

Amendment No. 638

Senate Amendment to Senate Concurrent Resolution No. 4
(BDR R-1130)

Proposed by: Senate Committee on Legislative Operations and Elections

Amends: Summary: Yes Title: Yes Preamble: Amend Joint Sponsorship: No Digest: No

ASSEMBLY ACTION				Initial and Date	SENATE ACTION				Initial and Date
Adopted	☐	Lost	☐	_____	Adopted	☐	Lost	☐	_____
Concurred In	☐	Not	☐	_____	Concurred In	☐	Not	☐	_____
Receded	☐	Not	☐	_____	Receded	☐	Not	☐	_____

EXPLANATION: Matter in (1) *blue bold italics* is new language in the original bill; (2) variations of green bold underlining is language proposed to be added in this amendment; (3) ~~red strikethrough~~ is deleted language in the original bill; (4) ~~purple double strikethrough~~ is language proposed to be deleted in this amendment; (5) orange double underlining is deleted language in the original bill proposed to be retained in this amendment.

BJF



Date: 5/8/2017

S.C.R. No. 4—Directs the Legislative Commission to create an interim study concerning the development of renewable energy resources in this State. (BDR R-1130)



SENATE CONCURRENT RESOLUTION NO. 4—
SENATOR SPEARMAN

MARCH 20, 2017

Referred to Committee on Legislative Operations and Elections

SUMMARY—Directs the Legislative ~~{Commission}~~ Committee on Energy to ~~{create}~~ conduct an interim study concerning the development of renewable energy resources in this State. (BDR R-1130)

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

SENATE CONCURRENT RESOLUTION—Directing the Legislative ~~{Commission to create a committee}~~ Committee on Energy to conduct an interim study concerning the development of renewable energy resources in this State.

WHEREAS, A renewable energy resources program administered by appropriate state and local agencies in this State has the potential to unleash the vast renewable energy resources in this State and put Nevada at the forefront of renewable energy development; and

WHEREAS, The foundation of such a program is rooted in Nevada's expansive and, to date, largely untapped potential for renewable energy resources, including Nevada's yet-to-be-developed geothermal resources, which are more substantial than in any other state, and Nevada's large deposits of lithium, which are currently the only deposits producing lithium for use in the United States; and

WHEREAS, Geothermal energy has the smallest carbon footprint of any form of renewable energy and can be used across a wide spectrum of temperatures, including lower temperatures capable of providing heat for public facilities, homes, greenhouse agriculture and vegetable dehydration and higher temperatures that can produce electricity; and

WHEREAS, Lithium is critical to the burgeoning electrical automobile industry and for battery technology in general, with a wide array of applications for all forms of renewable energy; and

WHEREAS, Systematic studies are needed to locate these renewable energy resources, to analyze the feasibility for developing such resources, to determine the best methods for extraction of such resources and to determine if initial support is needed to assist entrepreneurial industries to develop such resources; ~~{now, therefore, be it}~~ and

WHEREAS, The implementation of cost effective energy efficiency measures by state agencies in this State has the potential to save energy costs for the State of Nevada and protect and improve the environment in this State; and

WHEREAS, The conduct of a statewide audit to identify energy cost-effective energy efficiency measures for implementation by state agencies will

enable the State of Nevada to realize the cost savings and environmental benefits of energy efficiency measures; now, therefore, be it

RESOLVED BY THE SENATE OF THE STATE OF NEVADA, THE ASSEMBLY CONCURRING, ~~{That the Legislative Commission is hereby directed to appoint, as soon as practicable after July 1, 2017, a committee to conduct an interim study, as described herein, which is composed of:~~

~~1. Three members of the Senate, two of whom are appointed by the Majority Leader of the Senate and one of whom is appointed by the Minority Leader of the Senate; and~~

~~2. Three members of the Assembly, two of whom are appointed by the Speaker of the Assembly and one of whom is appointed by the Minority Leader of the Assembly; and be it further~~

~~RESOLVED, That the Legislative Commission shall designate one of the members appointed to the committee to serve as the Chair of the committee; and be it further~~

~~RESOLVED, That the ~~committee~~ Legislative Committee on Energy shall conduct an interim study of the development of the renewable energy resources available in this State; and be it further~~

RESOLVED, That the study include consideration of methods to increase the opportunities for students in this State to study subjects related to renewable energy at community colleges and universities in this State; and be it further

RESOLVED, That, as part of the study, the Legislative Committee on Energy may, if feasible, enter into a contract or other agreement with the University of Nevada, Reno and the University of Nevada, Las Vegas for the gathering of data concerning the total cost of various sources of supply of energy, including, without limitation, natural gas plants, geothermal facilities and solar resources, from obtaining the energy to the delivery of the energy to the end-user of the energy; and be it further

RESOLVED, That the study include the feasibility of converting existing mines into geothermal resources and of using the lithium resources in this State for purposes of energy, which must include, without limitation, consideration of:

1. The potential for using geothermal energy in universities, governmental offices, prisons and other major public facilities in Nevada;

2. The potential for developing geothermal resources for individual mines and mining districts;

3. Ways to support the selection of Fallon, Nevada, as the sight for the Frontier Observatory for Research in Geothermal Energy (FORGE) laboratory to be funded by the United States Department of Energy to test technologies for developing engineered geothermal systems involving the mining of heat from rocks for energy;

4. Methods for the acquisition of light detection and ranging (LiDAR) data, which is high resolution topographic data that may provide critical information on the distribution of faults and rock layers that host renewable energy resources;

5. Methods for the acquisition of new, detailed geologic and energy resource potential maps, including three-dimensional maps, to help identify areas with the greatest potential for development of geothermal and lithium resources;

6. The development of infrastructure and support for staff, including, without limitation, laboratories, geoscientists, digital curators, web specialists, engineers and economists at state agencies to facilitate implementation of a renewable energy resources program in this State; and

7. Any other matter that the ~~committee~~ Committee determines is relevant to the study; and be it further ~~{~~

1 RESOLVED, That, in conducting the study, the Legislative Committee on
2 Energy shall partner or consult with representatives of the Nevada System of
3 Higher Education, the elementary and secondary education system in this
4 State, the National Renewable Energy Laboratory and the private sector; and
5 be it further

6 RESOLVED, That the Legislative Committee on Energy shall, if feasible,
7 contract with the University of Nevada, Reno and the University of Nevada,
8 Las Vegas to conduct a statewide audit to identify energy efficiency measures
9 that could be implemented by agencies of the State of Nevada, determine the
10 costs and benefits of those measures, determine the savings that could be
11 realized by the State of Nevada if those agencies implemented the energy
12 efficiency measures identified in the audit and make recommendations for the
13 implementation of energy efficiency measures by those agencies; and be it
14 further

15 RESOLVED, That the Legislative Committee on Energy shall submit a
16 report concerning the statewide audit to the Legislature and the Governor and
17 provide a copy of the recommendations of the statewide audit to each agency
18 of the State of Nevada; and be it further

19 RESOLVED, That any recommended legislation proposed by the ~~committee~~
20 Legislative Committee on Energy must be approved by a majority of the members
21 of the Assembly and a majority of the members of the Senate appointed to the
22 ~~committee~~ Committee; and be it further

23 RESOLVED, That the Legislative ~~Commission~~ Committee on Energy shall
24 submit a report of the results of the study, including, without limitation, a report
25 of any data collected and presented to the Committee concerning the cost of
26 various sources of supply of energy, and any recommendations for legislation to
27 the 80th Session of the Nevada Legislature.