

**AMENDMENT TO THE COMMITTEE PRINT FOR
H.R. _____
(PIPELINE SAFETY, MODERNIZATION, AND
EXPANSION ACT OF 2024)
OFFERED BY MR. PENCE OF INDIANA**

Add at the end the following:

1 **SEC. ____ . HYDROGEN STUDY.**

2 (a) IN GENERAL.—The Comptroller General of the
3 United States shall conduct a study on existing gas pipe-
4 line facilities that transport a gas blend, containing great-
5 er than 5 percent hydrogen by volume, to identify the
6 changes that operators have implemented to such gas
7 pipeline facilities in order to transport such a gas blend
8 safely.

9 (b) ADDITIONAL CONTENTS.—The study under sub-
10 section (a) shall include—

11 (1) an identification of any technical challenges
12 with repurposing existing natural gas pipeline infra-
13 structure to allow such natural gas pipeline infra-
14 structure to be used for distributing gas blends de-
15 scribed in subsection (a); and

16 (2) an examination of the changes made by
17 international operators to gas pipeline facilities to

1 transport gas blends described in subsection (a)
2 safely, including changes made to pipeline facilities
3 in the United Kingdom, Canada, Europe, Australia,
4 and Hong Kong.

5 (c) CONSIDERATIONS.—In conducting the study
6 under subsection (a), the Comptroller General shall con-
7 sider—

8 (1) changes that domestic and international op-
9 erators of gas pipeline facilities have implemented to
10 safely transport a gas blend described in subsection
11 (a), including changes to odorants and leak-detection
12 methods, pipeline materials, metering, and oper-
13 ational standards used by such operators to account
14 for the operation and integrity of gas pipeline facili-
15 ties; and

16 (2) how such operators have taken into account
17 the effect of transporting a gas blend described in
18 subsection (a) on gas pipeline facility infrastructure,
19 including—

20 (A) gas pipeline facility materials, includ-
21 ing cast iron, steel, composite pipe, and plastic
22 pipe; and

23 (B) components of a gas pipeline facility,
24 including valves and meters.

1 (d) REPORT.—Not later than 1 year after the date
2 of enactment of this Act, the Comptroller General shall
3 submit to the Committee on Energy and Commerce and
4 the Committee on Transportation and Infrastructure of
5 the House of Representatives and the Committee on Com-
6 merce, Science, and Transportation of the Senate a report
7 on the results of the study conducted under subsection (a).

8 (e) RULEMAKING.—The Secretary of Transportation
9 may consider the results of the study under subsection (a)
10 in issuing any final rule related to the transportation of
11 a gas blend that contains greater than 5 percent hydrogen
12 by volume.

13 (f) STATUTORY CONSTRUCTION.—Nothing in this
14 section shall be construed to prohibit or otherwise limit
15 the authority of the Secretary of Transportation to issue
16 a final rule relating to the transportation of a gas blend
17 that contains greater than 5 percent hydrogen by volume
18 prior to the submission of the report under subsection (d).

19 (g) GAS PIPELINE FACILITY DEFINED.—In this sec-
20 tion, the term “gas pipeline facility” has the meaning
21 given such term in section 60101 of title 49, United States
22 Code.

