

BOARD MEETING DATE: January 8, 2021

AGENDA NO. 4

PROPOSAL: Implement Year 22 Carl Moyer, SOON, Rule 2202 AQIP, FARMER and Community Air Protection Programs by Recognizing Funds from CARB, Executing and Amending Contracts, and Reimbursing Administrative Costs

SYNOPSIS: In August 2020, the Program Announcements for the Year 22 Carl Moyer and Surplus Off-Road Op-In for NOx (SOON) Programs closed. This year, in addition to the traditional sources of Carl Moyer and AB 923 funds, funding from the Community Air Protection Program (CAPP), Rule 2202 Air Quality Investment Program (AQIP) and Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program will also be available to fund Carl Moyer and SOON projects. These actions are to: 1) amend a Resolution to recognize additional Community Air Protection Program funds from CARB; 2) execute contracts for Year 22 Carl Moyer, SOON, Rule 2202 AQIP, FARMER and Community Air Protection Programs; 3) amend a contract for continued technical assistance related to implementation of the Carl Moyer Program, 4) authorize the Executive Officer to redistribute the source of funds for the various incentive program grants to ensure program liquidation targets are met; and 5) reimburse administrative costs for the Community Air Protection Program.

COMMITTEE: Technology, December 18, 2020; Recommend for Approval

RECOMMENDED ACTIONS:

1. Adopt the attached amended Resolution recognizing, upon receipt, additional funds from CARB for a total grant award not exceeding \$80 million in FY 2019-20 CAPP incentive funds into the Community Air Protection AB 134 Fund (77);
2. Authorize the Chairman to:
 - a) Execute contracts for the Year 22 Carl Moyer and SOON Provision Programs as listed in Tables 2A and 2B, respectively, in an amount not to exceed \$39,664,068, comprised of \$33,959,122 from the Carl Moyer

- Program Fund (32) – SB 1107, \$970,779 from interest funds accrued in the Carl Moyer Program Fund (32) – SB 1107, and \$45,459 from interest funds accrued in the Carl Moyer Fund Program Fund 32 – Multi-District, \$70,267 interest funds accrued in the Carl Moyer Fund Program Fund 32 – State Reserve, \$4,618,441 from the Carl Moyer AB 923 Fund (80);
- b) Execute off-road equipment contracts as listed in Table 3, in an amount not to exceed \$4,803,055, from the Rule 2202 AQIP Fund (27);
 - c) Execute off-road agricultural contracts for the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program as listed in Table 4, in an amount not to exceed \$711,736, comprised of \$706,804 from the FY 2019-20 Carl Moyer Program Fund (32) – FARMER grant, and \$4,932 in returned funds from FY 2018-19 FARMER grant;
 - d) Execute contracts for mobile source projects for the AB 617 Community Air Protection Program (Year 3) as listed in Tables 5A-5D, in an amount not to exceed \$37,762,509 from the Community Air Protection AB 134 Fund (77);
 - e) Execute contracts from the backup projects as listed in Table 6, 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, State Reserve, Rule 2202 AQIP, FARMER or Community Air Protection Programs;
3. Amend a contract with Green Paradigm Consulting, Inc. for continued technical assistance with implementation of the Carl Moyer Program in an amount not to exceed \$100,000 from the administrative portion of the Carl Moyer Program (Fund 32);
 4. 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, 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 Community Air Protection Program Fund (77) in an amount not to exceed \$600,422.

Wayne Nastri
Executive Officer

Background

In June 2020, the South Coast AQMD executed a grant agreement with CARB to receive the first installment of Year 3 Community Air Protection Program (CAPP) incentive funds totaling \$69,824,849, including 6.25 percent in administrative funds. In September 2020, the Board adopted a Resolution to recognize and receive these funds. Subsequently, CARB granted approximately \$9.6 million in additional funds to the South Coast AQMD resulting in a total Year 3 CAPP incentives grant award of \$79,431,606.99, including 6.25 percent in administrative funds. To receive these additional funds, an amended Board Resolution is required by CARB prior to disbursement of the funds. Mobile source projects that are eligible for Year 3 CAPP incentives include those implemented through applications received under the Carl Moyer Program.

In March 2020, South Coast AQMD received a CARB grant for FY 2019-20 Carl Moyer Program (Year 22) in the amount of \$36,223,063, including 6.25 percent in administrative funds. The required match from the South Coast AQMD is \$5,433,459, of which 15 percent of these funds will be used for the in-kind contribution as allowed by the Carl Moyer Program. This year, in addition to the Carl Moyer Program funds, other sources of funds are available that can be used to fund projects under the Carl Moyer Program. These include AB 617 CAPP incentives, Rule 2202 Air Quality Investment Program (AQIP) and FARMER funds. Except for the CAPP incentive funds, all of the funding sources identified in this Board letter have been recognized by the Board in earlier actions.

The South Coast AQMD released Program Announcements (PAs) to solicit projects for the Carl Moyer and SOON Provision Programs in March 2020. The PAs were heavily oversubscribed with funding requests from applicants far exceeding the amount of available funds. Since mobile source projects eligible under the Carl Moyer Program may be considered for funding through the CAPP, Rule 2202 AQIP and FARMER, 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.

Rule 2202 – On-Road Motor Vehicle Mitigation Options provides employers with a menu of options from which they can choose to implement to comply with the rule. One of these options is the Air Quality Investment Program (AQIP). An employer may elect to participate in the AQIP by investing a certain amount per employee either annually or triennially to the South Coast AQMD. The AQIP funds are maintained in a restricted fund account administered by the South Coast AQMD (Fund 27) and are used to fund proposals that will reduce emissions equivalent to an emission reduction target (ERT) based on the level of employer participation in the AQIP. The AQIP funds are available for eligible projects submitted through the Carl Moyer Program.

In February 2018, the Board approved RFQ #Q2018-12 to solicit proposals for technical assistance for the implementation of various incentive funding programs, including the

Carl Moyer Program. The RFQ solicited statements of qualifications from individuals and organizations potentially capable of providing technical assistance in a variety of areas to support staff activities. The RFQ sought companies or individuals to provide assistance in assessment of zero emissions and goods movement technologies; technical assistance for feasibility studies of stationary and mobile emissions control technologies; emissions assessment of new alternative fuel technologies; evaluation of innovative emissions control systems; assessment of economic, regulatory and technical barriers to the commercialization of clean fuels and advanced technologies; and to implement various incentive programs.

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 regular 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; and 5) enhanced outreach to agricultural communities in the Coachella Valley region.

Proposal

For the Carl Moyer, SOON Provision, Rule 2202 AQIP and 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 Air Quality Management Plan. For the Rule 2202 AQIP, staff also allocated the funds proportional to the contribution level of employers within each county to the greatest extent feasible, in accordance with the Rule 2202 Implementation Guidelines. Projects were selected with a cost-effectiveness up to \$30,000 per weighted ton of NOx, PM and

ROG emissions reduced. The remaining projects were placed on a back-up list for future consideration in the event any returned or unexpended funds become available.

These actions are to: 1) adopt the attached amended Resolution recognizing additional funds from CARB, not exceeding \$80 million in FY 2019-20 CAPP incentive funds in the Community Air Protection AB 134 Program Fund (77); 2) authorize the Chairman to execute contracts for the Year 22 Carl Moyer Program and SOON Provision as listed in Tables 2A and 2B, in an amount not to exceed \$39,664,068, comprised of \$33,959,122 from the Carl Moyer Program Fund (32) – SB 1107, \$970,779 from interest funds accrued in the Carl Moyer Program Fund (32) – SB 1107, \$45,459 from interest funds accrued in the Carl Moyer Fund Program Fund (32) – Multi-District, \$70,267 interest funds accrued in the Carl Moyer Fund Program Fund (32) – State Reserve, and \$4,618,441 from the Carl Moyer AB 923 Fund (80); 3) authorize the Chairman to execute contracts listed in Table 3 from the Carl Moyer Program Fund (32) in an amount not to exceed 4,803,055, from the Rule 2202 AQIP Fund (27); and 4) authorize the Chairman to execute contracts listed in Table 4 for the FARMER Program, in an amount not to exceed \$711,736, comprised of \$706,804 from the FY 2019-20 Carl Moyer Program Fund (32) - FARMER grant, and \$4,932 in returned funds from FY 2018-19 FARMER grant.

Staff also recommends amending a contract with Green Paradigm Consulting, Inc. for continued support in providing technical assistance with implementation of the Carl Moyer Program, in an amount not to exceed \$100,000 from the administrative portion of the Carl Moyer Program.

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.

All applications received under this year's Carl Moyer Program have been evaluated for completeness and eligibility according to CARB's Carl Moyer Program Guidelines approved in April 2017. Due to the oversubscription of the program this year and given the funding sources that are available, only those projects that are domiciled in or operate a majority of time in a disadvantaged and/or low-income community were selected for funding consideration. The following selection criteria were used by staff for the final recommendation of awards. First, projects located within one of the AB 617 communities (either approved or under consideration for approval) were selected for funding. These projects are located in the following AB 617 communities: Wilmington/

Carson/West Long Beach, East Los Angeles/Boyle Heights/West Commerce, San Bernardino/Muscoy, Eastern Coachella Valley and Southeast Los Angeles. At AB 617 Community Steering Committee (CSC) meetings held in October and December 2020, staff presented an update on the CAPP incentive projects, including projects awarded in past Board actions and the proposed recommended project awards identified in this Board letter. Staff will continue to work closely with the CSCs to identify targeted outreach opportunities and additional incentive funding opportunities through the CAPP. The proposed recommended projects will result in direct emissions reduction benefits to the AB 617 communities and contribute to the emissions reduction goals identified in the Board-approved Community Emission Reduction Plans.

Additionally, staff recommends funding projects that will deploy and support near-zero emission technologies and achieve near-term NOx emission reductions in disadvantaged and low-income communities. Staff also recommends funding additional projects that are located in disadvantaged and/or low-income communities that are among the most cost-effective projects meeting program requirements. This action is to execute contracts for mobile source projects for the AB 617 CAPP (Year 3) as listed in Table 5 in an amount not to exceed \$37,762,509. A total of \$36,704,622.55 in CAPP incentive funds remain and will be available for other 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). Staff will be working with the CSCs to finalize an investment strategy and develop project plans, as needed, for the remaining CAPP incentive funds, within the timelines included in the grant agreement.

In the event some projects are not implemented or there are returned funds from any of the funding sources identified in this Board letter, staff recommends execution of contracts from the backup list in Tables 6 & 7, with priority for the most cost-effective projects.

Lastly, this action is to reimburse the General Fund for administrative costs related to the additional Year 3 Community Air Protection Program incentive funds in amount not to exceed \$600,422.36.

Disadvantaged and Low-Income Communities

Consistent with the requirements of AB 1390, the South Coast AQMD 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 CAPP incentives grant award specifies a much higher target for benefits to priority communities, including at least 72 percent of the CAPP incentive funds for

projects located in SB 535 disadvantaged communities and at least 80 percent of the funds for projects benefiting AB 1550 communities. The qualification of the projects are 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.

Due to the high number of applications received under the Carl Moyer Program this year, staff prioritized those projects that qualified in disadvantaged and low-income communities only. Consequently, 100 percent of the projects recommended for funding under the Carl Moyer, Rule 2202 AQIP, 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. Additionally, the backup list also includes some highly cost-effective marine projects that are not domiciled in a designated disadvantaged or low-income communities but provide air quality benefits to those communities.

Funding Distribution

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 benefits to disproportionately impacted communities, the CAPP incentive grant specifies a priority for zero emission projects, whenever feasible, including charging/fueling infrastructure for zero emission vehicles/equipment.

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%);
- Disadvantaged and low-income communities (no less than 50%);
- 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), Rule 2202 AQIP, FARMER and CAPP will reduce emissions of NOx, 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 the recommended awards:

| Program | Estimated Emission Reductions (tons/year) | |
|---------|--|----|
| | NOx | PM |
| | | |

| | | |
|---------------------------|-------|------|
| Carl Moyer/SOON Provision | 231.9 | 4.1 |
| Rule 2202 AQIP | 29.4 | 1.5 |
| FARMER | 5.8 | 0.3 |
| CAPP Incentives | 123.5 | 6 |
| Total | 390.6 | 11.9 |

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 Year 22 Carl Moyer Program, SOON Provision, Rule 2202 AQIP, FARMER and FY 2019-20 CAPP will not exceed \$82,941,368, comprised of the following funding sources:

| Program | Total Funds Awarded |
|---|---------------------|
| Carl Moyer SB 1107 (Fund 32) | \$33,959,122 |
| Carl Moyer/State Reserve Interest Funds (Fund 32) | \$1,086,505 |
| Carl Moyer AB 923 Match Funds (Fund 80) | \$4,618,441 |
| Rule 2202 Air Quality Improvement Program | \$4,803,055 |
| FARMER (Fund 32) | \$711,736 |
| CAPP Incentives (Fund 77) | \$37,762,509 |
| Total | \$82,941,368 |

Attachments

Amended Resolution

Table 1: Total Amount of Available Funds

Table 2A: Carl Moyer Program Awards

Table 2B: SOON Provision Awards

Table 3: Rule 2202 AQIP Awards

Table 4: FARMER Program Awards

Table 5: CAPP Incentive Awards in AB 617 Communities

Table 6: Recommended List of Backup Projects

Table 7: Other Cost-Effective Marine Projects

AMENDED RESOLUTION NO. 20-

**A Resolution of the South Coast Air Quality Management District Governing Board
Recognizing FY 2019-20 Community Air Protection Incentive 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 8, 2021, does hereby recognize up to \$80 million in FY 2019-20 (Year 3) Community Air Protection Program incentive 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

| Table 1: Total Amount of Available Funds | | | |
|---|--------------------------------|---------------------|--|
| Funding Source | Available Project Funds | Grant Number | Comment |
| Carl Moyer Program (Year 22) | \$33,959,122 | G19-MO28 | Total grant award: \$36,223,063, including 6.25% in administrative funds. |
| Carl Moyer/State Reserve Interest Funds* | \$1,086,505 | n/a | Total unobligated interest funds in Fund 32 as of 5/31/20, including interest from both Carl Moyer and State Reserve Programs. |
| AB 923 Match Funds | \$4,618,441 | n/a | The amount of \$5,433,459 is the required match amount for Year 21, less 15% as South Coast AQMD's in-kind contribution allowed by the Program |
| Rule 2202 Air Quality Improvement Program | \$4,803,055 | n/a | Total funds available for emission reduction projects. |
| FARMER | \$711,736 | G19-AGIP-18-1 | Total grant award: \$762,690, including \$55,886 in administrative funds. Plus, returned funds from FARMER Year 2 totaling \$4,932. |
| Community Air Protection Program Incentives | \$37,762,509** | G19-MCAP-03-01 | Total grant award: \$79,431,606.99, including 6.25% in administrative funds. |
| Total | \$82,941,368 | | |

*These interest funds are comprised of \$970,779 SB 1107, \$45,459 Multi-District, and \$70,267 State Reserve interest funds.

**This figure represents 50.7 percent of the FY 2019-20 Community Air Protection Program (CAPP) incentives that are available for projects in this Board letter. Staff will be working with the CSCs to finalize an investment strategy and develop project plans, as needed, for the remaining funds.

Table 2A: Carl Moyer Program Awards

| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
|---|---|--|--------------------------|
| Emerald Acres LLC | Off-Road Agriculture | 1 | \$352,045 ^a |
| Avalon Mooring & Diving Service, Inc. | Marine | 1 vessel (2 engines) | \$67,827 ^b |
| Riverside County | Emergency (Diesel Prison Transport Bus) | 1 | \$111,945 ^c |
| CR & R Incorporated | Low-NOx | 1 | \$38,740 ^d |
| Federico Garcia | Low-NOx Drayage Truck | 1 | \$62,721 ^d |
| USA Waste of California, Inc. | Low-NOx Solid Waste Truck | 1 | \$34,601 ^d |
| Waste Management Collection & Recycling, Inc. | Low-NOx Solid Waste Truck | 18 | \$888,836 ^e |
| Stop and Save Gas Market, Inc. (Speedy Fuel Inc.) | New Public Natural Gas Station | Fast-fill, 1 dual-hose dispenser | \$840,960 |
| Arrow Disposal Services, Inc. | Private Natural Gas Station Expansion | Fast-fill, 4 dual-hose dispensers | \$100,000 |
| City of El Monte | New Public Natural Gas Station | Fast-fill, 3 dual-hose dispensers | \$1,437,505 |
| United Parcel Service | New Private Natural Gas Station | Fast-fill, 3 dual-hose dispensers | \$2,014,784 |
| American Natural Gas | New Private Natural Gas Station | Fast-fill, 3 dual-hose dispensers | \$765,423 |
| Anaheim Union High School District | New Private Natural Gas Station | Time-fill, 15 posts | \$482,150 |
| CR & R Incorporated | New Private Natural Gas Station | Time-fill, 48 posts | \$368,945 |
| Onboard Dynamics Inc. | New Private Natural Gas Station | Fast-fill, 3 dual-hose dispensers | \$178,116 |
| City of Beaumont | New Public Natural Gas Station | Fast-fill, 2 dual-hose dispensers and 55 time-fill posts | \$599,491 |
| CR & R Incorporated | New Private Natural Gas Station | Time-fill, 52 posts | \$491,540 |
| Orange Unified School District | Private Natural Gas Station Expansion | Time-fill, 24 posts | \$910,084 |
| 805 Fresh Inc. | Marine | 1 vessel (1 engine) | \$181,790 |
| Bogh Engineering Inc. | Off-Road | 1 | \$404,917 ^f |
| Brian Specht Ranch | Off-Road Agriculture | 1 | \$52,761 |
| Clark & Sons Inc | Off-Road - SOON | 1 | \$531,762 |
| Coburn Equipment Rentals Inc. | Off-Road - SOON | 25 | \$5,282,846 ^g |
| Dix Leasing Corporation | Off-Road - SOON | 2 | \$598,886 |

Table 2A: Carl Moyer Program Awards

| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
|--------------------------------------|----------------------|-----------------------------------|--------------------------|
| Emerald Acres LLC | Off-Road Agriculture | 4 | \$2,500,000 |
| Galleano Enterprises Inc. | Off-Road Agriculture | 1 | \$27,780 |
| Gordon Hay, Inc. | Off-Road Agriculture | 6 | \$857,024 |
| Hondo Framing, Inc. | Off-Road | 1 | \$87,265 |
| James McMinn Inc | Off-Road - SOON | 2 | \$1,052,171 |
| Lucky Farms, LLC | Off-Road Agriculture | 4 | \$339,507 |
| Marvo Holsteins | Off-Road Agriculture | 3 | \$614,783 |
| Michael De Hoog Dairy, LP | Off-Road Agriculture | 1 | \$183,928 |
| National Paving Company, Inc. | Off-Road | 3 | \$124,999 |
| Organic Depot LLC | Off-Road Agriculture | 2 | \$2,321,913 |
| Peed Equipment Company | Off-Road - SOON | 31 | \$6,027,188 |
| R.A. Landreth Equipment Incorporated | Off-Road | 1 | \$154,673 |
| T.G.I. Equipment Corporation | Off-Road - SOON | 2 | \$135,333 ^h |
| Tina McMinn Equipment Rental Inc | Off-Road - SOON | 4 | \$3,098,928 |
| Tony R. Crisalli Inc. | Off-Road | 2 | \$336,926 |
| Subtotal (Carl Moyer Awards) | | 134 | \$34,661,093 |

^a This project will be funded with \$622,955 in FARMER funds and \$352,045 in SB 1107 interest (as shown in this table) for a total amount not to exceed \$975,000.

^b This project will be funded with \$86,411 Rule 2202 AQIP funds and \$67,827 in State Reserve interest (as shown in this table) for a total amount not to exceed \$154,238

^c This project will be funded with \$2,440 in State Reserve interest and \$109,505 in SB 1107 interest for a total not to exceed \$111,945

^d This project will be funded with SB 1107 interest

^e This project will be funded with \$373,167 in SB 1107 interest, \$515,669 in SB 1107 Carl Moyer funds for a total not to exceed \$888,836

^f This project will be funded with \$45,459 in Multi-District interest and \$359,458 in SB 1107 Carl Moyer funds for a total not to exceed \$404,917

^g This project will be funded with \$4,618,441 in AB 923 Match Funds and \$664,405 in SB 1107 Carl Moyer funds for a total not to exceed \$5,282,846

^h The remaining balance of \$86,600 of this project was placed on the backup list and a portion of this project was awarded under Carl Moyer in this table in the amount of \$135,333

| Table 2B: SOON Provision Awards | | | |
|---|-----------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| Canyon Pacific Equipment | Off-Road – SOON | 1 | \$277,692 |
| P. Riley Enterprises, Inc. DBA Riley's Scraper Rental | Off-Road – SOON | 2 | \$316,184 |
| Peed Equipment Company | Off-Road – SOON | 16 | \$2,845,000 |
| Skip Edmunson Corp. | Off-Road – SOON | 4 | \$1,024,099 |
| Stice Company, Inc. | Off-Road – SOON | 6 | \$540,000 |
| Subtotal (SOON Provision Awards) | | 29 | \$5,002,975 |
| Total Awards (Carl Moyer/SOON Provision) | | 163 | \$39,664,068* |

*This total includes the Carl Moyer funds plus additional interest funds and AB 923 match funds.

| Table 3: Rule 2202 AQIP Awards | | | |
|---|----------------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| Galleano Enterprises Inc. | Off-Road Agriculture | 1 | \$27,780 |
| Gary L. McMillan | Off-Road Agriculture | 1 | \$72,617 |
| Greg Anderson | Off-Road Agriculture | 1 | \$73,903 |
| Lucky Farms, LLC | Off-Road Agriculture | 6 | \$302,244 |
| MJ Sport Fishing LLC | Marine | 1 vessel (2 engines) | \$236,800 |
| Pastime Lakes Holdings, LLC | Off-Road Agriculture | 1 | \$25,227 |
| ConcreteScapes, Inc. | Off-Road Agriculture | 1 | \$48,388 |
| Fukushima Fishing LLC | Marine | 1 vessel (1 engine) | \$168,561 |
| Jorge Fuentes DBA Jorge Fuentes Trucking | Off-Road Agriculture | 1 | \$156,730 |
| Madrugador, Inc. | Marine | 1 vessel (4 engines) | \$400,880 |
| Waste Management Collection & Recycling, Inc. | On-Road | 1 | \$100,000 |
| Zachary Pilek (DBA Holdfast Charters) | Marine | 1 vessel (1 engine) | \$74,400 |
| Jeffrey M. McElroy | Marine | 1 vessel (1 engine) | \$144,900 |
| ECCO Equipment Company | Off-Road - SOON | 3 | \$375,000 |
| California Paving and Grading Co., Inc | Off-Road | 4 | \$448,471 |
| C.A. Rasmussen, Inc. | Off-Road - SOON | 3 | \$729,142 |
| Freelance Sportfishing Inc. | Marine | 1 vessel (1 engine) | \$129,600 |
| Burton Rappoport | Marine | 1 vessel (1 engine) | \$149,600 |
| Southwest Marine Resources, LLC | Marine | 2 vessels (3 engines) | \$349,477 |
| FasTrack Rentals, Inc. | Off-Road | 1 | \$289,730 |
| City of Cerritos | Off-Road | 1 | \$34,486 |
| Goodwin Enterprises, Inc. | Off-Road | 1 | \$217,229 |
| City of Fullerton | On-Road Emergency | 1 | \$88,241 |
| Avalon Mooring & Diving Service, Inc. | Marine | 2 | \$86,411* |

| Table 3: Rule 2202 AQIP Awards | | | |
|---------------------------------------|-----------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| CR & R Incorporated | Low-NOx On-Road | 1 | \$73,238 |
| Total | | 44 | \$4,803,055 |

*This project will be funded with \$86,411 in Rule 2202 AQIP funds (as shown in this table) and \$67,827 in State Reserve interest for a total amount not to exceed \$154,238.

| Table 4: FARMER Program Awards | | | |
|---------------------------------------|----------------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| Emerald Acres LLC | Off-Road Agriculture | 1 | \$622,955* |
| Lucky Farms, LLC | Off-Road Agriculture | 1 | \$88,781 |
| Total | | 2 | \$711,736 |

* This project will be funded with \$622,955 in FARMER funds (as shown in this table) and \$352,045 in SB 1107 interest for a total amount not to exceed \$975,000.

| Table 5: CAPP Incentive Awards in AB 617 Communities | | | | | |
|---|---|-------------------------------|---|--------------------------|---------------------|
| AB 617 Community | Applicant | Category | Number of Engines / Vehicles/ Stations | Recommended Award | Total |
| Wilmington/ West Long Beach/ Carson | Alberto Rodriguez** | On-Road | 1 | \$29,223 | \$18,517,774 |
| | IML Transport** | On-Road | 1 | \$86,823 | |
| | Jaime V Sanchez** | On-Road | 2 | \$149,551 | |
| | Manuel Gurrola** | On-Road | 1 | \$60,590 | |
| | New Bern Transport Corporation | On-Road (ZE) | 10 | \$174,386 | |
| | USA Waste of California, Inc. | On-Road | 3 | \$127,452 | |
| | New Bern Transport Corporation* | On-Road Infrastructure | Battery Charging Station | \$1,034,720 | |
| | Clean Energy | On-Road Infrastructure | CNG Station (expansion) | \$2,129,040 | |
| | Equilon Enterprises LLC dba Shell Oil Products US | On-Road Infrastructure | CNG Station | \$800,000 | |
| | Pacific Harbor Line, Inc. | Locomotive | 18 | \$3,384,742 | |
| | Fenix Marine Services, Ltd.* | Cargo Handling Equipment | 2 | \$480,092 | |
| | Total Terminals International, LLC | Cargo Handling Equipment (ZE) | 4 | \$2,528,855 | |
| | United Terminal Leasing LLC*/** | Cargo Handling Equipment | 4 | \$1,064,389 | |
| | Perazzolo Transportations, Inc.** | Off-Road | 2 | \$19,749 | |
| | Pacific Aggregates, Inc. | Off-Road – SOON | 1 | \$74,586 | |
| Power Move, Inc. | Off-Road - SOON | 20 | \$1,361,962 | | |

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

**This project was submitted by a small/minority owned business.

Table 5: CAPP Incentive Awards in AB 617 Communities

| AB 617 Community | Applicant | Category | Number of Engines / Vehicles/ Stations | Recommended Award | Total |
|--|---|-------------------------|---|--------------------------|---------------------|
| Wilmington/ West Long Beach/ Carson (Continued) | American Marine Corporation** | Marine | 1 vessel (3 engines) | \$852,800 | |
| | Arnold Lancaster dba Caywind Enterprises, Inc.** | Marine | 1 vessel (2 engine) | \$141,630 | |
| | Augello Enterprises LLC** | Marine | 1 vessel (1 engine) | \$264,800 | |
| | Catalina Classic Cruises | Marine | 2 vessels (5 engines) | \$1,043,185 | |
| | Groundtackle Holdings, LLC | Marine | 1 vessel (3 engines) | \$370,646 | |
| | John D. Gibbs (DBA F/V Pac Horizon Inc.)** | Marine | 1 vessel (3 engines) | \$339,200 | |
| | Michael A. Neil dba San Diego Whole Seafoods** | Marine | 1 vessel (1 engine) | \$116,000 | |
| | Michael Mamin** | Marine | 1 vessel (1 engine) | \$108,800 | |
| | More Carnage LLC | Marine | 1 vessel (1 engine) | \$179,200 | |
| | MV Sport King 2015, Inc.** | Marine | 1 vessel (2 engine) | \$312,000 | |
| | Pacific Maritime Group, Inc. dba Pacific Tugboat Services | Marine | 1 vessel (2 engine) | \$358,760 | |
| | So. Cal. Ship Services | Marine | 1 vessel (3 engines) | \$364,593 | |
| | Strataband, Inc | Marine | 1 vessel (2 engine) | \$219,200 | |
| | U.S. Water Taxi, Inc.** | Marine | 1 vessel (2 engine) | \$190,400 | |
| | Victory Sportfishing Company Inc.** | Marine | 1 vessel (1 engine) | \$150,400 | |
| East Los Angeles, Boyle Heights, West Commerce | Nasa Services Inc.** | On-Road Infrastructure | CNG Station (expansion) | \$100,000 | \$613,769 |
| | Speedy Fuel Inc. | On-Road Infrastructure | CNG Station (expansion) | \$343,767 | |
| | Miller Milling Company* | Off-Road | 1 | \$150,161 | |
| | Miller Milling Company | Off-Road Infrastructure | Battery Charging Station | \$19,841 | |
| San Bernardino/ Muscoy | Omnitrans | On-Road Infrastructure | Battery Charging Station | \$336,218 | \$429,259 |
| | Fischer, Inc. | Off-Road | 1 | \$93,041 | |
| Eastern Coachella Valley | Coachella Valley Unified School District | On-Road Infrastructure | CNG Station (expansion) | \$1,229,114 | \$13,798,131 |
| | Earth Concepts, Inc. | Off-Road | 1 | \$87,744 | |
| | Junior Enterprises | Off-Road | 3 | \$220,829 | |
| | Rancho Polo LLC | Off-Road | 2 | \$236,748 | |

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

**This project was submitted by a small/minority owned business.

Table 5: CAPP Incentive Awards in AB 617 Communities

| AB 617 Community | Applicant | Category | Number of Engines / Vehicles/ Stations | Recommended Award | Total |
|---|--|----------------------|---|--------------------------|--------------|
| Eastern Coachella Valley (Continued) | Wilbur-Ellis Company LLC | Off-Road | 4 | \$447,869 | |
| | Alejandro Galindo DBA Osuna Farm | Off-Road Agriculture | 1 | \$327,164 | |
| | Alexandra Dates, Inc. | Off-Road Agriculture | 1 | \$115,085 | |
| | Alvaro Arellano | Off-Road Agriculture | 2 | \$147,806 | |
| | Anthony Vineyards, Inc. | Off-Road Agriculture | 2 | \$287,840 | |
| | Arthuray LLC | Off-Road Agriculture | 4 | \$295,040 | |
| | Brito Ranches LP | Off-Road Agriculture | 2 | \$260,521 | |
| | Cocopah Nurseries, Inc. | Off-Road Agriculture | 24 | \$2,120,504 | |
| | Del Rey Farms LLC** | Off-Road Agriculture | 8 | \$1,256,021 | |
| | Desert Custom Farming, Inc. | Off-Road Agriculture | 5 | \$637,626 | |
| | Earth Concepts, Inc. | Off-Road Agriculture | 1 | \$99,135 | |
| | EPC Landscaping LLC | Off-Road Agriculture | 16 | \$1,865,568 | |
| | Hadley Date Gardens, Inc.** | Off-Road Agriculture | 4 | \$281,408 | |
| | Job Lopez** | Off-Road Agriculture | 1 | \$119,190 | |
| | Jose Luis Torres Medina | Off-Road Agriculture | 3 | \$373,696 | |
| | Juan Zepeda | Off-Road Agriculture | 1 | \$104,582 | |
| | La Quinta Date Growers, LP | Off-Road Agriculture | 2 | \$305,888 | |
| | Larsen Land and Cattle Co. LLC bt. Bret Larsen | Off-Road Agriculture | 3 | \$410,521 | |
| | Long Life Farms Inc.** | Off-Road Agriculture | 2 | \$246,502 | |
| | Martin Vargas | Off-Road Agriculture | 3 | \$261,850 | |
| | North Shore Greenhouses, Inc. | Off-Road Agriculture | 1 | \$54,174 | |
| | Tudor Ranch, Inc. | Off-Road Agriculture | 5 | \$372,315 | |
| | Virginia Torres | Off-Road Agriculture | 2 | \$157,761 | |
| West Coast Turf | Off-Road Agriculture | 2 | \$266,200 | | |
| WM. D. Young & Sons, Inc. | Off-Road Agriculture | 10 | \$1,209,430 | | |

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

**This project was submitted by a small/minority owned business.

| Table 5: CAPP Incentive Awards in AB 617 Communities | | | | | |
|---|-----------------------|-------------------------|---|--------------------------|---------------------|
| AB 617 Community | Applicant | Category | Number of Engines / Vehicles/ Stations | Recommended Award | Total |
| South Gate, Huntington Park, Cudahy, Bell Gardens | Speedy Fuel Inc. | On-Road Infrastructure | CNG Station | \$970,968 | \$4,403,576 |
| | United Parcel Service | On-Road Infrastructure | CNG Station | \$1,761,203 | |
| | C & M Metals, Inc.** | Off-Road | 10 | \$871,405 | |
| | C & M Metals, Inc.** | Off-Road Infrastructure | Battery Charging Station - Solar | \$800,000 | |
| Subtotal Number of Engines/Vehicles/Stations | | | | | 239 |
| Subtotal | | | | | \$37,762,509 |

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

**This project was submitted by a small/minority owned business.

| Table 6: Recommended List of Backup Projects (Vehicle/Equipment) | | | |
|---|-----------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| T.G.I. Equipment Corporation | Off-Road - SOON | 2 | \$86,600.00* |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$218,818.00 |
| Beckco Inc | Off Road-SOON | 1 | \$209,766.00 |
| Steve Zimmer, General Engineering Contractor | Off Road | 1 | \$125,126.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$205,294.00 |
| Alcon Colorado Engineering, Inc. | Off Road | 1 | \$179,445.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$164,378.00 |
| D & S Equipment Inc. | Off Road | 1 | \$160,951.00 |
| Coburn Equipment Rentals Inc. | Off Road-SOON | 1 | \$157,251.00 |
| Beckco Inc | Off Road-SOON | 1 | \$154,010.00 |
| Marvo Holsteins | Off Road-AG | 1 | \$295,590.00 |
| Coburn Equipment Rentals Inc. | Off Road-SOON | 1 | \$150,437.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$138,780.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$135,562.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$138,848.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$128,902.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$123,832.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$118,298.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$117,761.00 |
| California Waste Services LLC | Off Road-SOON | 1 | \$115,887.00 |
| Inland Empire Regional Composting Facility | Off Road | 1 | \$92,336.00 |

Table 6: Recommended List of Backup Projects (Vehicle/Equipment)

| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
|--|-----------------|-----------------------------------|--------------------------|
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$110,835.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$109,384.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$106,333.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$99,972.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$100,810.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$98,472.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$94,574.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$94,262.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$90,505.00 |
| Inland Empire Regional Composting Facility | Off Road | 1 | \$72,101.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$86,640.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$82,180.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$78,822.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 2 | \$76,983.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$75,541.00 |
| Beckco Inc | Off Road-SOON | 1 | \$45,389.00 |
| Beckco Inc | Off Road-SOON | 1 | \$44,586.00 |
| California Waste Services LLC | Off Road-SOON | 1 | \$44,756.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$74,614.00 |
| California Waste Services LLC | Off Road-SOON | 1 | \$66,017.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$65,806.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$64,739.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$62,191.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$61,994.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$58,159.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$57,783.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$52,938.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$50,521.00 |
| California Waste Services LLC | Off Road-SOON | 1 | \$49,476.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$46,761.00 |
| Coburn Equipment Rentals Inc. | Off Road-SOON | 1 | \$45,796.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$41,436.00 |
| Quality Turf, Inc. | Off Road-AG | 1 | \$68,518.00 |
| Beckco Inc | Off Road-SOON | 1 | \$35,181.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$33,638.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$32,101.00 |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$25,370.00 |

| Table 6: Recommended List of Backup Projects (Vehicle/Equipment) | | | |
|---|-----------------|-----------------------------------|--------------------------|
| Applicant | Category | Number of Engines/Vehicles | Recommended Award |
| T.G.I. Equipment Corporation | Off Road-SOON | 1 | \$23,556.00 |
| National Paving Company, Inc. | Off Road | 1 | \$14,618.00 |
| Beckco Inc | Off Road-SOON | 1 | \$15,703.00 |
| Beckco Inc | Off Road-SOON | 1 | \$8,334.00 |
| Beckco Inc | Off Road-SOON | 1 | \$4,689.00 |
| Total | | 70 | \$5,789,956 |

*\$86,600 of this project was placed on the backup list and a portion of this project was awarded under Carl Moyer in Table 2A in the amount of \$135,333.

| Table 7: Other Cost-Effective Marine Projects* | | |
|---|--------------------------|--------------------------|
| Applicant | Number of Engines | Recommended Award |
| Thunderbird Sportfishing Co. Inc. | Repower (2 Main) | \$345,600 |
| Bear Flag Distribution | Repower (2 Main & 1 Aux) | \$236,679 |
| Disappearance, LLC | Repower (2 Main & 1 Aux) | \$306,400 |
| Fighting Irish Dana Point, LLC | Repower (2 Main) | \$719,430 |
| San Clemente Sportfishing, Inc. dba Dana Wharf Sportfishing | Repower (2 Main) | \$864,000 |
| JDF Ventures, LLC (dba LA Sportfishing) | Repower (2 Main) | \$112,968 |
| OC Ocean Adventures, Inc. | Repower (2 Main) | \$222,400 |
| Heidi M Pitkin | Repower (2 Main) | \$228,508 |
| Marina Del Rey Sportfishing LLC | Repower (1 Main) | \$104,000 |
| Travis Edward Vaughan dba Pacific Viking | Repower (1 Main) | \$149,656 |
| Reward Sportfishing, Inc. | Repower (2 Main) | \$225,525 |
| Total: | | \$3,515,166 |

* Not domiciled in a Disadvantaged or Low-Income Community but provide air quality benefits to those communities