California Public Utilities Commission Rulemaking (R.) 13-11-007

SB 350 Transportation Electrification Market and Policy Overview, and Application Guidance Workshop

April 29, 2016

Auditorium, 505 Van Ness Avenue, San Francisco, CA 94102

Goals & Objectives:

- Educate stakeholders on Transportation Electrification and the goals of Senate Bill 350
- Identify potential linkages between the State's regulatory, planning, R&D, and market initiatives
- Present CPUC's Preliminary Guidance on utility applications filed pursuant to P.U. Code §740.12
- Allow stakeholders to provide informal feedback before filing comments in the Rulemaking

Time	Topic and Speaker
9:30-10:00	Welcome and Overview
	Commissioner Carla Peterman, Governor's Senior Advisor Cliff Rechtschaffen,
	CAISO Board of Governors Mark Ferron, Administrative Law Judge John Wong
10:00-10:25	Case Studies of Local and Regional Transportation Planning
	Rebecca Lee, Policy & Planning Division
	• Q/A (5 min)
10:25-10:30	Break
10:30-11:15	Environmental and Grid Assessments of Electrified Transportation
	 <u>Environmental Assessment of a Full Electric Transportation Portfolio</u> (Marcus
	Alexander, EPRI and Roland Hwang, NRDC)
	California Transportation Electrification Assessment: Commercial and Non-Road
	Grid Impacts (Jeffrey Rosenfeld, ICF and Eric Cutter, E3)
	• Q/A (15 min)
11:15-12:00	California Initiatives (Part 1)
	 Air Resources Board – <u>Mobile Source Strategy</u>, <u>Advanced Clean Cars</u>, &
	Advanced Clean Transit (Analisa Bevan, Tony Brasil, Cody Howard)
	• Q/A (15 min)
12:00-1:00	Lunch
1:00-1:45	California Initiatives (Part 2)
	Energy Commission – Energy Demand Analysis, Infrastructure Corridors &
	Strategic Placements for 1M ZEVs, Medium- and Heavy-Duty Research &
	<u>Development</u> (Tim Olson, Chris Kavalec, Leslie Baroody)
	Independent System Operator – <u>Energy Storage & Distributed Energy Resources</u> The state of the stat
	Initiative (Delphine Hou)
4 45 2 45	• Q/A (10 min)
1:45-2:15	Overview of SB 350 and CPUC Staff Proposed Guidance on Utility Applications
2.45.2.20	Noel Crisostomo and Amy Mesrobian, Energy Division
2:15-2:20	Break
2:20-3:05	Strategies to Fuel the Future: Initial Responses to March 30 Amended Scoping Ruling
	San Diego Gas & Electric – Mike Schneider San Diego Gas & Electric – Mike Schneider
	Southern California Edison – Laura Renger Resifica Casa 9 Startista Laura Casa
2.05.2.55	Pacific Gas & Electric – Jana Corey CRUC Facilitate d Discussion
3:05-3:55	CPUC Facilitated Discussion
2.55.4.00	Q/A for the Utilities and Energy Division
3:55-4:00	Next Steps in the Rulemaking & Wrap-Up

Join WebEx meeting

Meeting number: 742 589 801 Meeting password: Energy1

Call: 866-811-6884 Passcode: 8742156 If you have questions, contact Energy Division:

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For more information visit CPUC's Zero Emission

Vehicles Page

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(Excerpted from March 30, 2016 Amended Scoping Memo & Ruling)

Application Guidance Straw Proposal

- 1. Applications should propose 2-5 year pilots and/or programs with associated budgets.
- 2. Initiatives may be regional or statewide, but must consider regional transportation conditions and plans and leverage federal funds.
- 3. Applications must:
 - a. Minimize cost and maximize benefit.
 - i. Account for ratepayer interest as defined in Section 740.8.
 - ii. Protect/promote competitive markets and complement private investments.
 - iii. Prioritize sectors with high emissions reduction potentials.
 - 1. Consider potential for technology maturation and market transformation.
 - 2. Leverage natural turnover and high-impact decision-makers.
 - b. Align with California policies.
 - Complement, inform, and coordinate with existing state agency initiatives at the California Energy Commission (CEC) and ARB (and other agencies), Governor's Executive Orders (B-16-2012, B-30-15, and B-32-15)/International ZEV Alliance, and CAISO initiatives, specifically:
 - 1. Coordinate with Regional Plans (SB 375, Fixing America's Surface Transportation "FAST" Act) & Infrastructure Readiness Plans (AB 8, AB 118).
 - 2. Coordinate with standardization efforts (SB 454, P.U. Code 740.2).
 - 3. Coordinate with other SB 350 initiatives, the California Vehicle-Grid Integration Roadmap, and CAISO distributed resource proceedings (e.g. ESDER, DERP).
 - 4. Coordinate with CEC and ARB research and forecasting initiatives, demonstration and pilot programs, and outreach and education activities.
 - 5. Promote diversity in customer and community access, economic development, and supply chain development (SB 1275, SB 535, CPUC and CEC's supplier diversity goals).
 - ii. Complement, inform, and coordinate with other CPUC initiatives.
 - 1. E.g., Integrated Resource Plans, Distributed Resource Planning, Integration of Distributed Energy Resources, Time-Of-Use, Energy Storage, Demand Response, Electric Program Investment Charge, etc.
 - c. Fit with CPUC and IOU/core competencies and capabilities
 - d. Ensure driver, customer, and worker safety.