

BOARD MEETING DATE: September 4, 2020

AGENDA NO. 26

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting remotely on Friday, August 21, 2020. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Joe Buscaino, Chair
Technology Committee

MMM:av

Committee Members

Present: Council Member Joe Buscaino/Chair
Supervisor Lisa Bartlett
Board Member Gideon Kracov
Council Member Judith Mitchell
Council Member Carlos Rodriguez

Absent: None

Call to Order

Chair Buscaino called the meeting to order at 12:01 p.m.

ACTION ITEMS:

1. Adopt Resolution Recognizing Funds for FY 2019-20 Community Air Protection Program Incentives and Reimburse General Fund for Administrative Costs

In June 2020, South Coast AQMD executed a grant agreement (G19-MCAP-03) with CARB to receive FY 2019-20 (Year 3) Community Air Protection Program (CAPP) incentive funds in the amount of \$69,824,849, including 6.25% in administrative funds. This action is to adopt a Resolution recognizing CAPP

revenue up to \$70 million from CARB into the Community Air Protection AB 134 Fund (77). The revenue will be used to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of AB 617, subject to Board approval. Eligible projects include those submitted under the Carl Moyer and Proposition 1B-Goods Movement Programs, projects consistent with Community Air Protection Incentives Guidelines, and other incentive projects and programs included in an approved Community Emissions Reduction Plan. This action is to also reimburse the General Fund for administrative costs incurred implementing the CAPP grant.

Council Member Mitchell commented that she does not have a financial interest or conflict of interest, but is required to identify for the record that she is a Board Member of CARB which is involved in this item.

Moved by Mitchell; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez
Noes: None
Absent: None

2. Establish Special Revenue Fund, Recognize Funds, Execute Contract for Installation and Maintenance of Air Filtration Systems and Reimburse General Fund for Administrative Costs

In May 2019, the Board recognized \$7,100,000 into the Air Filtration Fund (75) from the Aliso Supplemental Environmental Project (SEP) Fund to install air filtration systems at schools in Environmental Justice communities in Los Angeles County. To facilitate program tracking and auditing, these actions are to establish the Aliso Canyon Air Filtration Special Revenue Fund (84), recognize \$7,100,000 into Fund 84 instead of Fund 75, authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$6,745,000 from Fund 84, and reimburse the General Fund for administrative costs up to \$355,000 from Fund 84.

Council Member Buscaino emphasized that the Aliso Canyon gas leak impacted the Porter Ranch community and that he is happy that these funds are moving forward, and air filtration systems will be provided to the impacted community.

Board Member Kracov inquired about the number of schools/air filtration systems that will be provided with Aliso Canyon SEP funding. Staff responded that the funding amount is expected to provide equipment, installation and 5 years of maintenance for 56 schools.

Moved by Rodriguez; seconded by Mitchell; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None

Absent: None

3. Recognize Revenue, Transfer Funds and Approve Budget and Expenditures for California Natural Gas Vehicle Partnership Activities and Projects

The Board established the California Natural Gas Vehicle Partnership (CNGVP) to promote greater deployment of natural gas vehicles in California. These actions are to: 1) recognize revenue up to \$170,000 in membership dues from participating and future members of the CNGVP into the Natural Gas Vehicle Partnership Fund (40); 2) transfer \$25,000 from the Clean Fuels Program Fund (31) into Fund 40 for South Coast AQMD's two-year membership for FYs 2020-21 and 2021-22; 3) approve the FYs 2020-21 and 2021-22 CNGVP Budget; 4) authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2020-21 and 2021-22 up to \$75,000 but not to exceed \$225,000 for each fiscal year; and 5) approve a two-year contract with Gladstein, Neandross and Associates LLC to develop and implement communication strategies for the CNGVP in an amount not to exceed \$192,000 from Fund 40.

Board Member Kracov inquired about the recent lawsuit filed against CARB's Advanced Clean Truck Rule. Staff clarified that the lawsuit was filed by the California Natural Gas Vehicle Coalition (CNGVC), a different organization than the CNGVP, and South Coast AQMD is not a member of the CNGVC. Board Member Kracov suggested that staff work with the CNGVP to offer a pathway to support CARB.

Moved by Mitchell; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None

Absent: None

4. Recognize Revenue, Transfer Funds, Amend and Execute Contracts to Demonstrate Class 8 Battery Electric Trucks, Retrofit Ocean-Going Vessel, Deploy Fuel Cell Transit Buses and Reimburse General Fund

South Coast AQMD has been awarded up to \$37,821,301 from U.S. EPA. These actions are to recognize revenue from the Clean Air Technology Initiative Program up to \$500,000 into the GHG Reduction Projects Special

Revenue Fund (67), up to \$25,906,601 into Fund 17, and up to \$11,414,700 into the Clean Shipping Technology Demonstration Special Revenue Fund (83); recognize revenue from the San Pedro Bay Ports up to \$300,000 into Fund 83; transfer up to \$2,205,000 from Clean Fuels Program Fund (31) into Fund 17; and transfer up to \$300,000 from the Air Quality Investment Fund (27) into Fund 83. These actions are to also: amend a contract adding up to \$500,000 from Fund 67 and execute contracts for up to \$21,635,681 to demonstrate battery electric trucks and infrastructure and for administrative project implementation from Fund 17; execute an MOU with the San Pedro Bay Ports; execute a contract for up to \$11,474,000 to retrofit an ocean-going vessel from Fund 83; execute a contract for up to \$6,111,601 to deploy fuel cell transit buses from Fund 17; and reimburse the General Fund for administrative costs.

Council Member Mitchell inquired about the cost of the SCR retrofit and if similar technology can be applied to oil tankers. Staff explained that the SCR components and installation costs are estimated to be \$5 million each, but installation costs can vary. The proposed retrofit technology could work for many other MAN 2-stroke engine types, including oil tankers.

Council Member Rodriguez asked about staff's approach to sharing information with the public and media. Staff responded that the typical approach is to demonstrate and prove that the technologies are technically and economically feasible, and then to issue a press release to communicate to the public about these technologies. Staff expects that results from these projects would follow a similar pathway as employed in past demonstration projects. Council Member Rodriguez also inquired about the implementation of fuel cell buses. Staff confirmed that these buses were specifically for Sunline Transit and would only be deployed in the Coachella Valley area, but the South Coast AQMD supported a similar rollout of fuel cell buses and a hydrogen station with the Orange County Transportation Authority.

Ranji George, a member of the public, commented on concerns pertaining to batteries for zero emission technology and their eventual need for recycling.

Council Members Mitchell and Rodriguez and Board Member Kracov asked staff to review the battery recycling issues with CARB and CalEPA, inviting the latter to present an update to the Technology Committee on progress made by their Lithium-ion Car Battery Recycling Advisory Group.

Moved by Kracov; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Buscaino, Kracov, Mitchell, Rodriguez

Noes: None
Absent: None

OTHER MATTERS:

5. Other Business

There was no other business.

6. Public Comment Period

There was no public comment.

7. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, September 18, 2020 at noon.

Adjournment

The meeting adjourned at 12:40 p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING

Attendance Record – August 21, 2020

Supervisor Lisa Bartlett.....	SCAQMD Board Member
Council Member Joe Buscaino	SCAQMD Board Member
Board Member Gideon Kracov	SCAQMD Board Member
Council Member Judith Mitchell	SCAQMD Board Member
Council Member Carlos Rodriguez.....	SCAQMD Board Member
James Dinwiddie	Board Consultant (Bartlett)
Jacob Haik	Board Consultant (Buscaino)
Fred Minassian	Board Consultant (Mitchell)
Mark Taylor.....	Board Consultant (Rutherford)
Ross Zelen	Board Consultant (Kracov)
Mark Abramowitz	Public Member
Vicki Francis	Public Member
Ranji George.....	Public Member
Jafer Habib	Public Member
Paul Jackson	Public Member
Dan McGivney	SoCalGas
Andy Silva.....	San Bernardino County
Alek Van Houghton.....	Public Member
Maria Allen.....	SCAQMD Staff
Barbara Baird	SCAQMD Staff
Phil Barroca	SCAQMD Staff
Naveen Berry.....	SCAQMD Staff
Amir Dejbakhsh	SCAQMD Staff
Marjorie Eaton.....	SCAQMD Staff
Dana Foist.....	SCAQMD Staff
Maryam Hajbabaei	SCAQMD Staff
Mark Henninger	SCAQMD Staff
Joseph Impullitti.....	SCAQMD Staff
Patricia Kwon	SCAQMD Staff
Matt Miyasato.....	SCAQMD Staff
Ron Moskowitz	SCAQMD Staff
Wayne Nastri.....	SCAQMD Staff
Penny Shaw Cedillo	SCAQMD Staff
Walter Shen	SCAQMD Staff
Alejandra Vega.....	SCAQMD Staff
Veera Vyagi.....	SCAQMD Staff
Mei Wang.....	SCAQMD Staff
Paul Wright.....	SCAQMD Staff
Fan Xu	SCAQMD Staff