Judy Yee
ZEV Implementation Section
California Air Resources Board

A Zero Emission Vehicle (ZEV) Incentive Program for Fleets

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Outline

- Background
- Key Program Elements
- Eligible Vehicles
- State Incentives Summary
- Schedule
- Contact Information

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Background

- Legislative Direction
- Air Resources Board (ARB) Policy
- Program Goals
- Program Implementation

Legislative Direction

- FY 2001 Budget Act provided for a ZEV incentive program for fleets operating in nonattainment areas
- Use a competitive process
- Give preference to communities impacted by poorest air quality
  - Including low income and communities of color

ARB Policy

- Integrate environmental justice principles into all ARB programs
  - Adopted broad ranging environmental justice policies in Dec. 2001
  - Coordinate with California's 35 air districts
  - Recognize importance of incentive programs

Program Goals

- In April 2002, Board approved program guidelines
  - Meet Legislative/Budget Act intent
  - Encourage projects that include education component
  - Support full-function battery electric vehicles

Program Implementation

- ARB staff available to assist local air agencies with environmental justice criteria
- Baseline allocations of grant funds to eligible state ozone nonattainment areas
- Pre-solicitation workshops with District Program Partners

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Key Program Elements

- Pre-Solicitation Workshops
- Application and Project Proposal Solicitation Period
- Grant Awards
- Project Implementation and Vehicle Payments

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Overview of Competitive Process

- Accept applications during solicitation period
- Determine applicant and project eligibility
- Evaluate and rank projects
- Award grants

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Eligibility

- Applicant operates or provides administration for eligible fleet(s)
  - existing fleet with two or more vehicles
  - located/operates in an area not in attainment with State ozone standard
  - vehicles to be garaged/used in area that meets local environmental justice criteria
- Project to use eligible vehicles
- Project administration (large projects)

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Evaluation Criteria

- Environmental justice criteria
- Vehicle miles traveled
- Public education
- Partnerships
- Vehicle use/application

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Evaluation and Scoring

- All eligible projects evaluated and scored according to Evaluation Criteria
- Scores weighed
  - 30% District Program Partners
  - 70% ARB Technical Review Committee
- Minimum score of 55-70 points required

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Ranking and Grant Awards

- If project proposals exceed funds, they will be ranked by score
  - community-size projects
  - fleet-size projects
- Oversight by ARB Executive Officer
- Grant agreements to hold funds
  - up to 12 months allowed for vehicle delivery
  - grant payments made in full

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Current List of Eligible Vehicles

- Ford Ranger EV
- Ford TH!NK *city*
- Nissan Altra
- Toyota RAV4 EV

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Ford Ranger EV

- Introduced 1998
- Pb Acid or NiMH batteries
- 90 horsepower
- 2-seat, 2-door
- 50-70 mile real world range

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Ford TH!NK *city*

- Introduced 2001 European model
- NiCd batteries
- 56 mph top speed
- 2-seat, 2-door
- 40-50 mile real world range

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Nissan Altra

- Introduced 1998
- Lithium-ion batteries
- 4-seat, 4-door
- 83 horsepower
- 60-80 mile real world range

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Toyota RAV4 EV

- Introduced Fall 1997
- NiMH batteries
- 67 horsepower
- 5-seat, 4-door
- 80-100 mile real world range

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ZEV Incentives Summary

Vehicle Category	Grant Amount		
	ZIP I	ZIP II	Fleet
	10/2000-12/2002	5/2002-6/2004	5/2002-6/2004
Full Function ZEV	Up to $9,000	$5,000	$11,000
City ZEV	None	$3,500	$5,000
Neighborhood ZEV	None	$1,000	$1,500
Zero-Emission Motorcycle (ZEM)	None	Up to $2,000	Up to $3,000

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Schedule

- Pre-solicitation workshops
- First solicitation held late Sept. 2002
  - 60 day period
- Grant awards in early-mid Dec. 2002
- Second solicitation held Spring 2003

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Contact Information

zevinfo.com

Judy Yee

jyee@arb.cagov

(916) 327-5610

(866) 808-0189

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