

Senate Bill 333

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 **as introduced**.

Directs Legislative Revenue Officer to conduct study related to renewable hydrogen and report results to interim committees of Legislative Assembly related to revenue no later than September 15, 2022.

Sunsets 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 **rived from renewable energy sources.**

6 **(2) The Legislative Revenue Officer, in consultation with the State Department of En-**
7 **ergy, shall conduct a study of renewable hydrogen benefits in Oregon. The study must in-**
8 **clude:**

9 **(a) Identification of the total renewable hydrogen volume used annually among the high**
10 **technology, manufacturing, medical, chemical and other industries in Oregon.**

11 **(b) An assessment of the benefits of accelerating the decarbonization of this state's**
12 **economy and advancing this state's greenhouse gas emissions reduction goals using**
13 **renewable hydrogen produced in Oregon.**

14 **(c) An assessment of the potential for jobs to be created in Oregon in renewable hydrogen**
15 **research, renewable hydrogen infrastructure construction and renewable hydrogen pro-**
16 **duction and utilization facilities, based on current renewable hydrogen use and potential fu-**
17 **ture applications among transit fleets, heavy-duty vehicles and light-duty fleets, and for**
18 **natural gas power plant cofiring.**

19 **(d) An estimate of the value to Oregon's economy of replacing fossil fuel imports with**
20 **renewable hydrogen, in light of this state's greenhouse gas emissions reduction goals and the**
21 **renewable portfolio standards described in ORS 469A.052 and 469A.055.**

22 **(e) An assessment of the benefits of coupling renewable electricity generation and**
23 **renewable hydrogen production to increase grid resiliency and enhance utility load balancing.**

24 **(f) An assessment of the potential for large, rapid growth in renewable hydrogen demand,**
25 **based on the assumption that dedicated hydrogen stations for fuel cell trucks will be deployed**
26 **near ports and along Oregon's freight corridors.**

27 **(g) An estimate of the cost of renewable hydrogen using projected power rates for 2025**
28 **and 2030.**

29 **(3) The officer shall submit a report on the study, in the manner provided by ORS 192.245,**
30 **to the interim committees of the Legislative Assembly related to revenue no later than**

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 **September 15, 2022.**

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

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

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