

A-Engrossed
Senate Bill 333

Ordered by the Senate April 5
Including Senate Amendments dated April 5

Sponsored by Senator BEYER (at the request of Kris Nelson) (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.

[Directs Legislative Revenue Officer to conduct study related to renewable hydrogen] **Directs State Department of Energy to conduct study of benefits of, and barriers to, renewable hydrogen production and use in Oregon** and report results to interim committees of Legislative Assembly related to revenue no later than September 15, 2022.

Sunset January 2, 2023.

Takes effect on 91st day following adjournment sine die.

A BILL FOR AN ACT

1
2 Relating to renewable hydrogen; and prescribing an effective date.

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

4 **SECTION 1. (1) As used in this section, "renewable hydrogen" means hydrogen gas de-**
5 **derived from energy sources that do not emit greenhouse gases.**

6 **(2) The State Department of Energy shall conduct a study of the benefits of, and the**
7 **barriers to, renewable hydrogen production and use in Oregon. The study must utilize ex-**
8 **isting data, studies or other publicly available information to provide a high-level analysis**
9 **of how renewable hydrogen may support existing renewable energy and greenhouse gas re-**
10 **duction policies and goals in Oregon. The study must include:**

11 **(a) Identification of the total hydrogen volume currently used annually in Oregon among**
12 **industries such as technology, manufacturing, medical and chemical.**

13 **(b) Identification of the potential applications in Oregon by 2030 of renewable hydrogen**
14 **in transportation, industry, electricity generation, energy storage and other sectors.**

15 **(c) An assessment of the potential for coupling renewable electricity generation and**
16 **renewable hydrogen production to increase resiliency or provide flexible loads.**

17 **(d) A discussion of forecasted costs of renewable hydrogen and how these costs might**
18 **affect the adoption of renewable hydrogen in Oregon.**

19 **(e) Identification of the technological, policy, commercial and economic barriers to**
20 **adoption of renewable hydrogen in Oregon.**

21 **(3) The department shall submit a report on the study, in the manner provided by ORS**
22 **192.245, to the interim committees of the Legislative Assembly related to revenue no later**
23 **than September 15, 2022.**

24 **SECTION 2. Section 1 of this 2021 Act is repealed on January 2, 2023.**

25 **SECTION 3. This 2021 Act takes effect on the 91st day after the date on which the 2021**
26 **regular session of the Eighty-first Legislative Assembly adjourns sine die.**

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.

