

SENATE BILL NO. 327—SENATOR SCHNEIDER

MARCH 16, 2009

Referred to Committee on Energy, Infrastructure and Transportation

SUMMARY—Provides incentives for certain electrification projects. (BDR S-377)

FISCAL NOTE: Effect on Local Government: No.
Effect on the State: No.

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EXPLANATION – Matter in ***bolded italics*** is new; matter between brackets ~~omitted material~~ is material to be omitted.

AN ACT relating to energy; authorizing the Public Utilities Commission of Nevada to provide certain incentives for investments in advanced travel center electrification systems and systems for recharging plug-in electric or plug-in hybrid electric vehicles; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

This bill authorizes the Public Utilities Commission of Nevada to adopt regulations providing certain incentives and portfolio energy credits to an electric utility that operates or invests in an advanced travel center electrification system or a system for recharging plug-in electric or plug-in hybrid electric vehicles. An electric utility is authorized to enter into a joint venture with one or more persons or governmental entities to develop or invest in such an electrification project. To be eligible for any incentives or portfolio energy credits authorized by this bill, an electrification project must be located within the service area of the electric utility.

WHEREAS, Energy and clean air are essential to the health, welfare and security of Nevada residents and businesses; and

WHEREAS, New electrical vehicle propulsion technologies are emerging and their adoption should be encouraged; and

WHEREAS, Nevada public utilities should be encouraged to prepare for large-scale use of electric powered motor vehicles; and

WHEREAS, The efficiency and cost effectiveness of electric generation facilities can be enhanced by spreading the fixed cost of operation over a greater number of hours per day and by introducing a new customer base, namely vehicles; and



1 WHEREAS, Nevada has been a leader in energy efficiency and
2 should continue to adopt public policies that foster energy
3 innovation; and

4 WHEREAS, Transportation fuel costs have risen dramatically,
5 and such costs impact the price of goods and services in Nevada as
6 well as the strength of Nevada's tourism industry; and

7 WHEREAS, Fossil fuel use in vehicles has a detrimental impact
8 on air quality and the health of Nevada's residents and the reduction
9 in use of such fuels will benefit Nevada's environment; now,
10 therefore,

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12 THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
13 SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:
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15 **Section 1.** 1. The Public Utilities Commission of Nevada
16 may adopt regulations which:

17 (a) Establish a program for the approval of an increased rate of
18 return on equity for investments made by an electric utility in:

19 (1) An advanced travel center electrification system; or

20 (2) A system for recharging plug-in electric or plug-in hybrid
21 electric vehicles.

22 (b) For the purpose of complying with a portfolio standard
23 established pursuant to NRS 704.7821:

24 (1) Provide more than one portfolio energy credit for each
25 kilowatt-hour of electricity generated by a wind energy system on
26 the premises of an electrification project if, on an annual basis, 50
27 percent or more of the energy generated by the wind energy system
28 is used by the electrification project; and

29 (2) Provide more than the number of kilowatt-hours deemed
30 to have been generated from a solar photovoltaic energy system
31 pursuant to NRS 704.7822 on the premises of an electrification
32 project if, on an annual basis, 50 percent or more of the energy
33 generated by the solar photovoltaic system is used by the
34 electrification project.

35 2. In applying for any program or portfolio energy credit
36 authorized pursuant to subsection 1, an electric utility may:

37 (a) Enter into a joint venture with one or more persons or
38 governmental entities; and

39 (b) Invest in an electrification project owned by a person other
40 than an electric utility.

41 3. To be eligible for any program or portfolio energy credit
42 authorized pursuant to subsection 1, an electrification project must
43 be located within the service area of the electric utility.

44 4. As used in this section:



* S B 3 2 7 *

- 1 (a) “Advanced travel center electrification system” means a
2 system designed to allow a commercial truck to shut down its
3 engine and still obtain power for heating, cooling, lighting and
4 communication.
5 (b) “Electric utility” has the meaning ascribed to it in
6 NRS 704B.050.
7 (c) “Electrification project” means:
8 (1) An advanced travel center electrification system; or
9 (2) A system for recharging plug-in electric or plug-in hybrid
10 electric vehicles.
11 **Sec. 2.** This act becomes effective upon passage and approval.

