

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE RESOLUTION

No. 183 Session of
2022

INTRODUCED BY PUSKARIC, STAMBAUGH, PENNYCUICK, LONGIETTI,
MILLARD, HENNESSEY, ROWE, PICKETT, HAMM, STRUZZI AND NEILSON,
MARCH 16, 2022

REFERRED TO COMMITTEE ON ENVIRONMENTAL RESOURCES AND ENERGY,
MARCH 16, 2022

A RESOLUTION

1 Urging the Biden Administration and the Congress of the United
2 States to designate this Commonwealth 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
15 transmission lines that will facilitate the expansion of
16 renewable energy; and

17 WHEREAS, The Infrastructure Investment and Jobs Act provides

1 for the establishment of the Grid Deployment Authority, which
2 will oversee research and development of advanced transmission
3 and electricity distribution technologies, as well as
4 demonstration projects and research hubs for next generation
5 technologies, such as clean hydrogen; and

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

10 WHEREAS, Currently, the most economical means of hydrogen
11 production is from fossil fuels, but, when burned, fossil fuels
12 release large amounts of carbon dioxide, a greenhouse gas, into
13 the air; and

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

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

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

30 WHEREAS, At least one hub must demonstrate hydrogen use in

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

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

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

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

17 WHEREAS, Given this Commonwealth has an abundance of natural
18 gas, it would be an ideal location for the placement of a
19 hydrogen hub; and

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

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

30 RESOLVED, That copies of this resolution be transmitted to

1 all of the following:

2 (1) The President of the United States.

3 (2) The President pro tempore of the United States
4 Senate.

5 (3) The Speaker of the United States House of
6 Representatives.

7 (4) Each member of Congress from Pennsylvania.