



AB 118: Air Quality Improvement Program Public Workshops

Sacramento, CA	El Monte, CA	Fresno, CA
April 8, 2010	April 13, 2010	April 20, 2010

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
 **Air Resources Board**

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Presentation Outline

- Status of FY 2009-10 AQIP projects
- Summary of draft FY 2010-11 funding targets
- Project category discussions
- Funding contingencies
- Comments and discussion

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Status of FY09-10 Projects		
Project	Consumer Launch	FY09-10 Awards
HVIP	Feb. 2010	\$20.4M
Clean Vehicle Rebate	March 2010	\$4.1M
Agricultural UTV Rebate	April 2010	\$1.1M
Lawn & Garden	March 2010	\$1.6M
Locomotive Demo	March 2010 solicitation	\$0.8M
Marine Demo	Spring 2010 solicitation	\$Up to 1M
Other Demos	Deferred until FY10-11	N/A
Total Funding Based on Revenues		\$29M

Draft FY 2010-11 Funding Targets		
Project Category	Allocation \$ Millions	% of AQIP Budget
Hybrid Truck & Bus Voucher Incentive (HVIP)	25	62.5
Clean Vehicle Rebate	5	12.5
Lawn & Garden Equip. Replacement (LGER)	1	2.5
Zero-Emission Agricultural UTV Rebate	0.5	1.2
Off-Road Hybrid Pilot 	3	7.5
Advanced Technology Demonstrations	5.5	13.7
TOTAL	\$40M	



Main Funding Plan Concepts

- Continue existing categories
- Use approved guiding principles
- Introduce new category to pilot hybrid off-road equipment
- Prioritize demo projects deferred from last year's Funding Plan

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Hybrid Truck & Bus Voucher Incentive Project (HVIP)

Funding Target: Up to \$25M

Synopsis: Consumer voucher for about half the incremental cost of a new hybrid truck or bus

Proposed Modifications for FY 2010-11:

- Vehicle voucher amounts
- Zero-emission commercial vehicles
- Hybrid vehicle testing
- Hybrid vehicle certification

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HVIP Statistics			
Location	Vehicles	GVWR	Vehicles
South Coast	147	10,001-14,000	0
Bay Area	97	14,001-26,000	104
San Joaquin	28	26,001-33,000	43
San Diego	18	33,000+	156
Ventura	5	Avg. Voucher Amount	
Sacramento	5	\$28,680.00	
Monterey	2	Last Updated 3/19/10	
Santa Barbara	1		
TOTAL	303		



HVIP Proposed Modifications for FY 2010-11

Vehicle Voucher Amounts

- Consider increasing voucher from \$10,000 to \$15,000 for lowest weight category
- Split the 33,000+ lbs weight category:
 - 33,001 to 38,000 lbs = \$30,000 voucher
 - 38,001+ lbs = \$35,000 voucher



HVIP Proposed Modifications (Cont'd)

Zero-Emission Commercial Vehicles

- Move to HVIP from the Clean Vehicle Rebate Project

Hybrid Vehicle Testing

- Allow up to 5% of HVIP funds for emissions testing and data collection

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HVIP Proposed Modifications (Cont'd)

Hybrid Vehicle Certification

- May require vehicle certification for HVIP eligibility
- Final decision will be made in consultation with the HVIP Work Group prior to release of the solicitation

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Clean Vehicle Rebate Project (CVRP)

Funding Target: Up to \$5M

Synopsis: Consumer rebate for zero-emission and plug-in hybrid passenger vehicles

Proposed Modifications for FY 2010-11:

- Allow a vehicle waiting list if consumer demand exceeds rebate availability
- Shift zero-emission commercial vehicles to HVIP
- Contingency process to address demand uncertainty

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Lawn & Garden Equipment Replacement Project (LGER)

Funding Target: Up to \$1M

Synopsis: Augment non-attainment air districts' lawn and garden equipment replacement programs.

Proposed Modifications for FY 2010-11:

- Add solicitation scoring criterion that benefits air districts who spend the majority of FY 2009-10 funds
- Match funding must be new funds
- New option for districts to use AQIP funds for gas can trade-in and to fund other zero-emission equipment



Agricultural UTV Rebate Project

Funding Target: Up to \$0.5M

Synopsis: Rebate to California growers for 15% of the MSRP on new zero-emission all terrain vehicles and utility vehicles (UTVs)

Proposed Modifications for FY 2010-11:

- Consider changes to rebate amount if justified
- Allow a vehicle waiting list if consumer demand exceeds rebate availability
- Contingency process to address demand uncertainty



Off-Road Hybrid Equipment Pilot Project

Funding Target: Up to \$3M

Synopsis: Accelerate early deployment and evaluate emission benefits of off-road hybrid equipment; lays groundwork for future off-road equipment vouchers

Proposal for FY 2010-11:

- Fund about half the incremental cost of off-road hybrid equipment
- Consider including hybrid or electric Power Take-Off in on-road vehicles



Demonstration Projects

Funding Target: Up to \$5.5M

Synopsis: Demonstrate advanced technology vehicles, equipment and emission controls to accelerate commercialization and deployment in California

Proposed Modifications for FY 2010-11:

- Prioritize projects deferred from last year
- Combine agriculture and off-road categories
- Refine transit and school bus projects
- Retain flexibility to fund new technologies not yet identified

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Funding Contingencies

- Establish minimum allocations for each project category
- Give Executive Officer flexibility to change allocations as revenues and project needs dictate
- Establish decision points for making allocation decisions

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Next Steps	
Release proposed 2010-11 AQIP Funding Plan	May 24, 2010
Board meeting	June 24-25, 2010
FY 2010-11 project solicitations	Fall 2010

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Information Sources

AQIP website
www.arb.ca.gov/msprog/aqip/aqip.htm

CEC AB 118 website
www.energy.ca.gov/altfuels/index.html

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Comments and Discussion

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