

Senate Bill 635

Sponsored by Senator BONHAM (Pre-session filed.)

SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure **as introduced**. The statement includes a measure digest written in compliance with applicable readability standards.

Digest: This Act tells OSU to study and make a report on nuclear energy. (Flesch Readability Score: 69.9).

Directs Oregon State University to conduct a feasibility study on nuclear energy generation in this state.

Declares an emergency, effective on passage.

A BILL FOR AN ACT

1
2 Relating to a study on the feasibility of developing nuclear energy generation in this state; and de-
3 claring an emergency.

4 **Be It Enacted by the People of the State of Oregon:**

5 **SECTION 1. (1) Oregon State University shall study the feasibility of developing nuclear**
6 **energy generation in this state. The study must include:**

7 (a) **An evaluation of the advantages and disadvantages of nuclear energy generation in**
8 **this state, including the economic and environmental impacts.**

9 (b) **Proposals to maximize the use of workers who reside in this state and products made**
10 **in this state in the construction of nuclear energy generation facilities.**

11 (c) **An evaluation of and recommendations for:**

12 (A) **Design characteristics;**

13 (B) **Environmental and ecological impacts;**

14 (C) **Land use and facility siting criteria;**

15 (D) **Safety criteria;**

16 (E) **Engineering and cost-related criteria; and**

17 (F) **Small cell nuclear reactor capability.**

18 (d) **A socioeconomic assessment and impact analysis, including:**

19 (A) **Workforce education, training and development;**

20 (B) **State and local tax bases;**

21 (C) **Supply chains; and**

22 (D) **Permanent and temporary job creation.**

23 (e) **The timeline for development, including areas of potential acceleration of efficiencies**
24 **and leveraging existing nuclear generation technology in this state.**

25 (f) **Additional efficiencies and other benefits that may be gained from coordinating with**
26 **other advanced clean energy technologies, including hydrogen, direct air capture of carbon**
27 **dioxide and energy storage technologies.**

28 (g) **A literature review of studies that have assessed the potential impact of nuclear en-**
29 **ergy generation in supporting an energy transition.**

NOTE: Matter in **boldfaced** type in an amended section is new; matter [*italic and bracketed*] is existing law to be omitted. New sections are in **boldfaced** type.

1 **(h) An analysis of national and international studies of cases where development of nu-**
2 **clear energy is supported and adopted.**

3 **(i) Feedback or input provided from stakeholder outreach.**

4 **(2) No later than December 15, 2026, the university shall submit the report to the interim**
5 **committees of the Legislative Assembly related to energy, in the manner provided by ORS**
6 **192.245.**

7 **SECTION 2.** **This 2025 Act being necessary for the immediate preservation of the public**
8 **peace, health and safety, an emergency is declared to exist, and this 2025 Act takes effect**
9 **on its passage.**

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