



COUNTY OF SAN DIEGO

2019 MAR 29 PM 12: 19

NATHAN FLETCHER

SUPERVISOR, FOURTH DISTRICT
SAN DIEGO COUNTY BOARD OF SUPERVISORS

CLERK OF THE BOARD
OF SUPERVISORS

AGENDA ITEM

DATE: April 10, 2019

08

TO: Board of Supervisors

SUBJECT

PLOTTING THE COUNTY'S ELECTRIC VEHICLE ROADMAP (DISTRICTS: ALL)

OVERVIEW

Electric vehicles are an important component for the future of transportation and mobility. They provide a fast and clean ride, and can be cheaper to drive than fossil fuel counterparts. Each year, more San Diegans are choosing to drive electric. Drivers and fleet operators have more options when buying and leasing cars; approximately 30 makes and models of fully electric and plug-in vehicles will be available by the end of 2019. Electric and plug-in hybrid electric cars are now close to eight percent of all new car sales in California. Sales in 2018 were up 80 percent as compared with 2017.

The County has an important role to play in helping facilitate the adoption of new technology and clean transportation. The County has made progress, but it is time to prepare for the next wave of funding and to plot out a map for future investments. Electric vehicles are part of our clean transportation future, and can help us meet our Climate Action Plan goals, improve regional air quality, and provide public health benefits. An Electric Vehicle Roadmap can help encourage employees and the public to own electric vehicles, and to be used in the County fleet.

Today's action includes a recommendation to develop an Electric Vehicle Roadmap, identify funding sources to support the Roadmap, and return to the Board with recommendations for review and approval.

RECOMMENDATIONS

SUPERVISOR NATHAN FLETCHER

1. Find that the proposed project (the direction to staff in this letter) is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines sections 15060(c)(3) and 15378(b)(5).
2. Direct the Chief Administrative Officer to develop an Electric Vehicle Roadmap, building on related local studies and progress to date, which shall include, but not be limited to, strategies to increase electric vehicle ownership and use, and install electric vehicle charging infrastructure, and return to the Board with a Roadmap for review and approval by August 2019.

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3. Direct the Chief Administrative Officer to identify future grant opportunities to support the recommendations in the Electric Vehicle Roadmap.
4. Direct the Office of Strategy and Intergovernmental Affairs to advocate for legislation and regulatory changes statewide that would help increase the affordability and availability of electric vehicles and electric vehicle charging infrastructure.

FISCAL IMPACT

N/A

BUSINESS IMPACT STATEMENT

The proposed actions will help businesses in San Diego County, including electric vehicle dealerships and electrical installers, and support the overall innovation economy.

ADVISORY BOARD STATEMENT

N/A

BACKGROUND

The County has made progress to build out infrastructure that can support electric vehicles, at both County facilities and in the unincorporated area. The San Diego County Air Pollution Control District, along with the California Energy Commission and San Diego Gas & Electric, supported a 2014 grant for electric delivery vehicles to be used by the United States Postal Service. The California Energy Commission helped fund a total of 37 chargers at 10 county locations, and usage of these public chargers has increased 20 percent in the last year. Additionally, the County participated in Power Your Drive, which funded the installation of 70 electric vehicle charging stations by San Diego Gas & Electric. The County is increasing its fleet of electric vehicles, with 35 in use and another 15 on order. There is one 'fast charger' available at the County Administration Center for public use.

Electric vehicle strategies were identified in the 2015-2020 Strategic Energy Plan and 2018 Climate Action Plan, creating a forward-looking approach to clean transportation. The San Diego Association of Governments has published numerous reports on electric vehicles, including an infrastructure gap analysis, a readiness plan, and projections of electric vehicle adoption rates. The Electric Vehicle Roadmap represents an opportunity to synchronize these strategies, set electric vehicle targets, and identify measures to achieve those goals.

Other complementary strategies the County could consider include education and outreach, a workplace charging challenge, and electric vehicle ride and drives. The Roadmap could evaluate addressing the east-west highway corridor gaps in charging infrastructure, waiving permitting fees for electric vehicle charging infrastructure, requiring all new and retrofit commercial buildings to be "electric vehicle ready," and using electrical contractors that are certified by the Electric Vehicle Infrastructure Training Program.

The Electric Vehicle Roadmap can be funded through numerous grant opportunities on the horizon. This includes programs from the local utility to fund electric vehicle charging at parks and schools (pursuant to Assembly Bill (AB) 1082 and 1083), Volkswagen's Electrify America,

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private companies, and grant opportunities from the California Air Resources Board and California Energy Commission. Preparing for funding opportunities and collaborating with regional partners can help ensure that the Electric Vehicle Roadmap is achieved with little cost.

Today's action includes a recommendation to develop an Electric Vehicle Roadmap for both County facilities and the unincorporated area, identify funding sources to support the Roadmap, and return to the Board with recommendations for review and approval.

ENVIRONMENTAL STATEMENT

The direction to staff to bring back a strategy to support electric vehicle adoption and uses within the County is not a project under CEQA sections 15060(c)(3) and 15378(b)(5) and are administrative activities that will not result in direct or indirect physical changes in the environment.

Respectfully submitted,



NATHAN FLETCHER
Supervisor, Fourth District

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AGENDA ITEM INFORMATION SHEET

REQUIRES FOUR VOTES: Yes No

WRITTEN DISCLOSURE PER COUNTY CHARTER SECTION 1000.1 REQUIRED
 Yes No

PREVIOUS RELEVANT BOARD ACTIONS:

BOARD POLICIES APPLICABLE:

BOARD POLICY STATEMENTS:

MANDATORY COMPLIANCE:

**ORACLE AWARD NUMBER(S) AND CONTRACT AND/OR REQUISITION
NUMBER(S):**

ORIGINATING DEPARTMENT: District 4

OTHER CONCURRENCE(S):

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