

**Enrolled**  
**Senate Bill 333**

Sponsored by Senator BEYER, Representative SMITH DB; Representatives HELM, OWENS, RESCHKE, WILDE (at the request of Kris Nelson) (Pre-session filed.)

CHAPTER .....

AN ACT

Relating to renewable hydrogen; and prescribing an effective date.

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

**SECTION 1.** (1) As used in this section, “renewable hydrogen” means hydrogen gas derived from energy sources that do not emit greenhouse gases.

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

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

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

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

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

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

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

**SECTION 2.** Section 1 of this 2021 Act is repealed on January 2, 2023.

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

**Passed by Senate April 8, 2021**

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Lori L. Brocker, Secretary of Senate

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Peter Courtney, President of Senate

**Passed by House May 11, 2021**

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Tina Kotek, Speaker of House

**Received by Governor:**

.....M.,....., 2021

**Approved:**

.....M.,....., 2021

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Kate Brown, Governor

**Filed in Office of Secretary of State:**

.....M.,....., 2021

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Shemia Fagan, Secretary of State