

Electric Vehicle Mobility Area Planning Act: U.S. House of Representatives Legislation Introduced Creating Grant Program



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12/14/2020

The Electric Vehicle Mobility Area Planning Act (“EV MAP Act”) was introduced November 24th in the United States House of Representatives.

H.R. 8807 was introduced by Congressman Tom O’Halloran (AZ-01) and Congressman Michael C. Burgess (TX-26).

The legislation would require the creation of a \$10 million grant program to assist local government and electric utilities in identifying the locations for electric vehicle charging stations.

The Secretary of Energy would be required to establish a program providing grants to eligible entities and partnerships of eligible entities to undertake certain activities designed to:

. . . determine where electric vehicle charging stations will be needed to meet the current and future needs of electric vehicle drivers in the 5-year period following receipt of the grant, and to help guide future investments for electric vehicle charging stations.

Potential uses of the grant are identified as:

1. Evaluation of locations of current electric vehicle owners, and potential locations of electric vehicles owners during the 5-year period following receipt of the grant, in the specified area, based on data such as regional commute and travel patterns;
2. Evaluation of estimated current commute and travel patterns, and commute and travel patterns during the 5-year period following receipt of the grant, of electric vehicles in the specified area;
3. Estimation the current electricity usage, and the electricity usage during the 5-year period following receipt of the grant, required to serve electric vehicle charging stations in the specified area;
4. Development of a map identifying concentrations of electric vehicle charging stations to meet the needs of current and future of electric vehicle drivers in the specified area, based on data such as regional commute and travel patterns;
5. Estimation the future need for electric vehicle charging stations in the specified area to support the adoption and use of electric vehicles in shared mobility solutions, such as micro-transit and transportation network companies; and

6. Development of a tool to allow a city, county, or other local agency to compare and evaluate different adoption and use scenarios for electric vehicles and electric vehicle charging stations, with the ability to adjust factors to account for locally and regionally specific characteristics.

The legislation includes definitions for:

- Eligible Entity
- Electric Vehicle
- Electric Vehicle Charging Station
- Indian Tribe

The legislation has been referred to the United States House of Representatives Energy and Commerce Committee.

A copy of the H.R. 8807 can be downloaded [here](#).