

South Sacramento – Florin Community Air Protection Steering Committee Meeting

August 27, 2019

Location: Florin Creek Recreation Center

7460 Persimmon Ave, Sacramento, CA 95823

Agenda

6:00 – 6:05	Welcome/Introductions
6:05 – 6:20	Administrative items
6:20 – 6:50	Community Air Monitoring Update <ul style="list-style-type: none">a. Air monitoring equipment and deploymentb. Monitoring plan
6:50 – 7:50	Incentive program discussion
7:50 – 8:00	Public comments
8:00	Adjourn

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

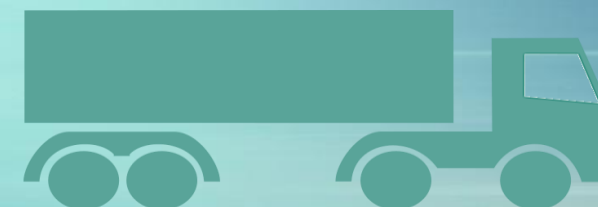
- Light-duty investments for individuals and families

- 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



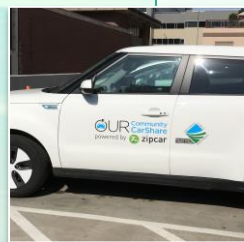
Clean Vehicle Rebate Project

- 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

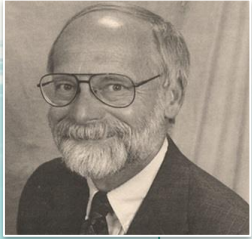
- Helps small businesses acquire low-interest loans to replace older trucks
- 715 loans totaling \$49.7M since 2009, with a \$3.6M CARB contribution
- To apply for a loan, visit <https://www.treasurer.ca.gov/cpcf/cap/arb/>



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!

https://public.govdelivery.com/accounts/CARB/subscriber/new?topic_id=CAPfunds

REMINDER: Grab a handout for more information!

We want to hear from you!

ab617incentives@arb.ca.gov

Staff Contacts

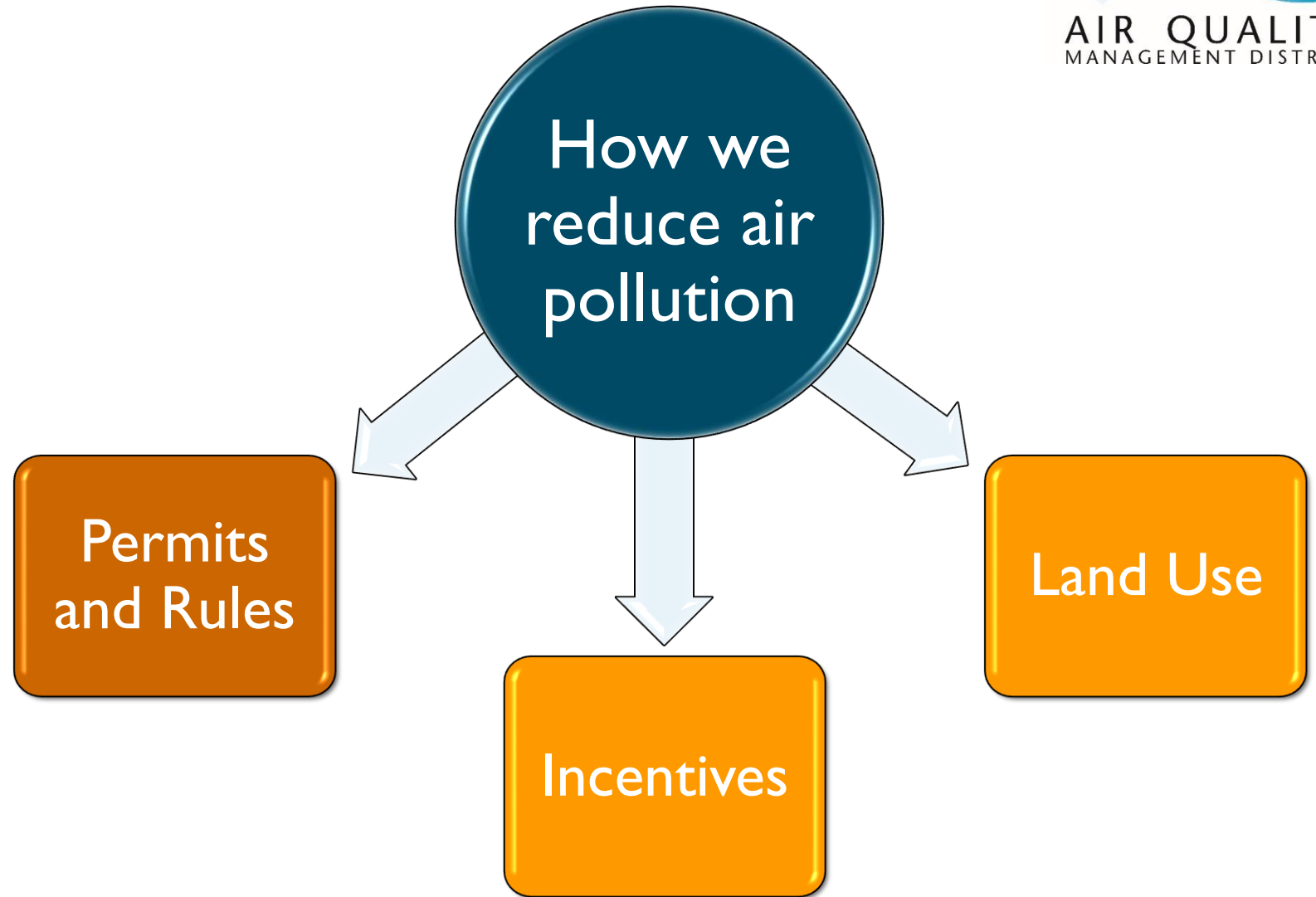
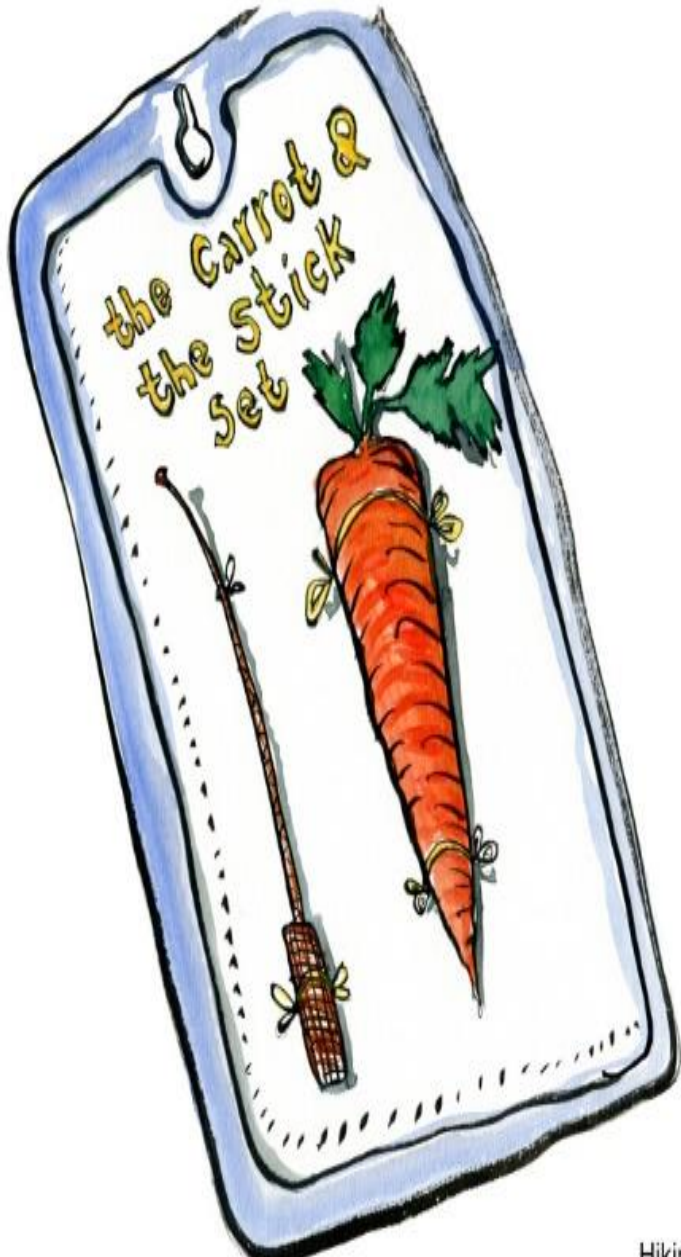
Carl Moyer and Community Air Protection incentives: Kyle Goff, Kyle.Goff@arb.ca.gov

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



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.

Coming Soon
January 2020

Wood Stove Change Out Program

Provides funding for replacement of older, polluting fireplaces and wood stoves with certified cleaner burning units.

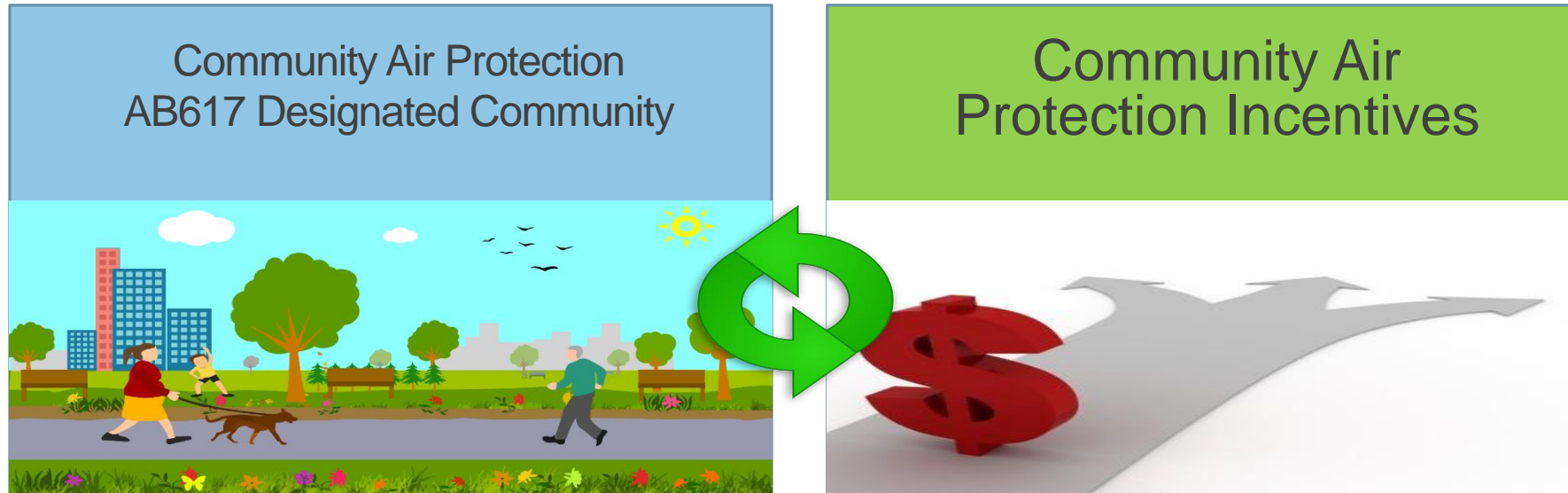


Transportation Demand Management

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

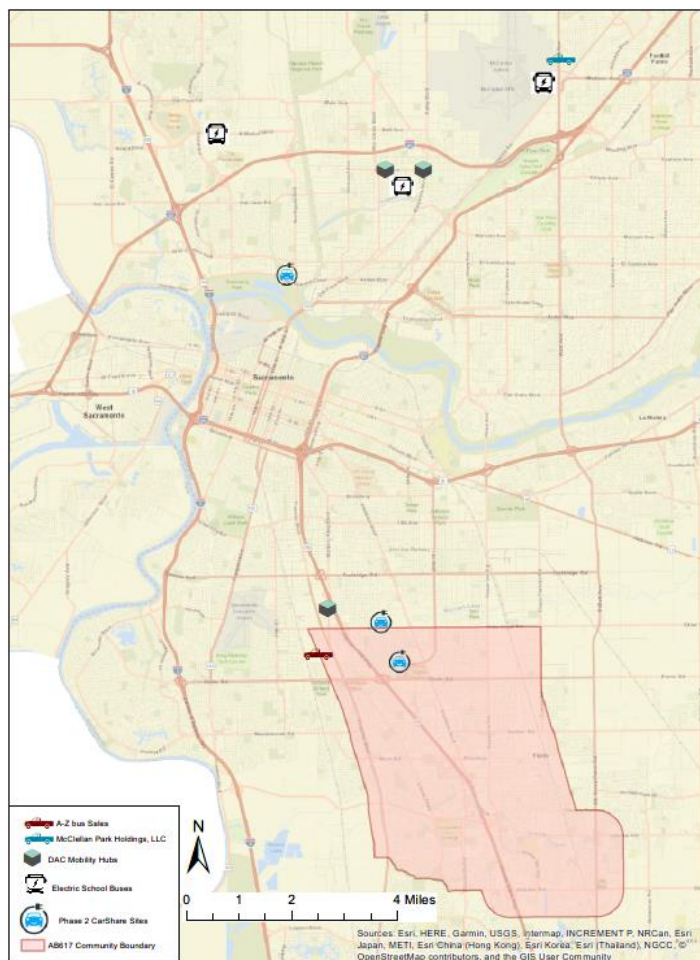


Community Air Protection Incentives



- 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



Project	Project Description
DAC Mobility Hub	Electric Vehicle Charging Infrastructure Project
California Department of Transportation	Capitol Corridor Locomotive
Car Share - Mutual Housing on the Greenway	Electric Vehicle Charging Infrastructure Project
Car Share- River Garden	Electric Vehicle Charging Infrastructure Project
Car Share - Sky Park	Electric Vehicle Charging Infrastructure Project
San Juan Unified School District	Electric School Bus Project
Washington Unified School District	Electric School Bus Project
Twin Rivers Unified School District	Electric School Bus Project
Vacaville Unified School District	Electric School Bus Project
Winters Unified School District	Electric School Bus Project
A-Z Bus Sales, Inc.	Electric Vehicle Charging Infrastructure Project
McClellan Park Holdings, LLC	Electric Vehicle Charging Infrastructure Project

<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



Mobile Emission Reductions: Moyer

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



Mobile Emission Reductions: Moyer

Active Efforts

Low Carbon Infrastructure Funding

- Private Electric Charging stations



Private Businesses



Apartment Complexes



Public Agencies

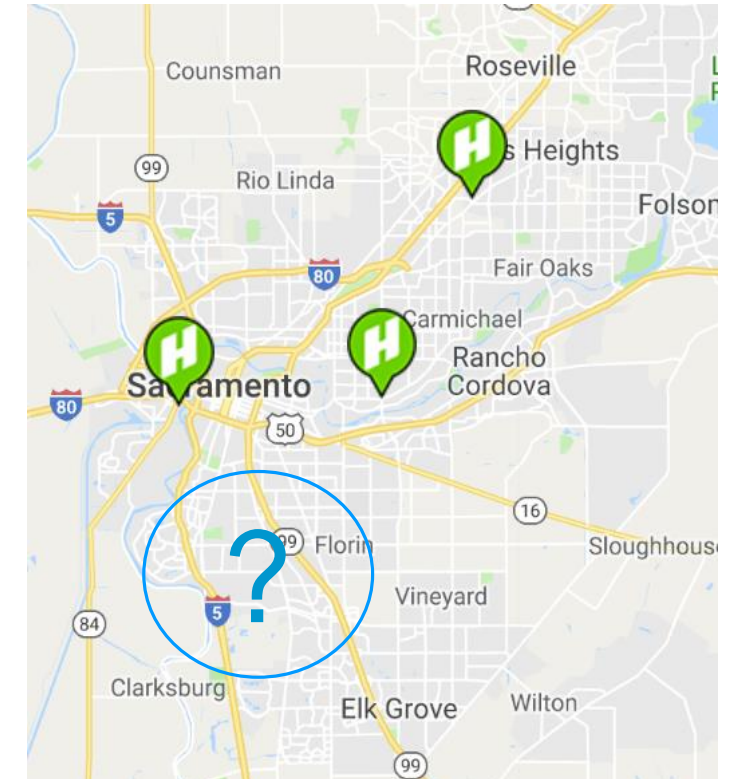
Mobile Emission Reductions: Moyer

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?



Hydrogen fueling station locations
Sacramento County
California Fuel Cell Partnership
Cafcp.org/stationmap

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

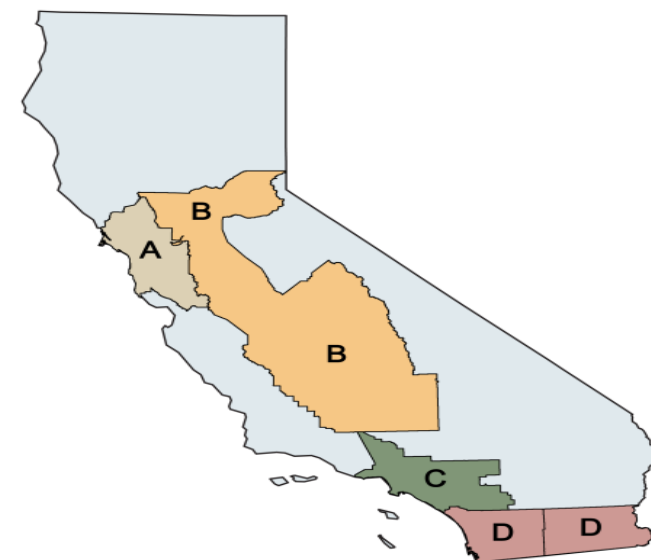


Mobile Emission Reductions: Prop 1B

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.



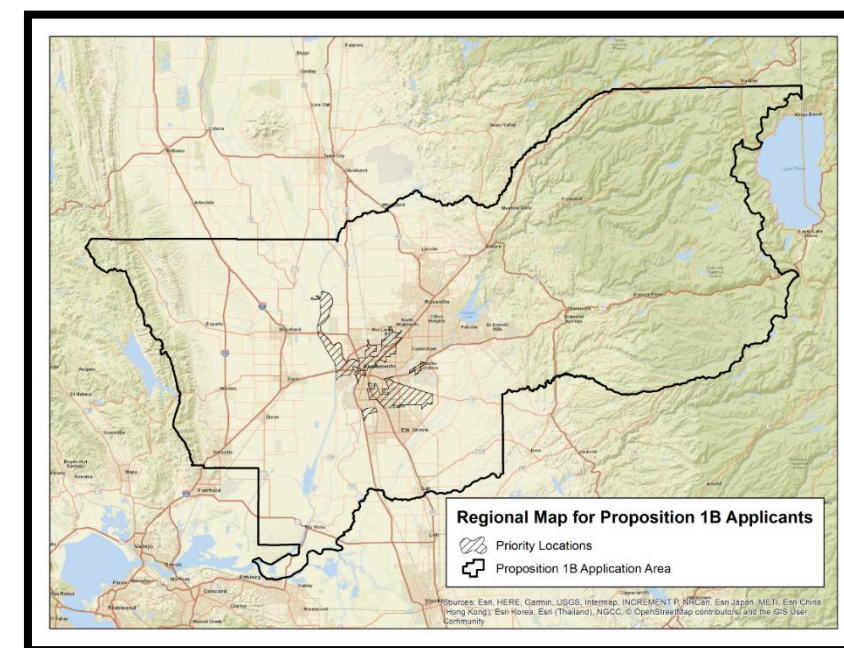
TRADE CORRIDOR MAP



Mobile Emission Reductions: Prop 1B

Active Efforts

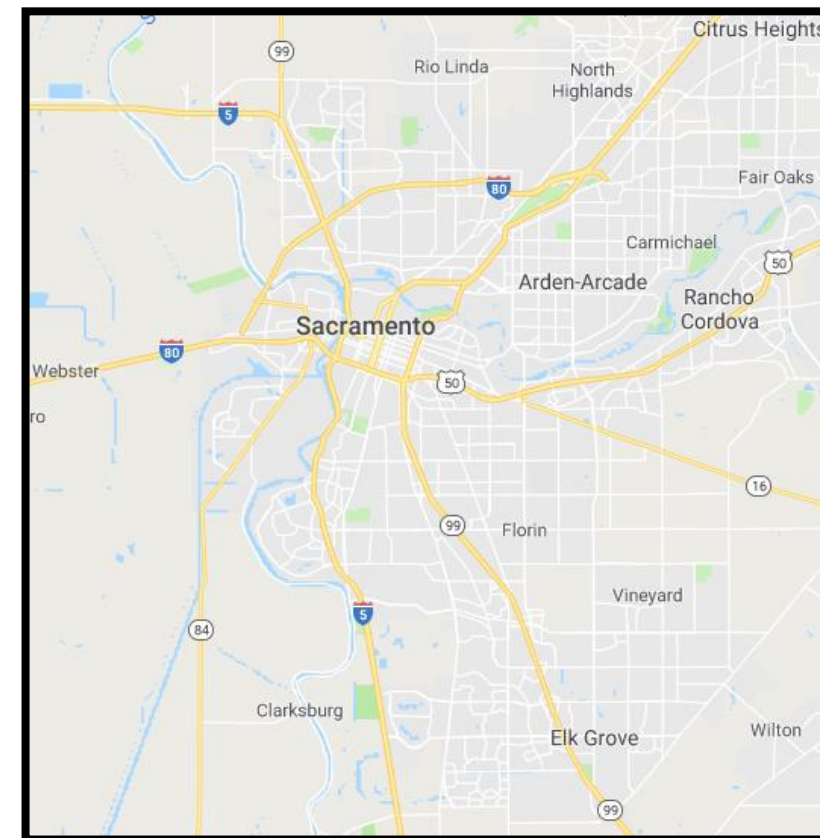
- Investing in trucks based on community feedback
- Solicitation to open in October 2019
 - Guideline Priorities:
 - Zero Emission Vehicles
 - AB 617 area
 - 10 identified communities through the AB 617 process
 - Designated Disadvantaged communities



Mobile Emission Reductions: Prop 1B

Solicitation Funding available \$2M-\$7Million

- \$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

NEW

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

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
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School Bus Replacements



School Bus Infrastructure



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_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

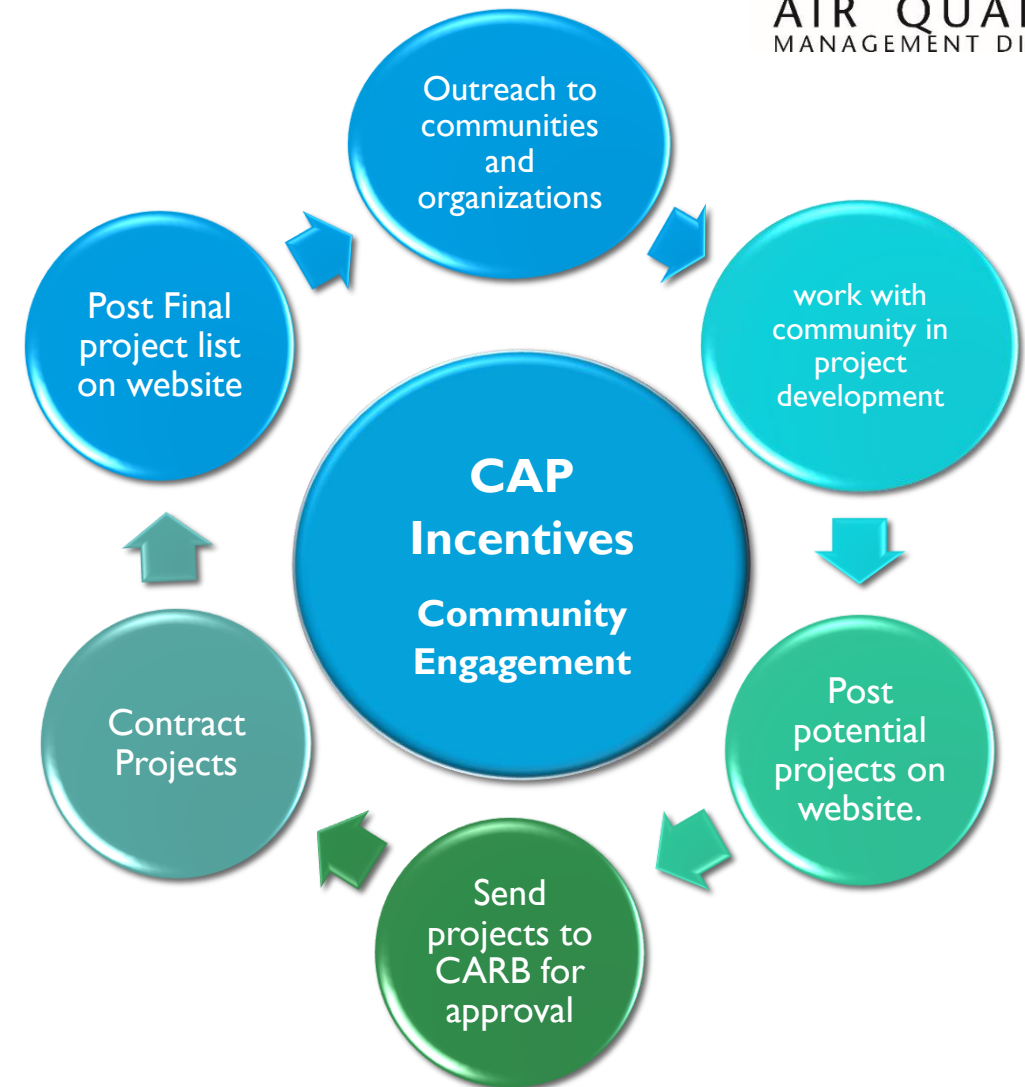


Active Efforts

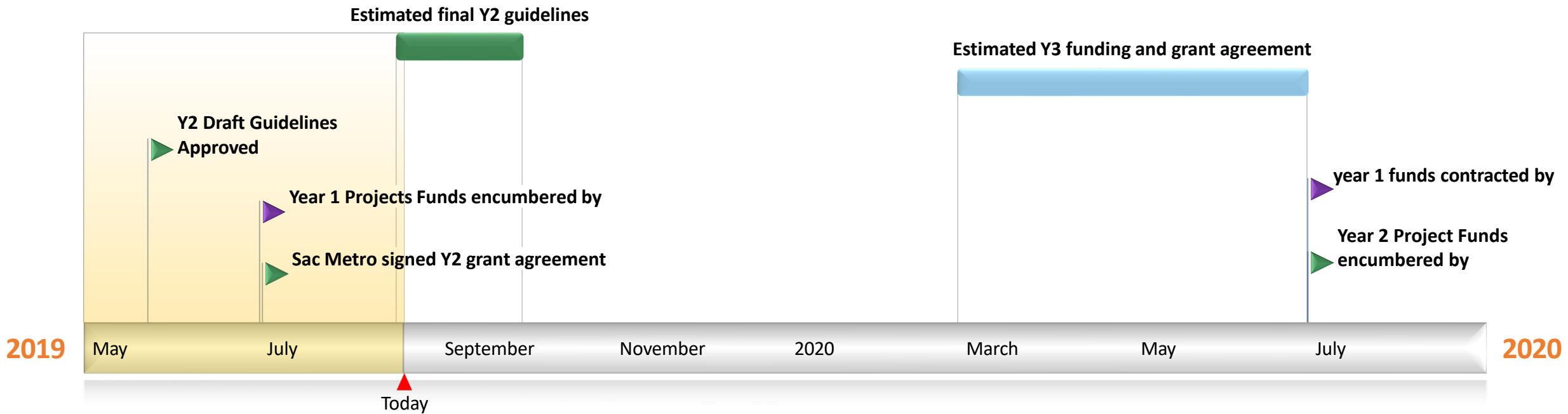
- Working with CARB and other air districts on other potential stationary source incentive program details.
- Anticipate new guidelines to allow funding for year 2 incentives fund
- Planning on including this in our outreach efforts

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.



Timeline



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

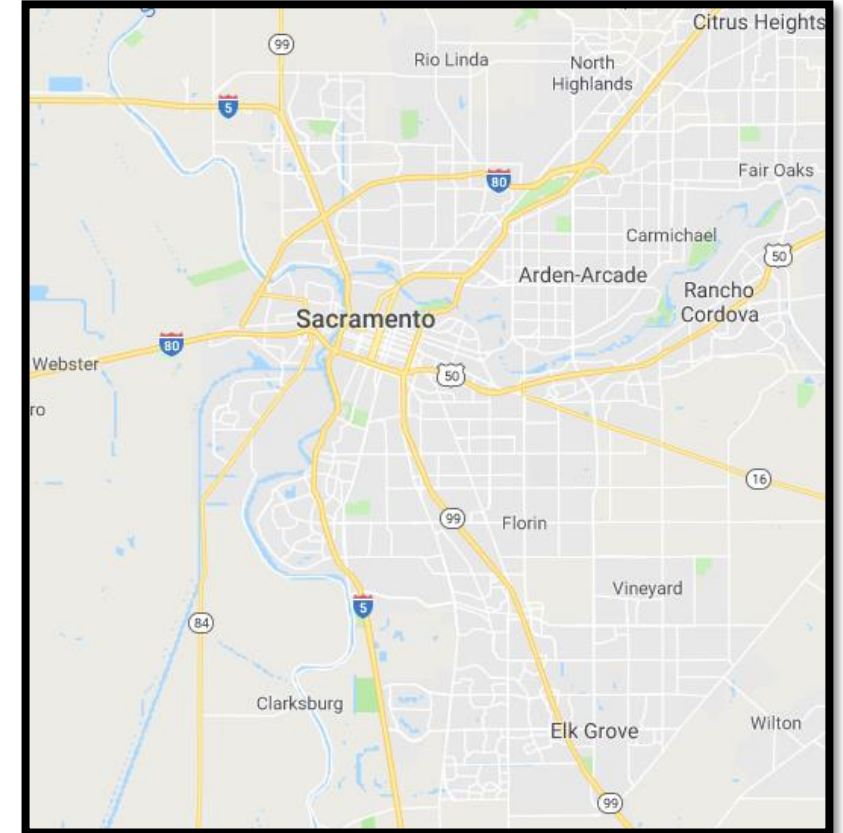
Year 2 Current Project Focus

- Alternative Fueling Infrastructure
- Transit Buses
- School Buses
- Heavy Duty Trucks



Heavy Duty Trucks

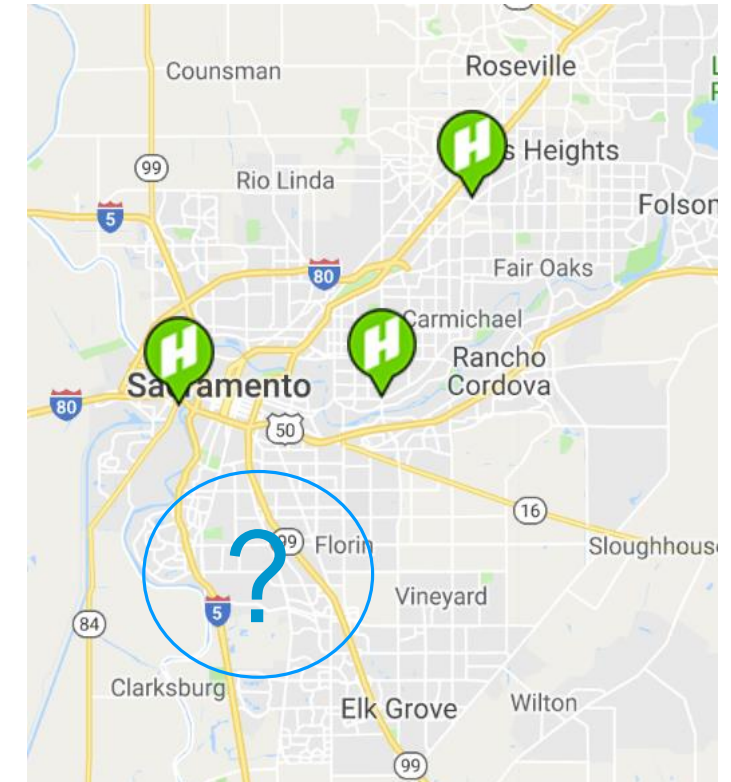
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Hydrogen Fueling Station

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 - Looking into funding a hydrogen fueling station in South Sacramento area.
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Public Comments

Next meeting: September 24, 2019
(same location: Florin Creek Recreation Center)

Adjourn