

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE RESOLUTION

No. 79

Session of 2023

INTRODUCED BY PISCIOTTANO, MATZIE, MARSHALL, E. NELSON, KINKEAD, HILL-EVANS, MERSKI, SIEGEL, McANDREW, MARCELL, MIHALEK, OBERLANDER, COOK, KAIL, STRUZZI, GREGORY, IRVIN, O'NEAL, KUZMA, MALAGARI, HADDOCK, SCIALABBA, D. MILLER, MERCURI, VENKAT, COOPER, MAJOR, NEILSON, GILLEN, FLEMING, DEASY, ABNEY, GERGELY, ARMANINI, BARTON, DAVANZO AND BURNS, APRIL 24, 2023

AS REPORTED FROM COMMITTEE ON CONSUMER PROTECTION, TECHNOLOGY AND UTILITIES, HOUSE OF REPRESENTATIVES, AS AMENDED, MAY 23, 2023

A RESOLUTION

1 Urging the Biden Administration and the Congress of the United
2 States to designate Pennsylvania as a hydrogen hub.

3 WHEREAS, The \$1.2 trillion Infrastructure Investment and Jobs
4 Act will, in part, allocate funding for the purpose of
5 strengthening the United States' resilience to extreme weather
6 events and climate change, while reducing greenhouse gas
7 emissions, expanding access to clean drinking water, building up
8 a clean power grid and much more; and

9 WHEREAS, This act, also referred to as the Bipartisan
10 Infrastructure Law, provides for an investment of approximately
11 \$60 billion in the transmission of clean energy; and

12 WHEREAS, This investment will provide the necessary funding
13 to upgrade the United States' power infrastructure, including
14 the construction of thousands of miles of new, resilient

1 transmission lines that will facilitate the expansion of
2 renewable energy; and

3 WHEREAS, The Infrastructure Investment and Jobs Act provides
4 for the establishment of the Grid Deployment Authority, which
5 will oversee research and development of advanced transmission
6 and electricity distribution technologies, as well as
7 demonstration projects and research hubs for next generation
8 technologies, such as clean hydrogen; and

9 WHEREAS, According to the American Institute of Physics,
10 hydrogen could potentially serve as an important clean fuel
11 source for applications in areas such as transportation and
12 industry; and

13 WHEREAS, Green hydrogen produced from sources of renewable
14 energy does not emit greenhouse gases into the air, but
15 currently involves high costs, which the United States
16 Department of Energy hopes to reduce by 80% through the recently
17 launched Hydrogen Shot initiative; and

18 WHEREAS, The Infrastructure Investment and Jobs Act will
19 provide support for the Hydrogen Shot initiative and dedicate
20 more resources for the utilization of hydrogen fuel by providing
21 \$8 billion in funding over five years to the United States
22 Department of Energy for the establishment of four regional hubs
23 to produce clean hydrogen; and

24 WHEREAS, Under the Infrastructure Investment and Jobs Act, at
25 least one of the hydrogen hubs should employ the use of fossil
26 fuels coupled with carbon capture, at least one should employ
27 renewable energy and at least one should employ nuclear energy;
28 and

29 WHEREAS, At least one hub must demonstrate hydrogen use in
30 power generation, at least one hub must demonstrate hydrogen use

1 in the industrial sector, at least one hub must demonstrate
2 hydrogen use in residential and commercial heating and at least
3 one hub must demonstrate hydrogen use in transportation; and

4 WHEREAS, Recognizing the value of clean hydrogen hubs,
5 Congress has directed the United States Department of Energy to
6 solicit proposals for regional hubs within 180 days of enactment
7 of the Infrastructure Investment and Jobs Act and select at
8 least four regional hubs within one year of the application
9 submission deadline; and

10 WHEREAS, Under the geographic diversity requirement of the
11 Infrastructure Investment and Jobs Act, at least two hubs should
12 be located in regions of the United States with the greatest
13 natural gas resources; and

14 WHEREAS, Pennsylvania is ranked as the second largest
15 producer of natural gas in the United States; and

16 WHEREAS, Because this Commonwealth has an abundance of
17 natural gas, legacy industries and the workforce with required
18 technological expertise for energy development, production,
19 transmission and manufacturing, Pennsylvania would be an ideal
20 location for the placement of a hydrogen ~~hub~~ HUBS; and <--

21 WHEREAS, The residents of this Commonwealth would benefit
22 greatly from the establishment of a hydrogen ~~hub~~ HUBS, which <--
23 would not only bring new jobs and stimulate the economy of this
24 Commonwealth, but would also position Pennsylvania to be a
25 leader of a new and growing alternative energy technology;
26 therefore be it

27 RESOLVED, That the House of Representatives of the
28 Commonwealth of Pennsylvania urge the Biden Administration and
29 the Congress of the United States to designate Pennsylvania as a
30 hydrogen hub; and be it further

1 RESOLVED, That copies of this resolution be transmitted to
2 all of the following:
3 (1) The President of the United States.
4 (2) The President pro tempore of the United States
5 Senate.
6 (3) The Speaker of the United States House of
7 Representatives.
8 (4) Each member of Congress from Pennsylvania.