

By: Anchía

H.B. No. 3511

A BILL TO BE ENTITLED

AN ACT

relating to the interconnection of electric vehicles to the ERCOT power grid.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Subchapter 2, Chapter 39, Utilities Code, is amended by adding Section 39.9161 to read as follows:

Sec. 39.9161. INTERCONNECTION OF ELECTRIC VEHICLES. (a)

In this section:

(1) "Electric vehicle" has the meaning assigned by Section 42.0102.

(2) "Interconnection" means the right of an electric vehicle owner to physically connect the electric vehicle to an electricity distribution system and the technical requirements, rules, or processes for the connection.

(b) The commission by rule may establish safety, technical, and performance standards for electric vehicles that may be interconnected. In adopting the rules, the commission shall consider standards published by the Underwriters Laboratories, the National Electrical Code, the National Electrical Safety Code, and the Institute of Electrical and Electronics Engineers.

(c) The commission by rule may establish a program to allow the sale of electricity stored by an electric vehicle to the transmission grid and distribution system. The rules may authorize an electric utility or retail electric provider to contract with an

1 electric vehicle owner so that:

2 (1) electricity stored by the electric vehicle is made
3 available for sale to the transmission grid and distribution
4 system;

5 (2) the value of that electricity is credited to the
6 electric vehicle owner; and

7 (3) electric vehicles are eligible to participate in
8 ERCOT market mechanisms, including ancillary services, Virtual
9 Power Plants (VPPs), and Aggregated Distributed Energy Resource
10 (ADER) programs, ensuring their full integration as grid assets.

11 SECTION 2. This Act takes effect September 1, 2025.