Back Up Slides





# SB 350 Implementation

Statute	Proceeding/ Program	Goals for DACs	Status
PUC 399.13(a)(7)	Procuring renewable resources: RPS	Give preference to renewables procurement that provide economic/environmental benefits in communities either afflicted by low income/high unemployment or high emissions.	CPUC is considering how to include this requirement within the RPS program.
PUC 400(a)	Distributed Generation (e.g. CSI, SGIP, MAHSR/NEM)	Take into account economic and environmental benefits of DG.	CPUC is reviewing comments on how to increase DG in disadvantaged communities.
PUC 400(d)	R&D Programs	Make recommendations to advance clean energy and pollution reduction objectives and provide benefits.	CEC designated 25% of funds in current EPIC Investment Plan. CEC included projects in Natural Gas R&D Program.
PUC 400(g)	Create Advisory Group with CEC	Include DACs in decision making on Clean Energy and Pollution Reduction programs.	Staff proposal with recommendations on the structure of the Advisory Group will be issued in July.





# SB 350 Implementation

	Proceeding/ Program	Goals for DACs	Status
PUC 454.5 (b)(9)(D)(i)	Gas-fired generators in DACs	Give preference to procurement of resources that aren't gas-fired generators in communities with high pollution burdens.	IOUs must make a showing that they complied with this statute when requesting approval for gas-fired generation.
PUC 454.52 (a)(1)	Integrated Resource Plan (IRP)	Long term energy resource planning must minimize GHG and air pollutants with early priority in DAC.	Energy Division staff issued a staff proposal proposing guidelines for consideration of disadvantaged communities.





# SB 350 Implementation

	Proceeding/ Program	Goals for DACs	Status
PUC 454.55(a)(2) and 454.56(d)	Energy Efficiency	Maximize gas and electric savings in disadvantaged communities Report on progress due in 2019.	CPUC is reviewing business plan applications for maximizing savings in disadvantaged communities.
PUC 740.12(b)	Transportation Electrification (TE)	IOUs must file applications for programs and investments to accelerate transportation electrification.	Large IOUs submitted plans proposing \$1B in investments in TE. Small IOUs submitted plans in June.





# Other Statutes Targeting Disadvantaged Communities

Statute	Proceeding/ Program	Goals impacting DACs	Status
<p style="text-align: center;"><b>PUC 783.5</b></p>	<p>San Joaquin Valley: affordable energy options to replace heating fuels</p>	<p>Disadvantaged Community, defined as: 25% of HH with electric service have CARE; community &gt;100; not &gt; 7 miles from IOU gas line; in 8 specified counties.</p>	<p>Stakeholder meeting will be held this month. ORA proposed a data gather framework – CPUC currently reviewing comments.</p>
<p style="text-align: center;"><b>PUC 2833(b)</b></p>	<p>Green Tariff Shared Renewables (GTSR)</p>	<p>100 MW set aside for disadvantaged communities.</p>	<p>A solicitation for new projects is currently underway.</p>

