

SENATE BILL NO. 114—SENATORS COFFIN AND
WOODHOUSE (BY REQUEST)

FEBRUARY 19, 2007

Referred to Committee on Commerce and Labor

SUMMARY—Provides that a system that draws or creates electricity from tires is a renewable energy system for purposes of the portfolio standard, as established by the Public Utilities Commission of Nevada. (BDR 58-125)

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; providing that a system that involves drawing or creating electricity from tires is a renewable energy system for purposes of the portfolio standard, as established by the Public Utilities Commission of Nevada; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

- 1 To encourage and accelerate the development of new renewable energy
- 2 projects and to create successful markets for electricity generated by those projects,
- 3 existing law requires the Public Utilities Commission of Nevada to establish
- 4 portfolio standards for certain providers of electric service that require the providers
- 5 to generate, acquire or save a certain amount of electricity each year from portfolio
- 6 energy systems. (NRS 704.7821) This bill adds systems that draw or create
- 7 electricity from tires to the existing list of renewable energy systems, and thereby
- 8 allows a provider of electric service to use electricity from such a source to comply
- 9 with its portfolio standard.



* S B 1 1 4 *

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. NRS 704.7815 is hereby amended to read as follows:

704.7815 **1.** “Renewable energy system” means:

~~(a)~~ **(a)** A facility or energy system that:

~~(1)~~ **(1)** Uses renewable energy or energy from a qualified energy recovery process to generate electricity; and

~~(2)~~ **(2)** Transmits or distributes the electricity that it generates from renewable energy or energy from a qualified energy recovery process via:

~~(I)~~ **(I)** A power line which is dedicated to the transmission or distribution of electricity generated from renewable energy or energy from a qualified energy recovery process and which is connected to a facility or system owned, operated or controlled by a provider of electric service; or

~~(II)~~ **(II)** A power line which is shared with not more than one facility or energy system generating electricity from nonrenewable energy and which is connected to a facility or system owned, operated or controlled by a provider of electric service.

~~(b)~~ **(b)** A solar energy system that reduces the consumption of electricity or any fossil fuel.

~~(c)~~ **(c)** A net metering system used by a customer-generator pursuant to NRS 704.766 to 704.775, inclusive.

(d) Any system that involves drawing or creating electricity from tires, including, without limitation, a system that utilizes a reverse polymerization process.

2. As used in this section:

(a) “Reverse polymerization process” means a process that generates electricity from a tire which:

(1) Uses microwave reduction; and

(2) Does not involve combustion of the tire.

(b) “Tire” includes any tire for any vehicle or device in, upon or by which any person or property is or may be transported or drawn upon land.

Sec. 2. NRS 704.7823 is hereby repealed.

Sec. 3. This act becomes effective on July 1, 2007.



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TEXT OF REPEALED SECTION

704.7823 System that draws or creates electricity from tires deemed not to be renewable energy system; exception; calculation of electricity generated or acquired from certain systems that utilize reverse polymerization process.

1. Except as otherwise provided in subsection 2, any electricity generated by a provider using any system that involves drawing or creating electricity from tires must be deemed to have not come from a renewable energy system for the purpose of complying with a portfolio standard established pursuant to NRS 704.7821.

2. For the purpose of complying with a portfolio standard established pursuant to NRS 704.7821, a provider shall be deemed to have generated or acquired 0.7 kilowatt-hours of electricity from a renewable energy system for each 1.0 kilowatt-hour of actual electricity generated or acquired from a system that utilizes a reverse polymerization process, if:

(a) The system is installed on the premises of a retail customer; and

(b) On an annual basis, at least 50 percent of the electricity generated by the system is utilized by the retail customer on that premises.

3. As used in this section:

(a) "Reverse polymerization process" means a process that generates electricity from a tire that:

(1) Uses microwave reduction; and

(2) Does not involve combustion of the tire.

(b) "Tire" includes any tire for any vehicle or device in, upon or by which any person or property is or may be transported or drawn upon land.

