

Requested by SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

**PROPOSED AMENDMENTS TO  
SENATE BILL 333**

1 On page 1 of the printed bill, delete lines 4 through 30.

2 On page 2, delete line 1 and insert:

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

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

13 **“(a) Identification of the total hydrogen volume currently used an-**  
14 **nually in Oregon among industries such as technology, manufactur-**  
15 **ing, medical and chemical.**

16 **“(b) Identification of the potential applications in Oregon by 2030**  
17 **of renewable hydrogen in transportation, industry, electricity gener-**  
18 **ation, energy storage and other sectors.**

19 **“(c) An assessment of the potential for coupling renewable elec-**  
20 **tricity generation and renewable hydrogen production to increase**  
21 **resiliency or provide flexible loads.**

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

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

6       “(3) The department shall submit a report on the study, in the  
7 manner provided by ORS 192.245, to the interim committees of the  
8 Legislative Assembly related to revenue no later than September 15,  
9 2022.”.

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