

SENATE BILL NO. 334—SENATORS SPEARMAN, KRASNER,  
HAMMOND, PAZINA, STONE; AND HANSEN

MARCH 20, 2023

Referred to Committee on Growth and Infrastructure

SUMMARY—Revises provisions relating to energy storage systems that are used to meet certain biennial energy storage targets. (BDR 58-30)

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 an energy storage system that retains, stores and delivers energy through a system that uses only green hydrogen for the purposes of meeting certain biennial storage targets; and providing other matters properly relating thereto.

**Legislative Counsel’s Digest:**

1 Existing law requires the Public Utilities Commission of Nevada to establish by  
2 regulation biennial targets for the procurement of energy storage systems by an  
3 electric utility which has had a gross annual operating revenue of \$250,000,000 or  
4 more in this State if the Commission determines such targets to be in the public  
5 interest. (NRS 704.187, 704.792, 704.796) Existing regulations establish such  
6 targets, with a target for the procurement of energy storage systems with a  
7 cumulative capacity of 1,000 megawatts by December 31, 2030. (LCB File No.  
8 R106-19) Under existing law, to qualify as an energy storage system for the  
9 purpose of meeting the biennial targets, an energy storage system is required to be  
10 commercially available technology that is capable of retaining, storing and  
11 delivering energy after storage by chemical, thermal or mechanical means. (NRS  
12 704.793) **Section 2.8** of this bill authorizes technology that retains, stores and  
13 delivers energy through hydrogen storage and use systems that only use green  
14 hydrogen to be used to meet the existing biennial energy storage targets. **Section**  
15 **2.4** of this bill defines the term “green hydrogen” as hydrogen produced through a  
16 certain process that is completely powered by hourly-matched, geographically  
17 deliverable renewable energy that is new or otherwise would have been curtailed.  
18 **Section 2.6** of this bill makes a conforming change to make this definition  
19 applicable to existing law governing biennial energy storage targets.



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

1       **Section 1.** (Deleted by amendment.)

2       **Sec. 2.** (Deleted by amendment.)

3       **Sec. 2.4.** Chapter 704 of NRS is hereby amended by adding  
4 thereto a new section to read as follows:

5       *“Green hydrogen” means hydrogen that is produced by*  
6 *splitting water molecules into hydrogen and oxygen through an*  
7 *electrolysis process that is completely powered by hourly-matched,*  
8 *geographically deliverable renewable energy that is new or*  
9 *otherwise would have been curtailed.*

10       **Sec. 2.6.** NRS 704.791 is hereby amended to read as follows:

11       704.791 As used in NRS 704.791 to 704.797, inclusive, *and*  
12 *section 2.4 of this act*, unless the context otherwise requires, the  
13 words and terms defined in NRS 704.792, 704.793 and 704.794 *and*  
14 *section 2.4 of this act* have the meanings ascribed to them in those  
15 sections.

16       **Sec. 2.8.** NRS 704.793 is hereby amended to read as follows:

17       704.793 “Energy storage system” means commercially  
18 available technology that is capable of retaining energy, storing the  
19 energy for a period of time and delivering the energy after storage,  
20 including, without limitation, by chemical, thermal or mechanical  
21 means ~~§~~ *or through a hydrogen storage and use system that only*  
22 *uses green hydrogen.*

23       **Sec. 3.** This act becomes effective upon passage and approval.

