



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



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What is the California Public Utilities Commission (CPUC)?

- Regulates privately owned telecommunications, electric, natural gas, water, railroad, rail transit and passenger transportation companies such as moving companies, limousines and charter buses
- Dedicated to ensure that consumers have safe, reliable utility service at reasonable rates, protecting against fraud, and promoting the health of California's economy
- Board is comprised of five commissioners who serve staggered six-year terms. The commissioners are appointed by the Governor and confirmed by the California Senate.
- Headquartered in San Francisco





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





Issues to be Examined

- Programs
 - Consider incentives for charging 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)





Areas Where State/Local Collaboration Would Help

- Development of commercial and public charging infrastructure
- Streamlining the permitting and installation of residential charging equipment
- Coordination between investor-owned and publicly-owned utilities
- Other areas?





How to Participate

- File comments
 - 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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