

Metropolitan Transportation Commission
MTC Planning Committee

April 12, 2024

Agenda Item 7a

**Transportation Electrification Initiatives: 2024 Local Public Fleet Electrification Planning
Technical Assistance Recommendations**

Subject:

Approval of technical assistance for Bay Area public agencies to develop fleet electrification plans as part of MTC’s Climate Program transportation electrification investments. This assistance will help local public agencies prepare to meet California clean fleet mandates and improve their ability to pursue capital funding for vehicle replacements and charging infrastructure.

Background:

On April 14, 2023, the Joint MTC Planning Committee with the ABAG Administrative Committee approved a set of Transportation Electrification (TE) initiatives and investment amounts to support the implementation of Plan Bay Area 2050 Environment Strategy 8 (expand clean vehicle initiatives) and help the region meet its greenhouse gas reduction target. The approved set of implementation initiatives included \$10 million for a Local Public Fleet Electrification Planning Assistance Program (TE Initiative 3a) to provide Bay Area public agencies with technical assistance to plan for the electrification of their fleets.

Under the California Air Resources Board’s Advanced Clean Fleets rule, state and local agencies must begin transitioning their fleets to zero-emission vehicles this year. MTC’s technical assistance program will help the Bay Area public agencies develop plans to meet these requirements and to better position them to access federal, state, and local capital funding opportunities for converting their fleets and installing charging infrastructure.

Application Process

A call for applications was released on January 11, 2024 for all Bay Area local public agencies that own and operate at least five vehicles. The program announcement was distributed widely by email to local staff, including all planning directors, public works directors, county transportation agency planning and programming staff, and multiple working groups. MTC staff hosted an online information session on January 17, 2024 to provide an overview of the program,

walk through the application, and answer questions from participants. A recording of this session was also made available online. The application was a simple Excel-based form requesting fleet manager information, fleet size, and need for assistance and was due by February 20, 2024.

Application Summary

A total of 32 applications were received from local governments across eight counties and the San Francisco Bay Area Rapid Transit District (BART). While no applications were received from agencies in Santa Clara County, five cities have initiated or completed fleet planning with support from Silicon Valley Clean Energy and the City of San Jose is currently developing a fleet electrification plan.

The agencies requesting assistance represent fleets ranging in size from 15 to 6,900 vehicles for a total of over 12,500 fleet vehicles housed at over 450 locations. These fleets serve a wide range of functions and departments, including public works, parks and recreation, waste management, police, fire, health and human services, and libraries.

Technical Assistance Recommendations

After reviewing the applications, staff recommends all 32 agencies for fleet planning assistance. If approved, the work will be completed by consultants on a newly-seated MTC Transportation Electrification Planning and Technical Assistance Bench, pending approval at the April 10, 2024 MTC Administration Committee. The consultants on the bench are pre-qualified to provide services in four categories – local transportation electrification planning, fleet electrification planning, charging infrastructure project planning and program development and implementation. MTC will contract with consultants to work with local staff to deliver a standard scope of work, with similar projects grouped together to achieve economies of scale in delivering the work. The standard scope will include: assessing the existing fleet and fueling infrastructure; evaluating the vehicle replacement options and charging needs; and developing a transition plan that will include planning for procurement, infrastructure development, operations and maintenance, costs and financing options, and implementation steps. Based on the applications received, some agencies have already completed some of these planning components, and work scopes for those agencies will be adjusted accordingly.

The following table provides a summary of estimated budgets for planning assistance based on fleet size, number of fleet domicile locations, and level of assistance requested:

Estimated budget per agency	Fleet size	Number of fleet locations	Planning assistance level
Up to \$100k	Up to 100 vehicles	Up to 10 sites	Partial-Full standard scope
\$100k-\$200k	101-500 vehicles	Up to 25 sites	Full standard scope
\$200k-\$400k	500+ vehicles	25+ sites	Full standard scope

Staff anticipate that all technical assistance requested can be delivered with up to \$6 million, and that the remaining balance can be used for another cycle of fleet planning assistance.

Next Steps:

Staff will work with the public agencies to confirm fleet information, scope of assistance needed, and schedules. Staff will also contract with consultants to provide technical assistance to the public agencies listed in Attachment A.

Issues:

None identified.

Recommendations:

Approve staff to move forward with developing fleet electrification planning technical assistance work scopes up to \$6 million for the public agencies listed in Attachment A. Associated programming revisions to MTC Resolution No. 4505, Revised, will be included in the May 8, 2024, Programming and Allocations Committee packet.

Attachments:

- Attachment A: Public Agency Technical Assistance Recipient List
- Attachment B: PowerPoint


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Attachment A: Public Agency Technical Assistance (TA) Recipient List

County	Local Public Agency	# of facilities	# of vehicles (approx.)	Maximum (up to) anticipated TA budget*
Regional	San Francisco Bay Area Rapid Transit District (BART)**	10	570	\$400,000
Alameda	City of Alameda	13	316	\$200,000
Alameda	City of Berkeley**	25	517	\$400,000
Alameda	City of Dublin	4	83	\$100,000
Alameda	City of Oakland	5	100	\$200,000
Alameda	City of San Leandro**	7	104	\$200,000
Contra Costa	City of Concord	6	255	\$200,000
Contra Costa	City of El Cerrito	7	103	\$200,000
Marin	Town of Corte Madera	3	28	\$100,000
Marin	Town of Fairfax	3	21	\$100,000
Marin	County of Marin	25	534	\$400,000
Marin	City of Mill Valley	5	69	\$100,000
Marin	City of Novato	5	118	\$200,000
Marin	Town of San Anselmo	3	19	\$100,000
Marin	City of San Rafael	6	161	\$200,000
Marin	City of Sausalito	3	35	\$100,000
Marin	Town of Tiburon	3	28	\$100,000
Napa	City of Calistoga	6	38	\$100,000
Napa	City of Napa	11	212	\$200,000
Napa	County of Napa	14	249	\$200,000
Napa	City of St. Helena	5	42	\$100,000
Napa	Town of Yountville	3	15	\$100,000

County	Local Public Agency	# of facilities	# of vehicles (approx.)	Maximum (up to) anticipated TA budget*
San Francisco	City/County of San Francisco	162	6871	\$400,000
San Mateo	City of Belmont	2	69	\$100,000
San Mateo	City of Half Moon Bay	3	12	\$100,000
San Mateo	Town of Hillsborough	3	38	\$100,000
San Mateo	City of San Mateo**	7	175	\$200,000
San Mateo	City of South San Francisco	6	175	\$200,000
Solano	City of Benicia	9	132	\$200,000
Solano	City of Dixon	5	69	\$100,000
Solano	City of Vacaville	10	485	\$200,000
Sonoma	County of Sonoma	72	938	\$400,000
Total	32 agencies	451 facilities	12,581 vehicles	\$6,000,000

* Individual project amounts may change subject to final work scope development.

** Agencies that requested only partial scope of planning assistance