

## SENATE AMENDMENTS TO SENATE BILL 333

By COMMITTEE ON ENERGY AND ENVIRONMENT

April 5

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’ means hydrogen gas de-**  
4 **rived from energy sources that do not emit greenhouse gases.**

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

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

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

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

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

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

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

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