



SPONSOR: Sen. McDowell & Rep. Baumbach
Sens. Ennis, Hansen, Hocker, Lockman, Pettyjohn, Poore,
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DELAWARE STATE SENATE
150th GENERAL ASSEMBLY

SENATE BILL NO. 12

AN ACT TO AMEND TITLE 26 OF THE DELAWARE CODE RELATING TO GENERATING SYSTEMS WITH THE
NEW SOCIETY OF AUTOMOTIVE ENGINEERS ELECTRIC SAFETY STANDARD.

1 WHEREAS, the Delaware Code limits electric vehicle interconnection by omitting the industry safety standard for
2 electric vehicles that provide power from their batteries; and

3 WHEREAS, the standard specifically created by the Society of Automotive Engineers (SAE) referred to as "SAE
4 J3072" was not available when Senate Bill No. 153 of the 145th General Assembly was enacted in 2009; and

5 WHEREAS, Senate Bill No. 153 also did not consistently use the terms "grid-integrated electric vehicle" and
6 "customer" as they were used elsewhere in § 1014 of Title 26 of the Delaware Code; and

7 WHEREAS, the Institute of Electrical and Electronic Engineers standard "IEEE1547" is also fully included by
8 reference in the corresponding standards of UL, which was formerly known as "Underwriters Laboratories," and of the
9 Society of Automotive Engineers.

10 NOW, THEREFORE:

11 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF DELAWARE (Two-thirds of all
12 members elected to each house thereof concurring therein):

13 Section 1. Amend § 1014, Title 26 of the Delaware Code by making deletions as shown by strikethrough and
14 insertions as shown by underline as follows:

15 § 1014. Public purpose programs and consumer education.

16 (e) The rules and regulations promulgated for net energy metering by the Commission, municipal electric
17 companies, and electric cooperatives during any period of exemption under § 223 of this title shall:

18 (5) Require that all generating systems and grid-integrated electric vehicles used by eligible customer-
19 ~~generators shall~~ customers meet all applicable safety and performance standards established by the National Electrical
20 Code, and those of the Institute of Electrical and Electronic Engineers, and Underwriters Laboratories- UL, or the
21 Society of Automotive Engineers, to ensure that net metering customers meet applicable safety and performance
22 standards and comply with the electric supplier's interconnection tariffs and operating guidelines. An electric supplier's

23 interconnection rules ~~shall~~ must be developed by using as a guide the Interstate Renewable Energy Council's Model
24 Interconnection Rules and best practices identified by the U.S. Department of Energy. Municipal electric companies
25 shall establish interconnection rules no later than July 24, 2008. ~~Electric suppliers shall~~ An electric supplier may not
26 require eligible net-metering customers who meet all applicable safety and performance standards to install excessive
27 controls, perform or pay for unnecessary tests, or purchase excessive liability insurance.

SYNOPSIS

This Act facilitates electric vehicle and grid-integrated electric vehicle interconnection by including the Society of Automotive Engineers industrial safety standard, J3072, which sets safety requirements for electric vehicles that provide power from their batteries back to the electric grid.

This Act also makes technical corrections to conform existing law to the standards of the Delaware Legislative Drafting Manual.

Author: Senator McDowell