

## **Bolivia plans to add green hydrogen to its energy mix**

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## **Brazil's Ceará hydrogen project reveals more information**

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## **Canadian companies to install 20 MW electrolyser for blending**

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## **Gazprom and Wintershall Dea exploring transport hydrogen through the pipe**

Gazprom (a Russian majority state-owned multinational energy corporation ) and Wintershall Dea (an independent German natural gas and crude oil company) are discussing the possibility of transporting hydrogen through the existing gas pipeline system, Tilo Viland, a board member of Wintershall Dea quoted by TASS. He said that both companies are studying how much hydrogen can be mixed into the gas when it is transported through existing pipelines. They believe that the existing infrastructure should be used for such projects.

## **GEV study confirms that compressed hydrogen shipment to Asia is feasible**

Global Energy Ventures (GEV) says it has accomplished a scoping study that confirms it can deliver compressed hydrogen (C-H2) supply chain in the Asia Pacific region. The study demonstrates GEV's C-H2 supply chain will be a competitive large-scale marine hydrogen transport solution up to 4,500 nautical miles (8,300 km).

## **Heating and Hotwater Industry Council (HHIC) writes the PM about the hydrogen boilers**

The Heating and Hotwater Industry Council (HHIC) has written to the Prime Minister confirming they have reached an agreement in principle with UK boiler manufacturers. The letter said that the council would support any future UK Government legislation which mandates all new models of domestic boilers to be "hydrogen-ready" from 2025. This commitment is several years ahead of similar action being proposed within the EU.

## **Hyzon Motors to construct mega fuel cell facility in the US**

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## Japan MHI to develop ammonia fired gas turbine

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## Senator Schumer seeks assistance from DOE for Plug Power and hydrogen supply chain

Senator Schumer wrote a letter to the Department of Energy's (DOE) seeking assistance in the new planned Plug Power green hydrogen production facilities, starting with the construction of a \$290 million production facility at the Western New York STAMP site in Genesee County between Rochester and Buffalo. He offers the opportunity to host DOE officials for a meeting with Plug Power to discuss how DOE can provide technical assistance, support, and resource access to help drive the construction of the new WNY green hydrogen production facility; a strong step towards a nationwide green hydrogen supply chain.

## Siemens Energy and Intermountain Power Agency to study hydrogen energy storage at a utility-scale power plant in Utah

Siemens Energy and Intermountain Power Agency will conduct a conceptual design study on integrating a hydrogen energy storage system into an advanced class combined cycle power plant. The project has been awarded a \$200k grant from the US Department of Energy, one of four funding awards received by Siemens Energy in late 2020 to advance hydrogen applications in the US power generation sector. The study is set to begin in March at the 840-MW Intermountain Generating Station in Delta, Utah. The study aims to analyse the overall efficiency and reliability of CO<sub>2</sub>-free power supply involving large-scale production and hydrogen storage. Additionally, the study will analyse aspects of integrating the system into an existing power plant and transmission grid, such as the interaction with subsystems, sizing and costs. The study will be designed around Siemens Energy's Silyzer technology, which uses electrolysis to generate hydrogen.