

DOCKETED

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Coordinate CEC efforts

with:

Rulemaking to Modernize the Electric Grid for a High Distributed Energy Resources Future Track 2 (Distribution System Operator Roles and Responsibilities) Kickoff Workshop

Proposed Process Amendments to Center Community Engagement and
Achieve Environmental and Social Justice Goals

May 3, 2022



To Meet SB 100, Drive DER Growth *From the Ground Up*

- In the [CPUC's Order](#) initiating the High DER proceeding:

“California’s **Transportation Electrification and climate goals** are expected to result in millions of Electric Vehicles and Electric Vehicle Supply Equipment Distributed Energy Resources (DER) by 2030”

“**California policies, programs, and incentives** (e.g. Net Energy Metering and the Self Generation Incentive Program) continue to drive DER expansion . . . **Legislation** aimed at reducing GHGs from buildings, Commission proceedings, and **local reach codes** are likely to further drive electrification”

“This Order Instituting Rulemaking **anticipates a high-penetration DER future**”

- In the [CEC's Order Instituting Informational Proceeding](#) In the Matter of DERs in CA's Energy Future:

“California has embraced the adoption of **DER as an important strategy to meet its commitments** to increase renewable and zero-carbon resources and support transportation and building electrification”

Grid Inequality/Equitable Deployment

- Disadvantaged Communities (DAC) face “systematically lower circuit hosting capacity for PV” relative to non-DAC communities.
- Targeted grid (or non-wire) investments?

To achieve a high DER future, “there is an opportunity to **put at the front of the queue** communities with historically low DER adoption rates . . .”

- Inequitable Access to Distributed Energy Resources Due to Grid Infrastructure Limits in California (September 2021) Brockway, Conde and Callaway.

Ensure *Meaningful* Community Engagement

- How can a High DER future serve the needs of DAC residents?
 - Community priorities for decarbonization?
 - Community ownership and other economic development opportunities?
 - *Are these needs or opportunities reflected in **cost-effectiveness** analyses?*
- The **CPUC/CEC manages** and starts the engagement process **as soon as possible**.
- Engagement should go further and lead to **partnerships**, but with **who?**
 - Traditional approach: partner with community-based organizations in **liaison role**
 - Who else in the DAC **to deploy DERs** (e.g. schools, churches, clinics, community centers)?

Why Community Engagement on DERs?

- These are **the resources** that could present solutions for DACs to meet SB 100
 - distributed generation (e.g. rooftop or community solar) and storage,
 - electric vehicles and charging stations (public transit?),
 - grid-interactive buildings and microgrids, as well as
 - more traditional demand response resources and energy efficiency strategies
 - *Emphasizes need to identify DAC entities to deploy these resources*
- Fix Outdated Cost-effectiveness Tests
 - Identify community needs for DERs: **Non-Energy Benefits** (e.g. resiliency, affordability, local public health improvements)
 - Definition of “**Benefit to DAC**”

Determine how to Fund Community Engagement

Funding for Typical Participants in Energy Decisions	Funding for Community Engagement
CPUC Intervenor Compensation Program	(Practically eliminated due to administrative difficulty, duration and Public Advocates Office opposition – Pilot Team CBOs/CPUC SJV Proceeding)
	CPUC Community Engagement Funding Pilot Program (on hold indefinitely)
\$4 million from Administrative Law Judge Ruling Modifying the Distribution Investment Deferral Framework Process (R.14-08-013)	(Balance remaining for community engagement?)
IOU Procurement Review (Advisory) Group R.01-10-024: peer reviewers working with the IOUs on an on-going basis as the utilities design and implement their procurement plans. Members consist of consumer and ratepayer groups, funded through Intervenor Compensation	(By comparison, Intervenor Compensation is not available to DAC Advisory Group members)
Significant funding options for participation	Need other sources: EPIC? State Budget/May Revise? Future CPUC Decision?