



South Coast Air Quality Management District

South Coast
AQMD 21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

TECHNOLOGY COMMITTEE MEETING HYBRID FORMAT

Committee Members

Council Member Joe Buscaino, Chair
Supervisor Lisa Bartlett
Board Member Gideon Kracov
Mayor Pro Tem Larry McCallon
Vice Mayor Rex Richardson
Mayor Carlos Rodriguez

December 17, 2021 ♦ 12:00 p.m.

Pursuant to Assembly Bill 361 the South Coast AQMD Technology Committee meeting will be held at 12:00 a.m. on Friday, December 19, 2021 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone.

Given health and safety concerns, auditorium seating availability may be limited and the meeting format may be changed to full remote via webcast. Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

Proof of vaccination or a negative COVID test within 72 hours prior to the start of the meeting will be required for admittance into the auditorium.

Proof of COVID-19 Vaccination includes:

- COVID-19 Vaccination Record Card (issued by the Department of Health and Human Services Centers for Disease Control & Prevention or WHO Yellow Card¹) which includes name of person vaccinated, type of vaccine provided and date doses administered); OR
- A photo of a vaccination card as a separate document; OR
- A photo of the vaccine card stored on a phone or electronic device; OR
- Documentation of vaccination from a healthcare provider; OR
- [Digital record](#) that includes a QR code that when scanned by a SMART Health Card reader displays to the reader: name, date of birth, vaccine dates and vaccine type

REMINDER: Mask wearing is required indoors during the meeting.

ELECTRONIC PARTICIPATION INFORMATION **(Instructions provided at bottom of the agenda)**

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Audience will be able to provide public comment in person or through Zoom connection or telephone.

PUBLIC COMMENT WILL STILL BE TAKEN

Cleaning the air we breathe...

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If attending in person, please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item.

If no cards are available, please notify South Coast AQMD staff or a Board Member of your desire to speak. If on Zoom, if you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

ROLL CALL

ACTION ITEM:

1. Implement Carl Moyer, SOON, State Reserve, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs (*Motion Requested*)

Walter Shen
Program Supervisor

In June 2021, Program Announcements for the Carl Moyer and Surplus Off-Road Op-In for NO_x (SOON) Programs closed. This year, funding from the State Reserve and Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Programs will also be available to fund eligible projects submitted through these solicitations. These actions are to: 1) adopt Resolutions to recognize FY2020-21 and FY2021-22 funds from CARB for Carl Moyer and FARMER Programs; 2) execute contracts for Carl Moyer, SOON, State Reserve, Community Air Protection and FARMER Programs; 3) authorize the Executive Officer to redistribute the source of funds for the various incentive program grants to ensure program liquidation targets are met; and 4) reimburse administrative costs for the FY2021-22 FARMER Program

2. Other Business

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

3. Public Comment Period

At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

4. Next Meeting Date

Friday, January 21, 2022 at 12:00 p.m.

ADJOURNMENT

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Penny Shaw Cedillo at 909.396.3179, or send the request to pcedillo@aqmd.gov.

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Technology Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to South Coast AQMD. Please contact Penny Shaw Cedillo at 909.396.3179 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to pcedillo@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chairman will announce public comment.

Speakers may be limited to a total of 3 minutes for the entirety of the consent calendar plus board calendar, and three minutes or less for each of the other agenda items.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of the screen.

This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.

Technology Committee Agenda #1

BOARD MEETING DATE: January 7, 2022

AGENDA NO.

PROPOSAL: Implement Carl Moyer, SOON, State Reserve, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs

SYNOPSIS: In June 2021, Program Announcements for the Carl Moyer and Surplus Off-Road Op-In for NOx (SOON) Programs closed. This year, funding from the State Reserve and Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Programs will also be available to fund eligible projects submitted through these solicitations. These actions are to: 1) adopt Resolutions to recognize FY2020-21 and FY2021-22 funds from CARB for Carl Moyer and FARMER Programs; 2) execute contracts for Carl Moyer, SOON, State Reserve, Community Air Protection and FARMER Programs; 3) authorize the Executive Officer to redistribute the source of funds for the various incentive program grants to ensure program liquidation targets are met; and 4) reimburse administrative costs for the FY2021-22 FARMER Program.

COMMITTEE: Technology, December 17, 2021; Recommended for Approval

RECOMMENDED ACTIONS:

1. Adopt the attached Resolution recognizing, upon receipt, up to \$91 million in FY2021-22 Carl Moyer Program (Year 24) funds into the Carl Moyer Program SB 1107 Fund (32);
2. Adopt the attached Resolution recognizing, upon receipt, up to \$3 million in FY2021-22 FARMER Program (Year 4) funds into the Carl Moyer Program Fund (32);
3. Authorize the Chairman to:
 - a) Execute contracts for the Carl Moyer and SOON Provision Programs as listed in Tables 2A and 2B, respectively, in an amount not to exceed \$132,515,779, comprised of \$116,583,135 from the Carl Moyer Program SB 1107 Fund (32), \$15,855,306 from the Carl Moyer AB 923 Match Fund (80), \$5,119 from interest accrued in the Carl Moyer Program SB 1107 Fund (32), \$17,445 from

- interest accrued in the Carl Moyer Program Multi-District Fund (32), \$28,916 from interest accrued in the Carl Moyer Program State Reserve Fund (32), and \$25,858 in returned funds;
- b) Execute contracts for zero-emission infrastructure projects listed in Table 3, in an amount not to exceed \$3,518,728 comprised of Year 23 State Reserve Program Fund (32);
 - c) Execute off-road agricultural contracts for the FARMER Program as listed in Table 4, in an amount not to exceed \$1,902,977, comprised of \$1,878,750 from the FY2021-22 Carl Moyer Program Fund (32) – FARMER grant, and \$24,227 in FARMER interest accrued;
 - d) Execute contracts for mobile source projects consistent with the air quality priorities established by the AB 617 Community Steering Committees as listed in Table 5 in an amount not to exceed \$2,785,000 from the AB 134 Community Air Protection Program (Fund 77);
 - e) Execute contracts from the backup projects as listed in Table 6 and 7, should any returned funds become available from any of the funding sources approved for projects in this Board letter, or should any additional funds become available under the Carl Moyer, SOON, State Reserve, or FARMER Programs;
4. Authorize the Executive Officer to redistribute the funding source from unencumbered funds and executed contracts with no payments within and/or between the Carl Moyer Program Fund (32), including SB 1107, SOON, State Reserve, FARMER and associated interest funds, Carl Moyer AB 923 Fund (80) match funds, Proposition 1B – Goods Movement Program Fund (81), Voucher Incentive Program Fund (59), Rule 2202 Air Quality Investment Program Fund (27), and the Community Air Protection AB 134 Fund (77), including reassigning Carl Moyer Program projects between funding years, as needed, in order to expeditiously meet program liquidation requirements to the extent that such actions are not in conflict with any applicable guidance, requirement or direction from CARB; and
 5. Reimburse the General Fund from the Carl Moyer Program Fund (32) for administrative costs related to the FARMER Program in an amount not to exceed \$125,250.

Wayne Nastri
Executive Officer

MMM:AK:WS

Background

In April 2021, South Coast AQMD received a CARB grant for FY 2020-21 Carl Moyer Program (Year 23) in the amount of \$34,080,250, including 6.25 percent in

administrative funds. The South Coast AQMD also applied for FY 2021-22 Carl Moyer Program funds (Year 24), which includes a tentative allocation of \$90,275,094. The Carl Moyer Program funds available for Year 24 are much higher than previous fiscal years. This is due to a technical adjustment that was approved as part of the FY 2021-22 budget which made available additional revenues for the Carl Moyer Program largely as a result of AB 1274 which expanded the existing smog check exemption to vehicles from six to eight model years old starting January 1, 2019.

Given the high number of eligible applications this year, staff plans to combine the Carl Moyer Program funding from two fiscal years (Moyer Years 23 & 24) to fund eligible projects through the 2021 Carl Moyer Program. The required match from the South Coast AQMD to participate in the Carl Moyer Program is \$4,345,232 for Year 23 and \$11,510,074 for Year 24, of which 15 percent of these funds will be used for the in-kind contribution as allowed by the Carl Moyer Program. This year, other sources of funds are available that can be used to fund eligible projects under the Carl Moyer Program. These include State Reserve, FARMER, AB 617 Community Air Protection Program (CAPP) incentives, and associated interest funds.

In January 2021, the Board approved mobile source projects that will deploy and support near-zero emission technologies and achieve near-term NOx emission reductions in disadvantaged and low-income communities for the AB 617 CAPP (Year 3) in an amount not to exceed \$37,762,509. The remaining amount of \$36,704,622 in CAPP incentives funds were available for eligible projects, including but not limited to: actions identified in approved Community Emissions Reduction Plans, zero emission projects, clean truck projects meeting the criteria of the Proposition 1B-Goods Movement Program, and/or projects or programs identified in the Community Air Protection Incentives 2019 Guidelines (including recent amendments in October 2020). In June 2021, the additional \$36,704,622 in AB 617 CAPP funds were received by South Coast AQMD. Consistent with air quality priorities established in Community Emission Reduction Plans by AB 617 Community Steering Committee members in the communities designated for inclusion in the program in 2018 and 2019, staff identified marine engine repower projects located in the Wilmington/West Long Beach/Carson AB 617 Community that met the community priorities.

The Year 23 State Reserve Program is for eligible zero-emission infrastructure projects, including battery charging and hydrogen fueling stations, that meet Chapter 10 Infrastructure requirements of the Carl Moyer Program Guidelines. Staff utilized a competitive selection process to identify 12 charging stations eligible for State Reserve Program funding.

In March 2021, the South Coast AQMD released Program Announcements (PAs) to solicit projects for the Carl Moyer and SOON Provision Programs. The PAs were heavily oversubscribed with funding requests from applicants far exceeding the amount of available funds. Since projects eligible under the Carl Moyer Program may be

considered for funding through the State Reserve, FARMER and CAPP Incentives Programs, the projects submitted in response to the Carl Moyer PA were also evaluated with respect to the terms and conditions of these other funding sources.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the PA and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may have been notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the PA was emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at South Coast AQMD's website (<http://www.aqmd.gov>).

In addition to the traditional outreach conducted for the Carl Moyer Program in the four counties, staff pivoted to an online webinar format as a result of COVID-19 and provided targeted outreach to AB 617 communities, including but not limited to: 1) dissemination of program brochures and staff support at AB 617 Community Steering Committee meetings; 2) coordination with the Ports of Los Angeles and Long Beach to disseminate Carl Moyer Program funding information to all drayage truck owners/operators listed in the Drayage Truck Registry, as well as the terminal operators of cargo handling equipment and truck dealers; 3) emails to over 16,000 subscribers to the Carl Moyer Program listserv; 4) emails to warehouse facilities located throughout the South Coast Air Basin; 5) coordinating social media outreach through partnerships with utilities including Southern California Edison and Southern California Gas Company; and 6) increasing social media presence through online announcements via South Coast AQMD's social media accounts.

Proposal

For the Carl Moyer, SOON Provision, FARMER Programs, staff is recommending projects based on cost-effectiveness in accordance with the Carl Moyer Program Guidelines, with priority given to the most cost-effective projects and projects that will achieve near-term NOx reductions in support of the goals in the 2016 AQMP. Projects that provide emission benefits to current standards were selected with a cost-effectiveness up to \$30,000 per weighted ton of NOx, PM and ROG emissions reduced. Projects providing emissions reduced beyond those achieved by current standards were selected with a cost-effectiveness up to \$100,000 per weighted ton of NOx, PM and ROG. The remaining projects were placed on a back-up list for future consideration in the event any returned or additional funds become available.

Also, consistent with the air quality priorities and funding allocations established in the Community Emission Reduction Plans by the AB 617 Community Steering Committees, staff are recommending awards for two eligible projects for the AB 617 Community Air Protection Program. This action is to execute two marine engine repower projects for the AB 617 CAPP (Year 3) as listed in Table 5 in an amount not to exceed \$2,785,000.

For the Year 23 State Reserve Program, staff are recommending awards for battery electric charging stations that meet the requirements of the Carl Moyer Program Guidelines as listed in Table 3 in an amount not to exceed \$3,518,728. The awarded projects were selected on a competitive basis with considerations for project location, accessibility, throughput relative to cost, and other factors as outlined in the program announcement.

In order to effectively meet the liquidation deadlines specified in the grants, this action is to also authorize the Executive Officer to redistribute the source of funds within and/or between the Carl Moyer Program Fund (32), including SB 1107, SOON, State Reserve, FARMER and associated interest funds, Carl Moyer AB 923 Fund (80) match funds, Proposition 1B – Goods Movement Program Fund (81), Voucher Incentive Program Fund (59), Rule 2202 Air Quality Investment Program Fund (27) and the Community Air Protection AB 134 Fund (77), as needed, to the extent the redistribution would not be in conflict with any applicable guidance, requirement or direction from CARB. In addition, staff recommends that the Board authorize the Chairman to execute contracts from the backup list of projects in Tables 6 and 7, in the event projects are not implemented, there are returned funds from any of the funding sources identified in this Board letter, or to meet program liquidation deadlines specified in the grants.

Lastly, this action is to reimburse the General Fund for administrative costs related to the FARMER Program in an amount not to exceed \$125,250.

Disadvantaged and Low-Income Communities

Consistent with the requirements of AB 1390, staff will ensure that not less than 50 percent of the funds appropriated for purposes of the following programs are expended in a manner that directly reduces air contaminants and/or associated public health risks in disadvantaged and low-income communities: Carl Moyer Program, Lower-Emission School Bus Program and other diesel mitigation programs. The qualification of the projects is determined by using CalEnviroScreen version 3.0 and the requirements of SB 535 for disadvantaged communities, and AB 1550 for low-income communities and those within half a mile of disadvantaged communities.

Based on the recommended awards, over 80 percent of the projects under the Carl Moyer/SOON, FARMER and CAPP, as well as all the recommended projects listed as backup, are expected to provide benefits to disadvantaged and low-income communities, greatly surpassing program requirements.

Funding Distribution

During the review process, all qualified applications were considered and over 80 percent of the proposed projects will benefit disadvantaged and low-income communities. The funding distribution is based on the priorities specified in the grant agreements for the various funding sources identified in this Board letter. In addition to selecting projects based on cost-effectiveness, benefits to disproportionately impacted communities and AB 617 communities are also considered, whenever feasible.

For the Carl Moyer Program, staff considered the priorities in the “Carl Moyer Program Guideline under SB 1107 & AB 923” adopted by the Board on July 8, 2005. These priorities are:

- Goods movement (no less than 40 percent);
- Disadvantaged and low-income communities (no less than 50 percent);
- Cost-effectiveness;
- Low-emission engine/vehicle preference;
- Early commercialization of advanced technologies/fuels;
- Fleet rules; and
- School buses.

Benefits to South Coast AQMD

The successful implementation of the projects selected for funding through the Carl Moyer Program (including SOON Provision), FARMER and CAPP will reduce emissions of NO_x, PM and ROG. The recommended projects will exceed the targets for benefits to disadvantaged and low-income communities that are identified in the Carl Moyer and CAPP incentives grants. Below are the estimated emissions reduction benefits from implementing the recommended awards:

Program	Estimated Emission Reductions (tons/year)	
	NO_x	PM
Carl Moyer/SOON Provision	397.5	8.2
FARMER	17.9	1.3
State Reserve – ZE Infrastructure	N/A	N/A
CAPP Incentives	18.9	1.0
Total	434.3	10.5

The Carl Moyer Program is an important and successful program that provides incentive funding to owners of heavy-duty vehicles and equipment to reduce emissions beyond regulatory requirements by replacing, repowering or retrofitting their older engines. The projects identified in this Board letter will result in emission reductions that are surplus to existing regulations and will occur throughout the life of the projects, resulting in long-term emission reduction and public health benefits.

Resource Impacts

Total funding for projects under the Years 23 and 24 Carl Moyer Program, SOON Provision, FARMER and FY 2019-20 CAPP will not exceed \$140,722,484, comprised of the following funding sources:

Program	Total Funds Awarded
Carl Moyer SB 1107 (Fund 32)	\$116,608,993
Carl Moyer/State Reserve Interest Funds (Fund 32)	\$51,480
Carl Moyer AB 923 Match Funds (Fund 80)	\$15,855,306
FARMER (Fund 32)	\$1,902,977
State Reserve	\$3,518,728
CAPP Incentives (Fund 77)	\$2,785,000
Total	\$140,722,484

Attachments

Resolution for FY 2021-22 Carl Moyer Program Funds

Resolution for FY 2021-22 FARMER Funds

Table 1: Total Amount of Available Funds

Table 2A: Carl Moyer Program Awards

Table 2B: SOON Provision Awards

Table 3: State Reserve (Zero-Emission Infrastructure Projects)

Table 4: FARMER Program Awards

Table 5: CAPP Incentive Award in the Wilmington/West Long Beach/Carson
AB617Community

Table 6: Backup List

Table 7: Infrastructure Backup List

RESOLUTION NO. 21-

**A Resolution of the South Coast Air Quality Management District Governing Board
Recognizing FY 2021-22 Carl Moyer Program Funds**

WHEREAS, under Health & Safety Code §40400 et seq., the South Coast Air Quality Management District (South Coast AQMD) is the local agency with the primary responsibility for the development, implementation, monitoring and enforcement of air pollution control strategies, clean fuels programs and motor vehicle use reduction measures; and

WHEREAS, the South Coast AQMD is authorized by Health & Safety Code §§40402, 40440, and 40448.5 as well as the Carl Moyer Memorial Air Quality Standards Attainment Program (§§44275 et seq.) to implement programs to reduce transportation emissions, including programs to encourage the use of alternative fuels, zero and low emission vehicles, to develop and implement other strategies and measures to reduce air contaminants, and achieve the state and federal air quality standards; and

WHEREAS, the Governing Board has adopted several programs to reduce emissions from on-road and off-road vehicles, as well as emissions from other equipment, including infrastructure from the Carl Moyer Program, the Proposition 1B-Goods Movement Program, and projects included in approved Community Emissions Reduction Programs; and

WHEREAS, the Governing Board directs staff to prioritize funding of zero emission vehicles and equipment whenever feasible, including charging/fueling infrastructure for medium- and heavy-duty vehicles, in disadvantaged and low-income communities; and

WHEREAS, the South Coast AQMD is designated as an extreme non-attainment area for ozone and as such is required to utilize all feasible means to meet national ambient air quality standards.

THEREFORE, BE IT RESOLVED that the Governing Board of the South Coast AQMD, State of California, in regular session assembled on January 7, 2022, does hereby recognize up to \$91 million in FY 2021-22 Carl Moyer Program funds from CARB.

BE IT FURTHER RESOLVED that the Executive Officer is authorized and directed to take all steps necessary to carry out this Resolution.

Date

Faye Thomas, Clerk of the Board

RESOLUTION NO. 21-

**A Resolution of the South Coast Air Quality Management District Governing Board
Recognizing FY 2021-22 FARMER Funds**

WHEREAS, in September 2021, Governor Newsom signed into law Senate Bill (SB) 170, which appropriates \$212 million from the State Budget for Fiscal Year (FY) 2021-22 to the California Air Resources Board (CARB) for reducing criteria, toxic and greenhouse gas (GHG) emissions from the agricultural sector;

WHEREAS, CARB developed the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program Guidelines to meet the Legislature's objectives and help meet the State's criteria, toxic and GHG reduction goals;

WHEREAS, the funding for the FARMER Program comes from the Air Pollution Control Fund and the Greenhouse Gas Reduction Fund (GGRF);

WHEREAS, CARB has proposed an allocation of \$2,004,000 for the South Coast Air Quality Management District (South Coast AQMD) to implement projects pursuant to the FARMER Program Guidelines;

WHEREAS, there are specific legislative requirements (e.g., expenditure records, quantification methodology, annual reporting, and disadvantaged/low income community investments) of the cap and trade proceeds that the South Coast AQMD will need to adhere to;

WHEREAS, the South Coast AQMD may have need to transfer funds to other air districts, or may be invited to accept FARMER funds through inter-district transfer;

NOW, THEREFORE, BE IT RESOLVED that the Governing Board, in regular session assembled on January 7, 2022, does hereby approve South Coast AQMD participation in the FY 2021-22 FARMER Program and recognize up to \$2,004,000 from CARB in FARMER Program funds.

BE IT FURTHER RESOLVED that South Coast AQMD will comply with FARMER Program requirements as specified in the grant award, applicable FARMER Program Guidelines and the South Coast AQMD's FARMER Policies and Procedures Manual.

BE IT FURTHER RESOLVED that the South Coast AQMD Governing Board authorizes the Executive Officer to enter into contracts or grants with other California air quality districts to transfer funds to other districts or accept FARMER funds through inter-district transfer as necessary.

BE IT FURTHER RESOLVED that the Executive Officer is hereby authorized and empowered to execute on behalf of South Coast AQMD grant agreements with CARB and all other necessary documents to implement and carry out the purposes of this Resolution.

Date

Faye Thomas, Clerk of the Board

Table 1: Total Amount of Available Funds			
Funding Source	Available Project Funds	Grant Number	Comment
Carl Moyer Program	\$31,950,234 (Year 23) \$84,632,901 (Year 24)	G20-MO-30 TBD	FY 2020-21 total grant award: \$34,080,250 (6.25% admin) FY 2021-22 total grant award: \$90,275,094 (6.25% admin)
Carl Moyer Program – Returned Funds	\$25,858	N/A	Returned funds from Carl Moyer Program
Carl Moyer/State Reserve Interest Funds*	\$51,480	N/A	Total unobligated interest funds in Fund 32 as of 6/1/2020 through 5/31/2021 including interest from both Carl Moyer and State Reserve Programs.
AB 923 Match Funds	\$4,345,232 (Year 23) \$11,510,074 (Year 24)	N/A	Required match for Carl Moyer Program Years 23 & 24, less 15% as South Coast AQMD's in-kind contribution allowed by the Carl Moyer Program.
State Reserve (ZE Infrastructure)	\$3,518,728	G20-MSR-20	Year 23: \$3,753,310 (6.25% admin)
FARMER (Year 4) and FARMER Interest	\$1,902,977	TBD	FY 2021-22 total grant award: \$2,004,000 (6.25% admin), including \$24,227 in FARMER interest
Community Air Protection Program Incentives	\$2,785,000**	G19-MCAP-03-01	CAPP Year 3 Grant: \$36.7 million in project funds remaining for air quality priorities established by AB 617 communities.
Total	\$140,722,484		

*These interest funds are comprised of \$5,119 from SB 1107, \$17,445 in Multi-District, and \$28,916 State Reserve interest funds.

**Of the \$36.7 million remaining in CAPP Year 3 project funds, this amount represents one eligible zero-emission marine repower project consistent with the air quality priorities and funding allocations established by the AB 617 Community Steering Committees.

Table 2A: Carl Moyer Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
AAA Farm, Inc.	Off Road - Agriculture	4	\$420,326
Agriscap, Inc.	Off Road - Agriculture	1	\$141,921
Alberto Rodriguez Cruz	Off Road - Agriculture	1	\$77,154
Alejandro Galindo, dba Osuna Farm	Off Road - Agriculture	2	\$118,330
Alvaro Espinosa dba Espinosa Trucking	On Road	1	\$149,080
American Marine Corporation	Marine	1	\$30,215
Anthony Vineyards, Inc.	Off Road - Agriculture	5	\$365,225
Antonio Ramirez dba Coachella Valley Land Preparation	Off Road - Agriculture	2	\$304,140
Audencio Martinez Espinoza	Off Road - Agriculture	1	\$198,365
BiCoastal Trucking Inc.*	On Road	1	\$149,080
BNSF Railway Company	Off Road-SOON	1	\$81,104
Bosch Dairy #2	Off Road - Agriculture	1	\$209,747
Brito Ranches LP	Off Road - Agriculture	1	\$71,700
Burnt Valley Land & Cattle, LLC	Off Road - Agriculture	3	\$297,836
C&C Scrap Services, Inc. DBA D&M Metals, LLC	Off Road	2	\$275,446
Cal-Coast Construction Specialists, Inc.	Off Road	1	\$127,339
California Paving and Grading Co., Inc	Off Road	1	\$113,073
California Science Center Foundation	Marine	2	\$163,922
California Steel Industries, Inc.	Locomotive	4	\$8,075,000
California Waste Services LLC	Off Road-SOON	3	\$139,064
Christopher C. Castro	Marine	2	\$207,200
Citrus Pro Inc., dba Serrato Farm Labor Contractors	Off Road - Agriculture	1	\$66,672
City of Hawaiian Gardens	Off Road	1	\$15,807
Cody Martin	Marine	1	\$96,800
Commercial Coating Co., Inc.	Off Road-SOON	10	\$232,491
D. L. Wiest Enterprises Inc.	Off Road	1	\$690,130
DDR Transport, Inc	On Road	1	\$93,175
Dependable Highway Express, Inc.*	Off Road	27	\$1,090,064
Desert Custom Farming, Inc.	Off Road - Agriculture	1	\$80,561

Table 2A: Carl Moyer Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
Desert Empire Mobile Homes	Off Road - Agriculture	1	\$122,409
Domenigoni Bros Ranch, LP	Off Road - Agriculture	1	\$97,601
Dorsey Family Groves, LLC	Off Road - Agriculture	2	\$155,170
Duffield Marine Inc.	Off Road	1	\$26,652
Eagle Rock Aggregates, Inc.*	Off Road - Cargo Handling Equipment	2	\$97,957
EPC Landscaping LLC	Off Road - Agriculture	10	\$1,046,016
Everport Terminal Services Inc.*	Off Road - Cargo Handling Equipment	1	\$729,352
F E Zimmer Inc.	Off Road-SOON	1	\$95,093
F Mendez Trucking*	On Road	2	\$298,160
FasTrack Rentals, Inc.	Off Road	1	\$245,547
Fischer Inc.	Off Road	2	\$214,775
Fury Sea Adventures Inc.	Marine	2	\$201,600
Gless Ranch, Inc.	Off Road - Agriculture	19	\$1,015,432
Green Horse Polo Park Owners Association, Inc.	Off Road - Agriculture	1	\$101,721
Greg Anderson	Off Road - Agriculture	1	\$97,489
Gregory L. Watson	Marine	1	\$118,400
Groundtackle Holdings LLC	Marine	6	\$383,514 ^a
Guillermo Gonzales	Off Road - Agriculture	1	\$148,269
Hanson Fisheries Corp.	Marine	2	\$389,600
Harbor Dockside, Inc.	Marine	4	\$590,800
Harry Prouty dba DaVinci Charters	Marine	2	\$1,072,000
Hondo Framing, Inc.	Off Road	1	\$113,411
Irvine Ranch Water District	Off Road	3	\$21,763
J & T Sportfishing Inc.	Marine	1	\$145,600
J&M Marine Investment LLC	Marine	2	\$238,400
James Cvitanovich	Marine	2	\$134,311
James McMinn Inc.	Off Road-SOON	2	\$1,645,020
Jim Bootsma Jr.	Off Road - Agriculture	2	\$308,692
Jose Cesena	Marine	1	\$86,400
Jose Luis Torres Medina	Off Road - Agriculture	1	\$134,863
Juan Antonio Rios Luna	Off Road - Agriculture	1	\$111,797
Junior Enterprises, LLC	Off Road - Agriculture	2	\$368,821
Kargo Transportation, Inc.	On Road	3	\$268,946
Kathleen A. Weber Inc. DBA Sudoka Ranch	Off Road - Agriculture	1	\$58,621

Table 2A: Carl Moyer Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
Kip Construction Services Inc	Off Road-SOON	2	\$291,350
Kissel Boat Designs LLC	Marine	2	\$224,800
Kramar's Iron & Metal, Inc	Off Road-SOON	3	\$226,067
La Quinta Country Club	Off Road	1	\$70,985
La Quinta Date Growers, L.P.	Off Road - Agriculture	1	\$64,435
Long Beach Container Terminal*	Off Road - Cargo Handling Equipment	1	\$20,000
Luna Logistics Inc.	On Road	1	\$99,353
Mambo Marine, LLC	Marine	2	\$307,200
Martin Mora	Off Road - Agriculture	6	\$491,381
Matteo Candela dba Lady Mercedes Sportfishing	Marine	1	\$91,128
McMinn Equipment Rental	Off Road-SOON	23	\$6,555,310
MKP Construction Inc.	Off Road	2	\$176,278
National Distribution Centers LLC*	Off Road - Cargo Handling Equipment	14	\$628,432
Native Sun Sportfishing, Inc.	Marine	2	\$323,600
Noe Espinoza	Off Road - Agriculture	1	\$51,720
Oak Glen Winery, LLC	Off Road - Agriculture	1	\$75,779
Olivas Foundation Drilling Inc	Off Road	4	\$275,108
Peed Equipment Company	Off Road-SOON	13	\$2,532,314
Pomona Scrap Metal Inc.	Off Road	2	\$758,011
Post Bros Construction Company	Off Road	1	\$156,230
Pro-Organic Farms, LLC	Off Road - Agriculture	1	\$233,171
Quality Turf, Inc.	Off Road - Agriculture	1	\$68,102
Raymond Thomas Durr dba TD Tradition LLC	Marine	2	\$168,800
Redondo Special LLC	Marine	1	\$110,400
Rentrac, Inc.	Off Road-SOON	4	\$1,980,186
RF Dickson*	On Road	2	\$249,080
RJ's Demolition and Disposal	Off Road - Agriculture	3	\$332,175 ^b
Robert K. Johnson	Off Road	1	\$80,832
Rockview Dairies Inc dba Rockview Farms*	Off Road	2	\$517,402
Rolling Camel Ranches, Inc.	Off Road - Agriculture	2	\$680,528
RRM Properties, LTD.	On Road	2	\$299,176
SA Recycling	Off Road - Cargo Handling Equipment	8	\$545,902
	Off Road-SOON	7	\$28,808

Table 2A: Carl Moyer Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
Salvador Mora	Off Road - Agriculture	2	\$209,907
Salvador Pina	Off Road - Agriculture	1	\$55,896
Southern California Regional Rail Authority	Locomotive	16	\$51,599,293 ^c
Southern California Regional Rail Authority*	Off Road	1	\$318,142
Steve Zimmer General Engineering Contractor	Off Road-SOON	3	\$270,824
Stice Company Inc.	Off Road-SOON	3	\$352,522
Sunrise Marsh, LLC	Off Road - Agriculture	2	\$205,502
TGI Equipment Corporation	Off Road-SOON	63	\$10,424,532
Total Terminals International, LLC	Off Road - Cargo Handling Equipment	4	\$639,391
ToursX, LLC	Marine	3	\$115,801
Trans Caba Inc.	On Road	1	\$144,867
Transito Castellanos	Off Road - Agriculture	3	\$320,162
Triple B Farms Inc.	Off Road - Agriculture	4	\$922,232
TST, Inc.	On Road	2	\$121,992
UCLA Transportation	On Road	5	\$121,189
Union Pacific Railroad Company	Locomotive	3	\$7,157,737
Universal City Studios LLC	Off Road	12	\$7,548,060
USA Waste of California, Inc.	On Road	4	\$79,592
Ventura Transfer Company	Off Road	1	\$339,589
Ventura Transfer Company	Off Road-SOON	1	\$162,604
Washburn Grove Management Inc.	Off Road - Agriculture	2	\$345,548
Waste Management Collection & Recycling, Inc.	On Road	4	\$65,725
WattEV, Inc.	Infrastructure	See Table 3 9 fast chargers	\$1,288,949 ^d
West Coast Turf	Off Road - Agriculture	2	\$144,682
Weyerhaeuser Company*	Off Road - Cargo Handling Equipment	3	\$322,995
Whittier Fertilizer Company	Off Road	2	\$52,875
Williams Heavy Equipment Rentals Inc	Off Road	1	\$81,278 ^e
Williams Recycling Co., Inc.	Off Road	1	\$75,919
Yes Cargo, Inc.	On Road	1	\$149,080
Yusen Terminals LLC*	Off Road - Cargo Handling Equipment	7	\$82,800

Table 2A: Carl Moyer Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
Total		443	\$127,398,897

*This project is pending CARB case-by-case approval and/or South Coast AQMD qualification check

^a This project is split funded using \$440,700 in CAPP Year 3 and \$383,514 in Moyer SB1107 with a total not to exceed \$824,214

^b This project is split funded with \$25,719 in FARMER and \$332,175 in Moyer SB1107 for total not to exceed \$357,894

^c The remaining balance of this project in the amount of \$3,344,051 was placed on the backup list and a portion of this project was awarded under Carl Moyer in the amount of \$51,599,293. In addition, this project is split funded with \$15,855,306 in AB923 Match funds and \$35,743,987 in Moyer SB1107 for a total of \$51,599,293

^d This project is split funded with \$389,130 in State Reserve and \$1,288,949 in Moyer SB1107 for a total not to exceed \$1,678,079

^e This project will be funded with \$5,119 from SB1107 Carl Moyer Interest, \$17,445 in Multi-District Interest, \$28,916 State Reserve interest, and \$29,798 in Moyer SB1107 funds for a total not to exceed \$81,278

Table 2B: SOON Provision Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
Peed Equipment Company	Off-Road - SOON	13	\$3,133,846
Rentrac, Inc.	Off-Road - SOON	4	\$1,983,036
Total		17	\$5,116,882

Table 3: State Reserve (Zero-Emission Infrastructure Projects)			
Applicant	Station Type	Description	Recommended Award
City of Glendale - Transit	New Private Battery Charging Station	6 fast chargers	\$225,000
City of Glendora	New Private Battery Charging Station	4 fast chargers	\$107,776
County Sanitation Districts No. 2 of Los Angeles County	New Private Battery Charging Station	2 fast chargers	\$132,031
	New Private Battery Charging Station	4 chargers 1 forklift	\$149,087
Dependable Highway Express, Inc.	New Private Battery Charging Station	18 forklift chargers	\$72,345
	New Private Battery Charging Station	5 forklift chargers	\$18,928
	New Private Battery Charging Station	1 forklift charger	\$4,962
National Distribution Centers LLC.	New Private Battery Charging Station	14 forklift chargers	\$45,890
RRM Properties, LTD.	New Private Battery Charging Station	4 fast chargers	\$325,000
UCLA Transportation	New Private Battery Charging Station	5 fast chargers	\$370,500

Table 3: State Reserve (Zero-Emission Infrastructure Projects)			
Applicant	Station Type	Description	Recommended Award
WattEV, Inc.	New Public Battery Charging Station	9 fast chargers	\$1,678,079
	New Public Battery Charging Station	See Table 2A	\$389,130 ^a
Total		12 Stations	\$3,518,728

* This project is pending CARB case-by-case approval and/or South Coast AQMD qualification check

^a This project is split funded with \$389,130 in State Reserve and \$1,288,949 in Moyer SB1107 for a total not to exceed \$1,678,079

Table 4: FARMER Program Awards			
Applicant	Category	Number of Engines / Vehicles	Recommended Award
AAA Farm, Inc.	Off Road - AG	2	\$104,815
Boersma Dairy*	Off Road - AG	4	\$396,723
Domenigoni Bros Ranch, LP	Off Road - AG	1	\$164,717
Donald J. Arias	Off Road - AG	1	\$57,117
Gless Ranch, Inc.	Off Road - AG	1	\$86,179
Junior Enterprises, LLC	Off Road - AG	1	\$381,419
Nature's Best Farms	Off Road - AG	1	\$151,371
Nick Nuciforo	Off Road - AG	1	\$141,530
Ramona Dairy	Off Road - AG	2	\$295,364
Redwood Products Inc.	Off Road - AG	1	\$98,023 ^a
RJ's Demolition and Disposal	Off Road - AG	See Table 2A	\$25,719 ^b
Total		15	\$1,902,977

*This unit is pending CARB case-by-case approval and/or South Coast AQMD qualification check

^a This project is split funded with \$24,277 in FARMER Interest and \$73,746 in FARMER funds for a total not to exceed \$98,023

^b This project is split funded with \$25,719 in FARMER and \$332,175 in Moyer SB1107 for total not to exceed \$357,894

Table 5: CAPP Incentive Awards in the Wilmington/West Long Beach/Carson AB617 Community			
Applicant	Category	Number of Engines	Recommended Award
Catalina Channel Express Inc.	Marine	4	\$2,344,300
Groundtackle Holdings LLC	Marine	See Table 2A	\$440,700 ^a
Total		4	\$2,785,000

^a This Project is split funded using \$440,700 in CAPP Year 3 and \$383,514 in Moyer SB1107 with a total not to exceed \$824,214

Table 6: Backup List			
Applicant	Category	Number of Engines / Vehicles / Stations	Recommended Award
Southern California Regional Rail Authority	Locomotive	See Table 2A	\$3,344,051 ^a
	Locomotive	2	\$6,867,918
	Locomotive	2	\$6,867,918
	Locomotive	2	\$6,867,918
	Locomotive	2	\$6,867,918
	Locomotive	2	\$6,867,918
	Locomotive	2	\$6,867,918
Crowley Marine Services, Inc.*	Marine	4	\$21,029,000
Total		16	\$65,580,559

*This project is pending CARB case-by-case approval and/or South Coast AQMD qualification check

^a The remaining balance of this project was placed on the backup list and a portion of this project was awarded under Carl Moyer in the amount of \$51,599,293.

Table 7: Backup Infrastructure List			
Applicant	Station Type	Description	Recommended Award
American Natural Gas Los Angeles, LLC	New Public Renewable Natural Gas Station	3 fast-fill dual-hose dispensers	\$2,426,973
City of Banning	Private Renewable Natural Gas Station Expansion	Add 11 time-fill dual-hose posts	\$430,125
	New Public Renewable Natural Gas Station	1 fast-fill dual-hose dispenser	\$377,550
Clean Energy	New Public Hydrogen Fueling Station	1 fast-fill dual-hose dispenser	\$3,659,143
	New Private Renewable Natural Gas Station	90 time-fill hoses	\$1,032,708
	New Public Renewable Natural Gas Station	2 fast-fill dual-hose dispensers	\$219,622

Table 7: Backup Infrastructure List			
Applicant	Station Type	Description	Recommended Award
	New Private Renewable Natural Gas Station	129 time-fill hoses	\$1,105,347
	New Public Renewable Natural Gas Station	2 fast fill dual-hose dispensers	\$2,674,662
County Sanitation Districts No. 2 of Los Angeles County	New Public Renewable Natural Gas Station	5 fast-fill single-hose dispensers	\$2,185,438
Crowley Marine Services	New Private Battery Charging Station with Solar	3 ZE tugboat charging station with energy storage	\$4,192,500
Equilon Enterprises LLC dba Shell Oil Products US	New Public Renewable Natural Gas Station	Add 2 fast-fill dual-hose dispensers	\$1,000,000
	New Public Renewable Natural Gas Station	2 fast-fill dual-hose dispensers	\$1,000,000
Fontana Unified School District	New Private Battery Charging Station	10 fast chargers	\$3,400,000
Harbor Truck Stop	New Public Renewable Natural Gas Station	5 fast-fill dual-hose dispensers	\$1,764,490
MEB Service and Repair Inc.	New Private Renewable Natural Gas Station	4 time-fill and 1 fast-fill hoses	\$300,587
Nikola Corporation	New Public Hydrogen Fueling Station	2 fast-fill dual-hose dispensers	\$4,434,735
Rialto Unified School District	New Private Battery Charging Station	8 fast chargers	\$685,000
Synergy Companies	New Private Renewable Natural Gas Station	1 fast-fill dual-hose dispenser	\$335,600
The City of Santa Ana	Private Renewable Natural Gas Station Expansion	Add 20 time-fill dual-hose posts	\$1,100,000
TruStar Energy, LLC	New Private Renewable Natural Gas Station	22 time-fill single-hose dispensers	\$721,100
	New Private Renewable Natural Gas Station	25 time-fill hoses and 2 fast-fill hoses	\$1,129,946
		Total	\$34,175,526

Agenda Item #1

Implement Carl Moyer, SOON, State Reserve, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs

Walter Shen

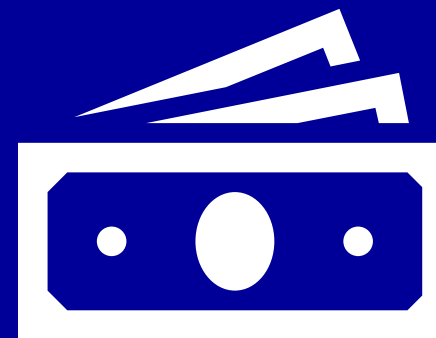
Background

- In March 2021, a Program Announcement for the Carl Moyer and SOON Program was released
- In April 2021, South Coast AQMD received \$34M from CARB for FY 20/21 Carl Moyer Year 23
 - \$90M tentative allocation for Carl Moyer Year 24
- In addition to Carl Moyer Program funds, other funding sources available this year include:
 - AB 617 Community Air Protection Program (CAPP)
 - Funding Agricultural Replacement Measures for Emission Reductions (FARMER)
 - State Reserve



Background (cont'd)

- South Coast AQMD plans to combine Carl Moyer funding from two fiscal years (Year 23 and 24)
 - Including funds from AB 1274 (expansion of smog check exemptions)
- Eligible projects under AB 617 CAPP and State Reserve Program:



Program	Eligibility	Proposed Projects
AB 617 CAPP	Priorities and actions identified by AB 617 Community Steering Committee members	(2) marine repower projects in Wilmington / West LB / Carson
State Reserve	Zero-emission infrastructure projects	(12) charging stations

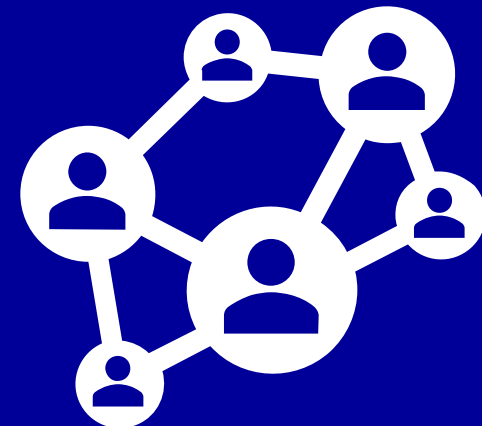
Total Project Funds Available

Funding Source	Grant Amount
Carl Moyer Project Funds (SB 1107)	\$116,608,993
Carl Moyer/State Reserve Interest Funds	\$51,480
Carl Moyer - District Match Funds (AB 923)	\$15,855,306
State Reserve Funds	\$3,518,728
FARMER	\$1,878,750
FARMER Interest	\$24,227
CAPP Incentives	\$2,785,000
Total Available Funds:	\$140,722,484

Outreach

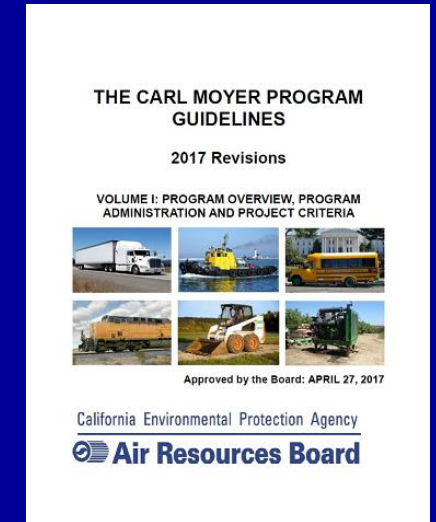
In addition to regular outreach for Carl Moyer Program funding:

- Dissemination of program brochures and staff support at AB 617 Community Steering Committee (CSC) meetings
- Coordination with Ports of Los Angeles and Long Beach
- Emails to list serve subscribers
- Social media



Proposal

- All projects were evaluated for eligibility based on CARB's Carl Moyer Program Guidelines (April 2017)
 - Over 80% of all eligible projects are located in disadvantaged and low-income communities (DAC)
- Project Selection Criteria:



**Priority to Most
Cost-Effective
Projects**

**State Reserve
Zero-Emission
Infrastructure
Projects**

**AB 617 CAPP
Incentives
Priorities and Actions
Established by AB
617 CSC Members**

**All Remaining
Projects
Backup List**

Benefits to South Coast AQMD

Program	Estimated Emission Reductions (tons/year)*	
	NOx	PM
Carl Moyer/SOON Provision	397.5	8.2
State Reserve	NA	NA
FARMER	17.9	1.3
CAPP Incentives	18.9	1.0
Total	434.3	10.5

*Over 80% of recommended and backup projects are expected to benefit DACs or low-income communities.

Recommended Actions

- Adopt Resolutions recognizing up to \$91M in Carl Moyer Program funds and up to \$3M in FY 21/22 FARMER Program into the Carl Moyer Program Fund (32)
- Authorize the Chairman to execute contracts for:

Projects	Amount Not to Exceed
Carl Moyer and SOON Provision	\$132,515,779
Zero-emission infrastructure projects	\$3,518,728
Off-Road Agricultural projects	\$1,902,977
AB 617 CAPP Marine projects	\$2,785,000
Total	\$140,722,484

Recommended Actions (cont'd)

- Execute contracts from projects on the backup list if returned, unexpended or additional funds become available
- Authorize EO to redistribute source of funds within and/or between Carl Moyer Program (including SOON, State Reserve, FARMER, associated interest & match funds), Prop 1B, VIP, Rule 2202 AQIP and CAPP incentives to meet program and liquidation requirements
- Reimburse the General Fund from the Carl Moyer Program Fund (32) for administrative costs related to the FARMER Program in an amount not to exceed \$125,250