

Investigation of a Feebate Program for New Passenger Vehicles in California

Research Proposal

University of California, Davis

December 12, 2008

California Environmental Protection Agency



Air Resources Board

Background

- A feebate program combines rebates for lower-emitting new vehicles and surcharges for higher-emitting new vehicles
 - Revenue neutral and self-financing
- AB 32 specifies if Pavley standards are not in effect, ARB “shall implement alternative regulations to control mobile sources of greenhouse gas emissions to achieve equivalent or greater reductions”

Expected Results

- Assessment of benefits of a feebate program in place of and in addition to Pavley standards
 - Lessons learned
 - Consumer, dealer, and manufacturer response
 - Development of Feebate Analysis Model
 - Program design options and policy implications

Research Team

- Dr. David Greene, Project Lead
 - Visiting Researcher, UC Davis Institute of Transportation Studies and Corporate Fellow, Oak Ridge National Labs
- Prof. David Bunch, Co-Principal Investigator
 - UC Davis Graduate School of Management
- Additional researchers from UC Davis, UC Berkeley Transportation Sustainability Research Center and UC Irvine

Proposal Details

- Total ARB Funding: \$796,641
- Average Overhead Rate: 10%
- Contract duration: 16 months
- Proposal has been approved by Board's Research Screening Committee (RSC)
- ARB hosted public consultation meeting in November for stakeholders to discuss research approach with researchers

RECOMMENDATION

**Approve Resolution
08-48**