
THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE RESOLUTION

No. 178 Session of
2022

INTRODUCED BY MALAGARI, GUENST, SANCHEZ, BROOKS, SCHWEYER,
DELLOSO, McNEILL, HARRIS, DeLUCA, N. NELSON, NEILSON, GUZMAN,
CIRESI, STURLA AND KINSEY, MARCH 8, 2022

REFERRED TO COMMITTEE ON ENVIRONMENTAL RESOURCES AND ENERGY,
MARCH 8, 2022

A RESOLUTION

1 Urging the Biden Administration and the Congress of the United
2 States to designate the southeastern region of this
3 Commonwealth as a hydrogen hub.

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

10 WHEREAS, This act, also referred to as the Bipartisan
11 Infrastructure Law, provides for an investment of approximately
12 \$60 billion in the transmission of clean energy; and

13 WHEREAS, This investment will provide the necessary funding
14 to upgrade the United States' power infrastructure, including
15 the construction of thousands of miles of new, resilient
16 transmission lines that will facilitate the expansion of
17 renewable energy; and

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

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

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

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

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

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

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

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

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

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

18 WHEREAS, The southeastern region of this Commonwealth
19 includes Bucks, Chester, Delaware, Montgomery and Philadelphia
20 Counties; and

21 WHEREAS, Given the southeastern region's geographic location
22 and that the region is home to the Marcus Hook Industrial
23 Complex, a major natural gas hub, consideration should be given
24 to the placement of a hydrogen hub in this region; and

25 WHEREAS, The residents of the southeastern region would
26 benefit greatly from the establishment of a hydrogen hub, which
27 would not only bring new jobs and stimulate the economy of this
28 region, but would also position Pennsylvania to be a leader of a
29 new and growing alternative energy technology; therefore be it

30 RESOLVED, That the House of Representatives of the

1 Commonwealth of Pennsylvania urge the Biden Administration and
2 the Congress of the United States to designate the southeastern
3 region of this Commonwealth as a hydrogen hub; and be it further

4 RESOLVED, That copies of this resolution be transmitted to
5 all of the following:

6 (1) The President of the United States.

7 (2) The President pro tempore of the United States
8 Senate.

9 (3) The Speaker of the United States House of
10 Representatives.

11 (4) Each member of Congress from Pennsylvania.