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HEALTH AND SAFETY CODE - HSC

DIVISION 26. AIR RESOURCES [39000 - 44475.3] (*Division 26 repealed and added by Stats. 1975, Ch. 957.*)

PART 5. VEHICULAR AIR POLLUTION CONTROL [43000 - 44299.91] (*Part 5 added by Stats. 1975, Ch. 957.*)

CHAPTER 8.8. Electric Vehicles [44269 - 44269.2] (*Chapter 8.8 added by Stats. 2024, Ch. 765, Sec. 2.*)

44269. For purposes of this chapter, the following definitions apply, unless updated pursuant to Section 44269.1:

- (a) "Battery electric vehicle" means a vehicle that operates solely by use of an electric battery or battery pack, or that is powered primarily through the use of an electric battery or battery pack but uses a flywheel or capacitor that stores energy produced by the electric motor or through regenerative braking to assist in vehicle operation.
- (b) "Beneficial bidirectional-capable use case" means the usage of bidirectional-capable battery electric vehicles and bidirectional electric vehicle service equipment in a manner that results in electrical reliability and resiliency benefits and cost savings to the battery electric vehicle operator and is compatible with battery electric vehicle operator needs.
- (c) "Bidirectional-capable vehicle" means a battery electric vehicle capable of both charging and discharging electricity.
- (d) "Bidirectional charging" means a charging capability that enables a battery electric vehicle to be charged by either the electrical grid or an onsite clean energy resource, and to discharge stored energy capacity through electric vehicle service equipment to either serve load or export it to the electrical grid.
- (e) "Bidirectional electric vehicle service equipment" means electric vehicle service equipment capable of both charging and discharging electricity from a battery electric vehicle.
- (f) "Board" means the State Air Resources Board.
- (g) "Commission" means the State Energy Resources Conservation and Development Commission.
- (h) "Electric vehicle service equipment" has the same meaning as defined in Section 44268.

(*Added by Stats. 2024, Ch. 765, Sec. 2. (SB 59) Effective January 1, 2025.*)

44269.1. (a) The board may periodically update the definitions for both of the following terms provided in Section 44269 to ensure that the definitions align with current technologies in bidirectional charging and account for ongoing innovation:

- (1) Battery electric vehicle.
- (2) Bidirectional-capable vehicle.

(b) The commission may periodically update the definitions for the following terms provided in Section 44269 to ensure that the definitions align with current technologies in bidirectional charging and account for ongoing innovation:

- (1) Beneficial bidirectional-capable use case.
- (2) Bidirectional charging.
- (3) Bidirectional electric vehicle service equipment.
- (4) Electric vehicle service equipment.

(*Added by Stats. 2024, Ch. 765, Sec. 2. (SB 59) Effective January 1, 2025.*)

44269.2. (a) (1) The commission, in consultation with the board and the Public Utilities Commission, may require any weight class of battery electric vehicle to be bidirectional-capable if it determines there is a sufficiently compelling beneficial bidirectional-capable

use case to the battery electric vehicle operator and electrical grid.

(2) In its analysis, the commission shall consider vehicle readiness and duty cycles required of vehicles operated by essential service providers.

(b) This section does not prohibit the board from crediting a manufacturer of a battery electric vehicle that voluntarily includes bidirectional capability for that battery electric vehicle weight class.

(Added by Stats. 2024, Ch. 765, Sec. 2. (SB 59) Effective January 1, 2025.)