

Memorandum



CITY OF DALLAS

DATE November 4, 2022

TO Honorable Mayor and Members of the City Council

SUBJECT **Public Facing Electric Vehicle Infrastructure**

The Comprehensive Environmental & Climate Action Plan (CECAP), as adopted in May 2020, includes targets and actions to reduce emissions and bring local air quality into compliance with state and federal law. These actions include electrifying our fleet and providing support for city-wide transportation electrification.

Implementing public facing electric vehicle (EV) charging infrastructure to support electrification of our transportation sector is a critical step towards achieving these overarching goals. There are pending federal and state opportunities available to fund this infrastructure and several active EV infrastructure location planning efforts underway that consider ongoing operations and maintenance requirements, in addition to initial costs.

There are approximately 4,065 EVs on the road in Dallas, per estimates from DFW Clean Cities program, reflecting an increase of over 140 percent from 2020 to 2021. Dallas' charging infrastructure currently amounts to less than 40% of the capacity necessary to meet the demands of public and workplace EVs. Dallas currently lags behind other large cities in EV charging especially in public and workplace EV charging.

There are numerous funding sources available for the deployment of EV infrastructure, including the National Electric Vehicle Infrastructure Formula Program, the Texas Electric Vehicle Infrastructure Plan (TEVI), the Charging and Fueling Infrastructure Grants, and the Inflation Reduction Act, among others. Dallas is coordinating with NCTCOG and the new North Texas Electric Transportation Compact Advisory Committee to help facilitate EV Infrastructure adoption across the metroplex. Dallas also worked with the NCTCOG to perform a "gap-analysis" of current EV charging infrastructure in the region. These data are being used to ensure equitable deployment of related funds and equipment moving forward.

City staff are looking forward to continuing to pursue the adoption of widespread EV infrastructure in our city. There is still a lot to learn about EVs and their long-term impact on our environment, but the City is committed to supporting the CECAP and working towards an environmentally friendly future.

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Should you have any questions, please contact Carlos Evans, Director of the Office of Environmental Quality and Sustainability, at carlos.evans@dallas.gov.



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Jack Ireland, Chief Financial Officer
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