



**DATE:** November 14, 2016

**TO:** Transportation Authority of Marin Finance and Policy Executive Committee

**FROM:** Dianne Steinhauser, Executive Director  
Nicholas Nguyen, Principal Project Delivery Manager

**SUBJECT:** Lease of Staff Electric Vehicle and Installation of Charging Station in TAM Parking Lot (Action), Agenda Item No. 8

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**RECOMMENDATION:**

Move to recommend the lease of a staff electric vehicle and installation of a charging station at the 900 Fifth Avenue TAM Parking Lot to the full Board for acceptance.

**BACKGROUND AND PAST ACTIONS:**

In 2010, Marin voters approved Measure B, Vehicle Registration Fee, which increased the annual vehicle registration fee by \$10 to help fund transportation improvements. Element 3 of the Measure B Strategic Plan included a variety of activities to support the development of alternative fuel infrastructure and alternative fuel vehicle promotion programs. TAM's alternative fuel promotion program is fully committed to:

- Coordinate within Marin interests on Electric Vehicle activities, particularly infrastructure implementation and support of EV fleet conversion;
- Continue to convene TAM's EV Advisory Working Group, and maintain TAM's active participation with the EV Coordinating Council, a collaborative effort of regional agencies, municipalities, EV advocates, and industry representatives;
- Seek and support alternative fuel technologies that will efficiently reduce greenhouse gas emissions.

**DISCUSSION/ANALYSIS:**

Since 2010 TAM has created and funded a host of programs to promote alternative fuels to reduce greenhouse gas (GHG) emissions from Marin County skies. These programs include the following:

1. Public Agency EV Fleet Incentive
2. EV Public Charging Infrastructure
3. SMART Station EV Charging Infrastructure
4. Electric Bus Pilot Program
5. EV Outreach and Education
6. Alternative Fuel Research

The Public Agency EV Fleet Incentive rebate, EV Public Charging Infrastructure rebate and EV Outreach effort have been the collective cornerstone of the TAM's alternative fuel promotion programs. What better way to promote these programs than to participate in them and provide first-hand knowledge of the benefits of EV use and incentive programs.

To that end, staff is proposing the lease of one battery electric vehicle as a staff vehicle to not only offset current transportation needs for TAM business (which are hundreds of reimbursed miles per month), but to also directly promote alternative fuel vehicle adoption in Marin County. The vehicle would be either a Chevrolet Spark EV or Ford Focus EV. An EV charging station would also be installed at TAM's office parking lot located at 900 Fifth Avenue in San Rafael.

Annual Estimated Costs

1. Vehicle Cost (lease amount of \$175per month maximum)	\$2,100
2. Auto Insurance	\$3,600
3. Vehicle Maintenance	\$400
4. Charger Installation (1 <sup>st</sup> year only)	<u>\$6,000</u>
TOTAL 1 <sup>st</sup> Year:	\$12,100 (2 <sup>nd</sup> Year: \$6,100)

A considerable amount of these costs would be offset by state grant opportunities that are pending re-authorization, as well as the private sector:

1. Clean Vehicle Rebate Program for EV Lease or Purchase	\$2,500 per vehicle
2. Bay Area Air Quality Management District Charger Rebate	\$3,000 per charger
3. NRG Make-Ready Credit	<u>\$3,000</u> per charger
TOTAL Possible Rebates:	\$8,500

Remaining costs would be covered by Measure B – Element 3.3 account funds, specifically earmarked for electric vehicle and charging station promotion in this year's alternative fuel promotion program. Staff intends to cap the costs as described above.

**FISCAL CONSIDERATION:**

The cost of this recommended action is \$12,100 for the first year and \$6,100 for the second and third year of the EV lease. If all possible rebates are awarded, first year cost can be as low as \$3,600. Also, depending on vehicle manufacturer and dealer discounts, monthly lease cost may be even lower than projected.

**NEXT STEPS:**

Staff has already started a dialogue with the Landlord of TAM's office parking lot to convert one of the parking spaces to an EV space, as well as the effort necessary to install a charging port.

Staff will research, negotiate, and wait for the best available vehicle lease opportunity and auto insurance plan. Only then will staff procure the EV.