

STAFF REPORT

SUBJECT: Resolution in Support of Application for FY 17-18 funding through the State Low Carbon Transit Operations Program (LCTOP)

FROM: Jennifer Yeamans, Senior Grants, Project Management & Contract Specialist

DATE: February 27, 2018

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**Action Requested**

Staff requests the Committee recommend Board approval of Resolution 09-2018 in support of an allocation request to Caltrans for the Low Carbon Transit Operations Program (LCTOP) toward the future purchase of four zero-emission battery-electric replacement buses in FY 2022. This resolution is required to request allocations for this funding from Caltrans.

**Background**

The LCTOP was established by California Senate Bill 862 to provide funding, on a formula basis, for operational or capital expansion projects to reduce greenhouse gas emissions and improve mobility, with a priority on serving disadvantaged communities. The funds are derived from California's Cap-and-Trade Program and are the result of quarterly auctions of emission credits for greenhouse gas emitters regulated under AB 32, California's Global Warming Solutions Act of 2006. Auction proceeds, known as the Greenhouse Gas Reduction Fund, are then reinvested in various projects to further reduce emissions. There is a continuous appropriation of 5 percent of Cap and Trade auction proceeds into the LCTOP and other Cap and Trade programs. The auction proceeds are anticipated to vary over time as Cap and Trade revenues fluctuate.

The program guidelines state that transit agencies receiving funds from the LCTOP shall submit expenditure proposals listing projects that meet any of the following criteria:

- Expenditures that directly enhance or expand transit service by supporting new or expanded services, expanded intermodal transit facilities, and may include equipment acquisition, fueling, and maintenance, and other costs to operate those services or facilities.
- Operational expenditures that increase transit mode share.
- Expenditures related to the purchase of zero-emission buses, including electric buses, and the installation of the necessary equipment and infrastructure to operate and support zero-emission buses.

The LCTOP specifically requires documentation that each proposed project will achieve a reduction in greenhouse gas emissions and will not supplant other sources of funds. In

addition, project sponsors are required to document how their projects meet all program requirements related to benefits to Disadvantaged Communities (DACs) and AB 1550 Population requirements to benefit low-income households. LAVTA’s service area has one low-income census tract as defined by AB 1550, shown in the map in Attachment 2.

**Discussion**

Staff proposes to carry its FY 17-18 LCTOP funding allocation forward toward the future purchase of four zero-emission battery-electric buses to replace diesel-electric hybrids at the end of their useful life in FY 2021-22. LCTOP guidelines permit eligible recipients to roll funds over into a subsequent fiscal year, accruing a maximum of four years of LCTOP funds for a more substantial project. Approved projects must also be completed and funds expended within the subsequent four years. Applying the LCTOP funding to a future zero-emission battery-electric bus purchase will meet the LCTOP program requirements by reducing greenhouse gas emissions associated with operating diesel-electric hybrid buses.

LAVTA’s next replacement bus purchases are currently scheduled for FY 2022 and FY 2023 according to the agency’s Short Range Transit Plan. The LCTOP funds will specifically be used to offset the incrementally higher cost of battery-electric buses compared to diesel-electric hybrids typically funded with Federal Transit Administration transit-capital funds.

**Budget**

The proposed project budget and schedule is as follows, pending future allocation amounts and funding decisions in future budget years. The attached resolution only commits FY 2017-18 LCTOP funds highlighted below to a future project, as permitted by the guidelines.

<b>Fund Source</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2021-22</b>	<b>Total</b>
LCTOP - Revenue-Based	\$51,389	\$51,389	-	\$102,778
LCTOP – Population Based	\$264,885	\$264,885	-	\$529,770
<i>LCTOP Subtotal</i>	<i>\$316,274</i>	<i>\$316,274</i>	-	<i>\$632,548</i>
FTA 5307	-	-	\$2,720,000	\$2,720,000
TDA	-	-	\$600,000	\$600,000
<b>Total Budget</b>	<b>\$316,274</b>	<b>\$316,274</b>	<b>\$3,320,000</b>	<b>\$3,952,548</b>

**Recommendation**

Staff requests the Committee recommend Board approval of Resolution 09-2018 in support of an allocation request to Caltrans for the Low Carbon Transit Operations Program (LCTOP) toward the future purchase of four zero-emission battery-electric replacement buses in FY 2022. This resolution is required to request allocations for this funding from Caltrans.

Attachments:

1. Resolution 09-2018
2. Map of AB 1550 Low Income Community of North Livermore

**RESOLUTION 09-2018**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY  
AUTHORIZING FOR THE EXECUTION OF THE CERTIFICATIONS AND  
ASSURANCES AND AUTHORIZED AGENT FORMS FOR THE LOW CARBON  
TRANSIT OPERATIONS PROGRAM (LCTOP) FOR THE PURCHASE OF FOUR (4)  
ZERO-EMISSION REPLACEMENT BUSES USING \$316,274 IN LCTOP FUNDS**

**WHEREAS**, the Livermore Amador Valley Transit Authority is an eligible project sponsor and may receive state funding from the Low Carbon Transit Operations Program (LCTOP) for transit projects; and

**WHEREAS**, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

**WHEREAS**, Senate Bill 862 (2014) named the Department of Transportation (Department) as the administrative agency for the LCTOP; and

**WHEREAS**, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies); and

**WHEREAS**, the Livermore Amador Valley Transit Authority wishes to delegate authorization to execute these documents and any amendments thereto to Michael Tree, Executive Director;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Livermore Amador Valley Transit Authority that the fund recipient agrees to comply with all conditions and requirements set forth in the Certification and Assurances and the Authorized Agent documents and applicable statutes, regulations and guidelines for all LCTOP funded transit projects; and

**NOW THEREFORE, BE IT FURTHER RESOLVED** that Michael Tree, Executive Director, be authorized to execute all required documents of the LCTOP program and any Amendments thereto with the California Department of Transportation; and

**NOW, THEREFORE, BE IT FURTHER RESOLVED** by the Board of Directors of the Livermore Amador Valley Transit Authority that it hereby authorizes the submittal of the following project nomination and allocation request to the Department in FY 2017-18 LCTOP funds:

Project Name: Purchase of Four (4) Zero-Emission Replacement Buses  
Amount of LCTOP funds requested: \$316,274  
Short description of project: Purchase four (4) 40-foot zero-emission battery-electric buses to replace diesel-electric hybrid buses at the end of their useful life.  
Contributing Sponsors (if applicable): Metropolitan Transportation Commission

**PASSED AND ADOPTED BY** the governing board of the Livermore Amador Valley Transit Authority on this 5th day of March 2018.

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Karla Brown, Chair

Attest:

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Michael Tree, Executive Director

# Attachment 2. Location of AB 1550 Low Income Community (North Livermore) in LAVTA's Service Area

