



711 grand ave, #110
san rafael, ca 94901

ph: 415.226.0855
fax: 415.226.0856
marintransit.org

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June 1, 2020

Honorable Board of Directors
Marin County Transit District
3501 Civic Center Drive
San Rafael, CA 94903

SUBJECT: Application for PG&E Electric Vehicle Fleet Program

Dear Board Members:

RECOMMENDATION: Authorize Marin Transit staff to submit an application for PG&E's EV Fleet Program.

SUMMARY:

Marin Transit is planning for electrical infrastructure improvements to charge battery electric buses at 600 Rush Landing Road. These improvements will provide capacity for charging up to 30 standard-sized transit buses. PG&E has grants available for this purpose and requires Board approval to apply for their EV Fleet Program.

BACKGROUND:

Marin Transit is committed to reducing emissions and transitioning to a zero-emission fleet as adopted in the District's Short Range Transit Plan. Marin Transit began this transition in 2010 with the purchase of seven hybrid-diesel-electric buses and continued to invest in this technology. Marin Transit placed its first two zero emission buses into service in 2019. The next zero emission bus purchase will consist of four 40-ft electric buses and staff will bring this purchase to your Board for approval in Fall 2020.

The purchase of property at 600 Rush Landing provides the opportunity for Marin Transit to install infrastructure and make improvements that will support the transition of Marin Transit's fleet. Staff has identified the PG&E EV Fleet Program as an opportunity to make the necessary infrastructure improvements to expand electrical capacity at the site. If accepted, this program will provide enough electrical capacity to charge up to 30 – 40ft battery electric buses.

PG&E EV FLEET PROGRAM:

The California Air Resource Board allocated \$236 million to PG&E to support the conversion of commercial and public fleets to electric at 700+ sites throughout California. The program pays for all improvements to increase electrical capacity to support an electric fleet up to the customer's utility meter. This means that any infrastructure improvements that are required to bring a larger capacity of power to the site including any necessary transformer upgrades will be paid for

by the program. Marin Transit will be responsible for the cost of all improvements after the meter. These may include electrical panels, switch gears, and the electric vehicle chargers. PG&E will provide partial rebates for the cost of the chargers.

An application submission for the program is required for the District to initiate discussions with PG&E and begin the planning and design process. If PG&E accepts Marin Transit into the program, PG&E will work with the District to design and determine the best plan for implementing the full scope of the project. Staff will report back to the Board on the proposed design and any additional construction contracts or funding needed.

Once implementation is complete, PG&E requires Marin Transit to share data related to electrical usage and the vehicle chargers for five years. Marin Transit must also commit to operating the vehicles at this site for a minimum of ten years.

Initially, Marin Transit plans to charge the four electric buses that will be purchased next fiscal year and are expected to be delivered in 2021. The PG&E program will ensure the site is prepared before the vehicles are delivered and will provide capacity to charge up to 26 additional vehicles in the future.

FISCAL/STAFFING IMPACT:

Marin Transit has included \$1,187,842 in the FY20/21 Budget for infrastructure improvements and electrification of 600 Rush Landing as project FS – Facility Improvements. The budgeted amount is an estimate of the cost to Marin Transit to make improvements from the meter to the charging locations on the property. This estimate and plans for improvements will be refined once PG&E and Marin Transit staff have identified the needs and full scope of the project.

Respectfully submitted,



Anna Penoyar