South Sacramento – Florin Community Air Protection Steering Committee Meeting

August 27, 2019
Location: Florin Creek Recreation Center
7460 Persimmon Ave, Sacramento, CA 95823
<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
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<tbody>
<tr>
<td>6:00 – 6:05</td>
<td>Welcome/Introductions</td>
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<tr>
<td>6:05 – 6:20</td>
<td>Administrative items</td>
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<tr>
<td>6:20 – 6:50</td>
<td>Community Air Monitoring Update</td>
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<td>- Air monitoring equipment and deployment</td>
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<td>- Monitoring plan</td>
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<td>6:50 – 7:50</td>
<td>Incentive program discussion</td>
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<td>7:50 – 8:00</td>
<td>Public comments</td>
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<td>8:00</td>
<td>Adjourn</td>
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Administrative Items

- Approve the meeting notes from July 23, 2019 meeting
- New steering committee member introduction
- Update on steering committee application
- Recap of outreach events
Incentive program update
Statewide Incentive Opportunities in the South Sacramento – Florin Community

August 27, 2019
Overview

• Introduction to CARB’s statewide and local incentives

• In depth look at incentives
  ➢ Community Air Protection (CAP) incentives
  ➢ Low Carbon Transportation investments (LCTI)

• Incentives benefiting Sacramento
CARB’s Statewide Incentive Opportunities

• Low Carbon Transportation investments

• Volkswagen Environmental Mitigation Trust

• Statewide incentives within Sacramento
  ➢ Community Air Protection incentives
  ➢ Carl Moyer Program
  ➢ Proposition 1B Program
  ➢ FARMER Program
  ➢ Wood stove and fireplace replacement
IN DEPTH LOOK AT CARB’S INCENTIVES
Legislature Provided Incentives to Support AB 617

• Legislature provided $790M in CAP incentives since 2017

• Direction provided flexibility to meet diverse needs
  ➢ Prioritization of zero-emission technologies
  ➢ Mobile sources via Carl Moyer and Prop 1B Programs
  ➢ Zero-emission charging infrastructure
  ➢ New incentives for stationary sources
  ➢ New incentives for Community Emissions Reduction Programs
$455M in Low Carbon Transportation Investments

• Light-duty investments for individuals and families
  ➢ Clean Vehicle Rebate Project
  ➢ Transportation Equity Projects
  ➢ Financing Assistance

• Heavy-duty investments for businesses and government
  ➢ Freight Equipment Demo and Pilot Commercial Deployment
  ➢ Clean Truck & Bus Vouchers
  ➢ Truck Loan Assistance Program
INCENTIVES BENEFITING SACRAMENTO
Sacramento CAP Incentives

2018: Mobile Sources Through Moyer and Prop 1B
- Immediate benefits as AB 617 takes shape
- Includes charging infrastructure
- $3.6M to Sac Metro AQMD

2019: Mobile and Stationary Sources
- Focus on South Sacramento – Florin community
- $14M to Sac Metro AQMD
Sacramento Light-Duty LCTI Benefits

Clean Vehicle Rebate Project
- Up to $7,000 for advanced technology cars
- 6,500 rebates totaling $14.7M since 2010
- To check eligibility and apply, visit https://cleanvehiclerebate.org/

Financing Assistance
- Help consumers receive low-interest financing
- More affordable loans to encourage purchase of advanced technology cars
- Availability to re-open soon: https://cleanvehiclegrants.org/financing/

Our Community Car Share
- Clean car share pilot for disadvantaged/low-income communities
- Recently expanded to 14 electric cars, totaling $2.4M
- To use the service, visit http://www.airquality.org/our-community-carshare
Sacramento Heavy-Duty LCTI Benefits

Hybrid and Zero-Emission Truck & Bus Voucher Incentive Project
• Point-of-sale voucher for up to $300,000 for advanced technology purchases
• 195 vouchers totaling $10.5M since 2009
• To check eligibility and apply, visit https://www.californiahvip.org

Truck Loan Assistance Program
• Helps small businesses acquire low-interest loans to replace older trucks
• 715 loans totaling $49.7M since 2009, with a $3.6M CARB contribution
• To apply for a loan, visit https://www.treasurer.ca.gov/cpcfa/calcap/arb/

Sacramento Regional Zero-Emission School Bus Deployment Project
• Large-scale pilot to prove commercial viability and reduce costs
• 29 buses totaling $7.6M, plus local match. Includes infrastructure
• Buses in use at Twin Rivers, Elk Grove, and Sacramento school districts
Other Sacramento Investments

**Carl Moyer Program**
- Funding turnover of old, high-polluting diesel equipment since 1998
- Funds allocated to air districts annually to prioritize locally
- $4.2M to Sac Metro AQMD in 2019

**FARMER Program**
- Provides funds to replace heavy-duty agricultural equipment
- Similar requirements to Carl Moyer Program
- $2.1M to Sac Metro AQMD in 2019

**Wood Stove & Fireplace Incentive Program**
- Combines statewide and Sac Metro AQMD woodsmoke reduction efforts
- Additional eligibility for lower-income applicants
Staying Informed and Keeping in Communication

Keep up-to-date on Community Air Protection incentives!

We want to hear from you!
ab617incentives@arb.ca.gov

REMINDER: Grab a handout for more information!

Staff Contacts
Carl Moyer and Community Air Protection incentives: Kyle Goff, Kyle.Goff@arb.ca.gov
Low Carbon Transportation investments: Ambreen Afshan, Ambreen.Afshan@arb.ca.gov
Community Air Protection Incentives

Ashley Reynolds, Transportation and Climate Change Division
August 27, 2019
How we reduce air pollution

- Permits and Rules
- Incentives
- Land Use
Goals for Today

1. Overview of Sac Metro District Incentives
2. Review the Community Air Protection Incentive Program (CAPI) guidelines
3. Discuss current project and program development efforts
4. Are we headed in a good direction?
District Incentives Overview

Investments in cleaner transportation are one of the fastest, most effective approaches to reduce emissions in our region.

- Running incentive programs for 20+ Years
- In general, our incentive programs have been a regional effort
  - Some of our new programs focus on community priorities

**Fun Fact** The statewide Carl Moyer Program was based on our local heavy duty incentives program.
Application Process

1. The business or person must be willing to apply. All our programs are voluntary.

2. For most programs, they must be willing to destroy a working vehicle.

3. Vehicles (old/new) must meet program guideline requirements in order to participate.

4. They must be willing to pay the initial cost. Our incentive funds are given on a reimbursement basis and cover only part of the cost.

5. They must be willing to report back on a yearly basis for the length of the contract term and be subject to random audits.
Carl Moyer Program
Funds replacements, or repowers heavy duty vehicles, equipment and zero emission infrastructure

FARMER Program
Funding for agricultural equipment and heavy duty trucks used in agricultural operations.

Community Air Protection
Project funding with community input for mobile sources and stationary sources.

SECAT
Prioritizes the deployment of zero emission heavy duty trucks.

Goods Movement Reduction Program
Focuses on replacement of low emission heavy duty vehicles for private fleets that transport goods through the California trade corridors.

Electric School Bus Pilot
Pilot to deploy electric school buses in Sacramento

Our Community Car Share
A pilot car sharing program to benefit disadvantaged communities in the greater Sacramento Area.

Clean Cars 4 All
Provides funds for low-income Sacramento County Residents. Access to cleaner mobility options in exchange for turning in older polluting cars.

Wood Stove Change Out Program
Provides funding for replacement of older, polluting fireplaces and wood stoves with certified cleaner burning units.

Transportation Demand Management
Promoting other forms of transportation, such as, carpooling, telework and bike share.

Clean Cars 4 All
Coming Soon January 2020

www.airquality.org
Community Air Protection Incentives

- Incentives comes from Cap and Trade Funding. Amounts are determined at the State level.
- Projects are not limited to the AB 617 designated community.
  - Year 1 - $3.6 Million ($3 Million Sac Metro AQMD; $600,000 Yolo Solano AQMD)
  - Year 2 - $14 Million ($13 Million Sac Metro AQMD; $1 Million Yolo Solano AQMD)
First Round of Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Project Description</th>
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<tr>
<td>DAC Mobility Hub</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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<td>California Department of Transportation</td>
<td>Capitol Corridor Locomotive</td>
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<tr>
<td>Car Share - Mutual Housing on the Greenway</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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<tr>
<td>Car Share - River Garden</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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<tr>
<td>Car Share - Sky Park</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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<tr>
<td>San Juan Unified School District</td>
<td>Electric School Bus Project</td>
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<tr>
<td>Washington Unified School District</td>
<td>Electric School Bus Project</td>
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<td>Twin Rivers Unified School District</td>
<td>Electric School Bus Project</td>
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<td>Vacaville Unified School District</td>
<td>Electric School Bus Project</td>
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<tr>
<td>Winters Unified School District</td>
<td>Electric School Bus Project</td>
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<tr>
<td>A-Z Bus Sales, Inc.</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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<tr>
<td>McClellan Park Holdings, LLC</td>
<td>Electric Vehicle Charging Infrastructure Project</td>
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http://www.airquality.org/Air-Quality-Health/Community-Air-Protection/Community-Air-Protection-Program-Incentives
Mobile Emission Reductions: Moyer

The **Carl Moyer Program** replaces existing old polluting vehicles with newer cleaner vehicles

- **On-Road Heavy Duty Vehicles**
- **Off Road Equipment**
- **Marine Vessels**
- **Low Carbon Infrastructure**
- **Light Duty Cars**
- **Locomotives**
- **Lawn and Garden Equipment**
Active Efforts

Transit Buses

- Investing in transit based on community feedback
- Goal is to replace about 100 Sac RT Buses with zero emission and ultra-low NO$_x$ buses
  - Working with SacRT to concentrate the new buses in the South Sacramento area.
  - Working with Yolobus on a similar effort but on a smaller scale
Active Efforts
Low Carbon Infrastructure Funding
• Private Electric Charging stations

Private Businesses
Apartment Complexes
Public Agencies
Mobile Emission Reductions: Moyer

Active Efforts
Low Carbon Infrastructure Funding

- Public Hydrogen Fueling Station
  - Looking into funding a hydrogen fueling station in South Sacramento area.
  - Supports growth of Our Community Car Share and Clean Cars 4 All program in the South Sac
  - Hydrogen provides faster fill-ups and longer range

Do you think this would be something the community would be interested in?
Mobile Emission Reductions: Moyer

Active Efforts
Lawn and Garden

• Ability to provide funding for residents to purchase a discounted cordless, electric lawn mower to replace their current gasoline mower.

• Working with SMUD
Mobile Emission Reductions: Prop 1B

The **Prop 1B: Goods Movement Emission Reduction Program** replaces high polluting big rig trucks for low polluting big rigs that transport goods along the trade corridors.
Active Efforts

• Investing in trucks based on community feedback
• Solicitation to open in October 2019
  • Guideline Priorities:
    • Zero Emission Vehicles
    • AB 617 area
    • 10 identified communities through the AB 617 process
    • Designated Disadvantaged communities
Mobile Emission Reductions: Prop 1B

Solicitation Funding available $2M-$7 Million
• $2 Million from Current Prop 1B Funds
• Up to $5 Million from Community Air Protection Incentives

1. Would you like to see up to $5M from CAP Incentives invested in this program?
2. What do you think should receive funding priority?
   a. Trucks operating in the priority areas
   b. Trucks registered in the priority areas
Reducing Air Pollution in Schools

Eligible Project Types

1. Composite Wood Products
2. Air Filtration Systems
3. Zero Emission Lawn and Garden Equipment
4. School Transportation Projects
   • School Bus Replacements
   • School Bus Infrastructure
   • Clean Mobility in Schools Pilot Project
Reducing Air Pollution in Schools

**Composite Wood Products**
Allows for funding to replace desks, tables, countertops, chairs, and storage cabinets that currently contain formaldehyde at public schools.

**Active Efforts**
Working with our local school districts to determine feasibility of starting this program
Reducing Air Pollution in Schools

**Air Filtration Systems**
Provides schools funding for better than required air filters and new HVAC systems when the old HVAC cannot use newer filters.

**Active Efforts**
Working with our local school districts to determine feasibility of starting this program
Reducing Air Pollution in Schools

**Lawn and Garden**

Provides schools funding to replace their existing gas lawn and garden equipment with zero emission commercial lawn and garden equipment.

**Active Efforts**

Working with our local school districts and SMUD to determine feasibility of starting this program.
Reducing Air Pollution in Schools

**School Transportation Projects**

Provides funding for school districts to invest in clean transportation projects.

- **School Bus Replacements**
- **School Bus Infrastructure**
- **Clean Mobility in Schools Pilot Project**

A solicitation for public schools. CARB is accepting applications until 10/21/19. More info can be found at [www.arb.ca.gov](http://www.arb.ca.gov)
Reducing Air Pollution in Schools: School Bus

**Active Efforts**
- Investing in school buses based on community feedback.
- Solicitation to open in October 2019
- Guideline Priorities:
  - Zero Emission Vehicles
  - AB 617 area
  - 10 identified communities through the AB 617 process
  - Designated Disadvantaged communities
Reducing Air Pollution in Schools: School Bus

Solicitation: 3 Levels of Participation

1. Funding for each school district to receive one zero emission school bus at no cost to the district. Some limits will apply.
   • Opportunity for all school districts to gain first-hand knowledge of the technology. Many school districts are seeing immediate savings on maintenance and fuel.

2. For additional zero emission buses, reduced funding amounts for each district will be available.

3. Competitive solicitation for an Ultra low NO\textsubscript{x} bus.
   • Helps schools replace old, dirty engines with the cleanest technology for long range.
     i.e. Field Trips.
Stationary Source Incentives

Eligible Project types:
1. Hexavalent Chromium Plating facilities
   - No permitted facilities in Florin South Sac area
2. General Stationary Source Incentives
   - Guidelines are not currently released

Active Efforts
- Working with CARB and other air districts on other potential stationary source incentive program details.
- Anticipate new guidelines to allow funding for year 2 incentives fund
- Planning on including this in our outreach efforts
Community Feedback

• All funded projects need to show some kind of community support
  • ex. Surveys, questionnaires, letters of support, focus group results, steering committee involvement, etc…

• We report to CARB twice a year on our community outreach
  • Evolving process
  • Want to be more inclusive and representative of our community

• Pending projects are posted on our website to promote transparency.
Year 2 Project Funds

Sac Metro signed Y2 grant agreement

Year 1 Projects Funds encumbered by

Y2 Draft Guidelines

Estimated final Y2 guidelines

Estimated Y3 funding and grant agreement

year 1 funds contracted by

Timeline

2019

May

July

September

November

2020

March

May

July

2020

Today

Approved

Estimated final Y2 guidelines

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Y2 Draft Guidelines

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year 1 funds contracted by
Wrap Up

Year 2 Program Development
- Lawn mower replacements for Low income residents
- Air filtration at schools
- Lawn and Garden equipment replacements for Schools
- Stationary Source incentives

Year 2 Current Project Focus
- Alternative Fueling Infrastructure
- Transit Buses
- School Buses
- Heavy Duty Trucks
1. **Would you like to see up to $5M from CAP Incentives invested in this program?**

2. **What do you think should receive funding priority?**
   a. Trucks operating in the priority areas
   b. Trucks registered in the priority areas
Hydrogen Fueling Station

Do you think this would be something the community would be interested in?

• Public Hydrogen Fueling Station
  • Looking into funding a hydrogen fueling station in South Sacramento area.
  • Supports growth of Our Community Car Share and Clean Cars 4 All program in the South Sac
  • Hydrogen provides faster fill-ups and longer range

Hydrogen fueling station locations
Sacramento County
California Fuel Cell Partnership
Cafcp.org/stationmap
Public Comments
Next meeting: September 24, 2019
(same location: Florin Creek Recreation Center)
Adjourn