



California Public Utilities Commission Alternative-Fueled Vehicle Rulemaking (R.09-08-009)



Commissioner Rachelle B. Chong
California Public Utilities Commission

California Energy Commission

Alternative and Renewable Fuel and Vehicle Technology Program Workshop

October 12, 2009





Rulemaking Initiated in Anticipation of Electric Vehicles Entering the Market

- At least 10 to 15 new electric vehicle models are expected to enter the California market by 2015
- Electric and natural gas vehicles can help California meet its greenhouse gas reduction goals
- Infrastructure and rates need to be developed to manage the impacts of electric vehicles on the electric grid





Developing Charging Infrastructure and Utility Rates

- **Infrastructure**

- Metering arrangements for residential and commercial charging
- Timing of distribution system upgrades
- Who pays for charging infrastructure and distribution system upgrades
- How to encourage competition and innovation in the charging infrastructure market
- The role of utilities and independent charging companies

- **Electric and natural gas rates for vehicles**

- Review existing utility rates for electric vehicles and natural gas vehicles
- Ensure that rates are aligned with system costs and benefits
- Rates for commercial and public charging
- Rates and billing arrangements for customers traveling across different utility service territories





Programs and Legal Issues

- Programs
 - Consider incentives for fueling infrastructure
 - Consider incentives for the purchase of electric and natural gas vehicles
 - Ensure a level playing field for transportation fuels and technologies
- Legal Issues
 - Regulatory treatment of third-party electric vehicle service providers (Provisions of PU Codes 216 and 218)
 - Impact of residential rate freeze on electric vehicle rates (AB 1X)





How to Participate

- File comments on rulemaking questions
 - Opening comments due October 5, 2009
 - Reply comments due November 6, 2009
- Attend and participate in workshops
- Get on the service list to receive documents related to the rulemaking





Where to Get Further Information

CPUC Alternative-Fueled Vehicle webpage:

http://www.cpuc.ca.gov/PUC/hottopics/1Energy/090814_ev.htm

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