

REFERENCE TITLE: hydrogen study committee

State of Arizona
Senate
Fifty-fifth Legislature
Second Regular Session
2022

SB 1396

Introduced by
Senator Shope

AN ACT

ESTABLISHING THE HYDROGEN STUDY COMMITTEE.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Hydrogen study committee; membership; duties;
3 report; delayed repeal

4 A. The hydrogen study committee is established consisting of the
5 following members:

6 1. Three members of the senate who are appointed by the president
7 of the senate, not more than two of whom are members of the same political
8 party. The president of the senate shall designate one of these members
9 to serve as cochairperson of the committee.

10 2. Three members of the house of representatives who are appointed
11 by the speaker of the house of representatives, not more than two of whom
12 are members of the same political party. The speaker of the house of
13 representatives shall designate one of these members to serve as
14 cochairperson of the committee.

15 B. The committee shall:

16 1. Investigate and evaluate existing laws and regulations and
17 recommend legislation related to the production, distribution and storage
18 of hydrogen.

19 2. Study the following:

20 (a) The production of hydrogen from any fuel source, consistent
21 with the natural resources of this state.

22 (b) The construction of a dedicated hydrogen pipeline to serve
23 users of hydrogen in this state, including, residential and commercial
24 use, power generation, transportation, manufacturing and mining.

25 (c) The construction of facilities that result in the blending of
26 hydrogen into existing natural gas transmission and distribution systems
27 that serve residential, commercial and industrial customers in this state.

28 (d) Carbon capture and sequestration, including the long-term
29 liability and responsibility for sequestered carbon and the regulation of
30 underground sequestered carbon.

31 (e) Enhanced oil recovery.

32 (f) Streamlined permitting processes for hydrogen facilities and
33 infrastructure and any other issues that the committee deems necessary.

34 3. Review the safety standards regarding the production,
35 transportation and use of hydrogen by state agencies, including:

36 (a) The Arizona department of homeland security.

37 (b) The Arizona department of forestry and fire management.

38 C. State agencies may take into consideration any applicable
39 international and national codes, regulations and standards after the
40 committee's review, including from the following:

41 1. American institute of aeronautics and astronautics.

42 2. American national standards institute.

43 3. American society of mechanical engineers.

44 4. ASTM international.

45 5. Compressed gas association.

- 1 6. CSA group.
- 2 7. International code council's building, fire, mechanical and fuel
- 3 gas codes.
- 4 8. National fire protection association NFPA 2 hydrogen
- 5 technologies code.
- 6 9. National fire protection association NFPA 1 uniform fire code.
- 7 10. SAE international.
- 8 11. Underwriters laboratories.
- 9 D. The committee shall make recommendations with consultation from:
- 10 1. The state land department.
- 11 2. The bureau of land management.
- 12 3. The corporation commission.
- 13 4. The Indian tribes in this state.
- 14 E. On or before September 1, 2023, the committee shall submit a
- 15 report regarding the committee's recommendations to the president of the
- 16 senate and the speaker of the house of representatives and shall provide a
- 17 copy of this report to the secretary of state.
- 18 F. This section is repealed from and after September 30, 2024.