AB 617 - SELA
SOUTHEAST LOS ANGELES WORKSHOP
VIRTUAL MEETING
MARCH 4, 2021
Gina Triviso
Senior Public Information Specialist
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 28, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>4:00 – 6:00 pm</td>
</tr>
<tr>
<td>March 4, 2021</td>
<td>Incentives Budgeting Workshop</td>
<td>Time TBD</td>
</tr>
<tr>
<td>April 15, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>Time TBD</td>
</tr>
<tr>
<td>June 17, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>Time TBD</td>
</tr>
<tr>
<td>September 16, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>Time TBD</td>
</tr>
</tbody>
</table>
Southeast Los Angeles (SELA)

Gina Triviso
Sr. Public Information Specialist
gtriviso@aqmd.gov
(909) 396-2957

General AB 617 inquiries:
ab617@aqmd.gov
PROJECT FUNDING PROCESS – OVERVIEW

- Incentive Strategies Workshop
  - Overview of Past CAPP incentives
  - Overview of funding across all 5 AB 617 communities
  - October 15, 2020

- Governing Board Meeting
  - Recognized Year 3 CAPP incentive funds
  - Approved Year 3 CAPP Incentive funds for mobile source and other eligible projects
  - January 8, 2021

- CSC Meeting – Incentives Strategy
  - Guideline Requirements for Year 3 CAPP Incentives
  - Overview of staff recommendation for Year 3 CAPP Incentives
  - January 28, 2021

- Incentives Budgeting Workshop
  - CSC input to develop eligible project list supported by SELA CERP
  - Today

- Submit funding request to CARB for approval
  - May 1, 2021
South Coast AQMD Governing Board approved Year 3 CAPP incentive funds for
- Mobile source projects
- Community identified and other eligible projects
MOBILE SOURCE PROJECTS* (~$37.7 MILLION)
- $4.4 million for mobile source projects in SELA
  - 2.7 tons of NOx
  - 0.13 tons of DPM reductions
- Staff received CSC input on funding for mobile source projects (e.g., zero emission where commercially available, near-zero, and disadvantaged communities near AB 617 communities)

COMMUNITY-IDENTIFIED* AND OTHER ELIGIBLE PROJECTS (~$36.7 MILLION)
- $10 million for community identified projects in SELA
- CSC to provide input on projects to be funded today

Total Year 3 CAPP Funds: $74.5 million

*Full list of Year 3 CAPP Incentive Awarded Projects may be found at: http://www.aqmd.gov/home/programs/business/community-air-protection-incentives/year-3-capp-incentives
Small Business Outreach
- Ensure information on incentive opportunities is distributed to small businesses
- Prioritize investments for small businesses

Clean Vehicle Technology
- Invest in replacing vehicles and infrastructure for zero emissions (ZE) where commercially available, or near-zero emissions (NZE)

Equitable Distribution of Funds
- Ensure that incentives are distributed in an equitable manner across AB 617 communities
## INCENTIVES STRATEGY FOR REMAINING YEAR 3
### CAPP FUNDS – CERP INCENTIVE OPPORTUNITIES

<table>
<thead>
<tr>
<th>AQ Priority</th>
<th>CERP Incentive Actions</th>
</tr>
</thead>
</table>
| Truck Traffic and Freeways   | • Replace older trucks with cleaner models (ZE where commercially available), support related infrastructure  
                                  • Focus on small business, local fleets                                                   |
| Truck Traffic and Freeways   | • School air filtration systems and replacement filters at schools near truck corridors |
| Railyards                    | • Installation zero-emission infrastructure                                             
                                  • Replace diesel equipment with cleaner models                                             |
| Green Spaces                 | • Vegetative buffers near freeways, especially I-710                                  
                                  • Urban greening projects, increasing tree canopy                                          |
| Rendering Facilities         |                                                                                       |
| General Industrial Facilities |                                                                                       |
| Metal Processing Facilities  | • Identify opportunities to adopt technologies above and beyond rule requirements, if necessary (based on process laid out in CERP) |
TODAY'S PRIORITIZATION ACTIVITY

- Today staff will present cost and emission reductions information for incentive projects.
- Staff will ask CSC members to prioritize incentive projects to fund in the community.
- AB 617 funds currently available for the SELA Community is $10 M.
# COST FOR CERP INCENTIVE PROJECTS – MOBILE SOURCE PROJECTS

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Project Cost</th>
<th>South Coast AQMD Funding Amount *</th>
<th>Avg. Cost Effectiveness ($/ton)</th>
<th>Avg. NOx Reductions (tpy)</th>
<th>Avg. ROG Reductions (tpy)</th>
<th>Avg. DPM Reductions (tpy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 8 Low-NOx Truck</td>
<td>$150,000 - $190,000</td>
<td>$51,618 - $100,000</td>
<td>$31,085</td>
<td>0.42</td>
<td>0.05</td>
<td>&lt;.001</td>
</tr>
<tr>
<td>Class 8 Zero Emission Truck (Yard trucks)</td>
<td>$380,000 - $550,000</td>
<td>$17,438 - $200,000†</td>
<td>$79,972</td>
<td>0.39</td>
<td>0.03</td>
<td>&lt;.001</td>
</tr>
<tr>
<td>Zero Emission Cargo Handling Equipment</td>
<td>$1 million</td>
<td>$240,046</td>
<td>$80,141</td>
<td>0.59</td>
<td>0.15</td>
<td>0.01</td>
</tr>
<tr>
<td>Tier 4 Hybrid Cargo Handling Equipment</td>
<td>$640,200 - $2.5 million</td>
<td>$449,156</td>
<td>$30,000</td>
<td>2.27</td>
<td>0.21</td>
<td>0.03</td>
</tr>
<tr>
<td>Tier 4 Off-Road Construction Equipment</td>
<td>$48,000 - $1 million</td>
<td>$157,000</td>
<td>$28,375</td>
<td>1.09</td>
<td>0.01</td>
<td>0.01</td>
</tr>
<tr>
<td>Tier 4 Locomotives (Freight)</td>
<td>$2.5 million</td>
<td>$1.9 million</td>
<td>$21,830</td>
<td>4.7</td>
<td>0.25</td>
<td>0.08</td>
</tr>
</tbody>
</table>

*Based on averages from previously awarded incentive projects. Averages are subject to change given new project applications, incentive program criteria and/or funding limits.

† Funding for ZE trucks is not capped at $200k but rather at a percentage based on the size of the fleet.
# Cost for CERP Incentive Projects – Exposure Reductions and Other Projects

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Cost</th>
<th>Cost-Effectiveness</th>
<th>Air Quality Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Air Filtration System</td>
<td>$30,000 - $300,000*</td>
<td>N/A</td>
<td>Exposure Reductions</td>
</tr>
<tr>
<td>Tree Planting</td>
<td>$250 - $290**</td>
<td>N/A</td>
<td>Other</td>
</tr>
</tbody>
</table>

*Cost varies by school type, school size, and years of maintenance provided

**Cost per tree plus installation costs
## COSTS FOR CERP INCENTIVE PROJECTS – MOBILE SOURCE PROJECTS*

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Cost</th>
<th>Implementation Difficulty</th>
<th>Diesel PM Emission Reductions</th>
<th>NOx Emission Reductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 8 Low-NOx Truck</td>
<td>$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 8 Zero Emission Truck (Yard Truck)</td>
<td>$$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zero Emission Cargo Handling Equipment</td>
<td>$$$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tier 4 Hybrid Cargo Handling Equipment</td>
<td>$$$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tier 4 Off-Road Construction Equipment</td>
<td>$$$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tier 4 Locomotives (Freight)</td>
<td>$$$$</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- *Based on average cost from previously awarded incentive projects. Averages are subject to change given new project applications, incentive program criteria and/or funding limits.
- † Funding for ZE trucks is not capped at $200k but rather at a percentage based on the size of the fleet.
INCENTIVES STRATEGY FOR YEAR 3 CAPP FUNDS – PROJECT EXAMPLES

33 School Air Filters
- Install air filters at 33 schools
- Exposure reductions

OR

18 Electric Trucks
- Replace ~18 class 8 trucks with zero-emission trucks
- Reduces ~7.0 tpy of NOx and 0.5 tpy of ROG

OR

52 Class 8, Low – NOx Trucks
- Replace ~52 class 8 trucks with low-NOx trucks
- Reduces ~21.8 tpy of NOx and 2.6 tpy of ROG

~$10* million =

* Costs vary by project
DISCUSSION

• Are there any additional projects* that you want to suggest that support actions in the SELA CERP?

• Staff will send a follow-up survey by e-mail for community members unable to participate in today’s poll

* If needed, a plan will be developed for community-identified projects for approval by CARB
PRIORITIZATION OF PROJECT TYPES

Please rank your top three priorities (#1 is highest priority)

- Zoom polls to select rankings
  - Select one option per poll
  - If you are participating by phone, please email your rankings to ab617comments@aqmd.gov

*Per the SELA CERP commitment, truck incentives will be focused on small fleets and owner/operators*