

1-1 By: Fraser S.B. No. 1821
1-2 (In the Senate - Filed March 11, 2009; March 20, 2009, read
1-3 first time and referred to Committee on Business and Commerce;
1-4 April 9, 2009, reported favorably by the following vote: Yeas 9,
1-5 Nays 0; April 9, 2009, sent to printer.)

1-6 A BILL TO BE ENTITLED
1-7 AN ACT

1-8 relating to a study with regard to, and the implementation of
1-9 policies to promote, the adoption of plug-in hybrid electric
1-10 vehicles.

1-11 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-12 SECTION 1. Subchapter Z, Chapter 39, Utilities Code, is
1-13 amended by adding Section 39.917 to read as follows:

1-14 Sec. 39.917. EVALUATION OF POLICIES REGARDING PLUG-IN
1-15 HYBRID ELECTRIC VEHICLES. (a) In this section, "plug-in hybrid
1-16 electric vehicle" means a vehicle that:

1-17 (1) draws motive power from a battery with a capacity
1-18 of at least four kilowatt-hours;

1-19 (2) can be recharged from an external source of
1-20 electricity for motive power; and

1-21 (3) is a light-duty motor vehicle as defined by
1-22 Section 386.151, Health and Safety Code.

1-23 (b) The commission shall study the potential for wide-scale
1-24 adoption of plug-in hybrid electric vehicles and shall submit a
1-25 report to the 82nd Legislature regarding the commission's findings.
1-26 The report shall include:

1-27 (1) a summary and evaluation of studies by other
1-28 organizations relating to the sufficiency of the transmission and
1-29 distribution grid and existing generation capacity to charge
1-30 vehicles;

1-31 (2) a summary and evaluation of studies quantifying
1-32 the air quality benefits of the adoption of plug-in hybrid electric
1-33 vehicles, particularly in areas that are, or are likely to be,
1-34 nonattainment areas;

1-35 (3) an evaluation of the sufficiency of existing and
1-36 planned metering infrastructure, settlement policies, and retail
1-37 pricing offers to provide adequate incentives for customers to
1-38 charge vehicles during off-peak hours;

1-39 (4) an evaluation by transmission and distribution
1-40 utilities of the potential impact of increased loading on
1-41 distribution transformers due to increased use of plug-in hybrid
1-42 electric vehicles; and

1-43 (5) recommendations to the legislature relating to
1-44 legislation that the commission finds necessary to support the
1-45 adoption of plug-in hybrid electric vehicles while maintaining a
1-46 reliable transmission and distribution grid.

1-47 (c) Based on the results of the study required by this
1-48 section, the commission may adopt rules as necessary to ensure that
1-49 adequate electric infrastructure and policies are in place to
1-50 support the adoption of plug-in hybrid electric vehicles.

1-51 (d) The commission shall consult with the Electric
1-52 Reliability Council of Texas, transmission and distribution
1-53 utilities, and the Texas Commission on Environmental Quality, as
1-54 appropriate, to conduct the study.

1-55 SECTION 2. This Act takes effect September 1, 2009.

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