

## GAIL starts India's maiden project of blending hydrogen into CGD network

### STATE GAS UTILITY

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The hydrogen blended natural gas will be supplied to Avantika Gas, one of GAIL's joint venture with Hindustan Petroleum Corporation (HPCL), for retailing of CNG to automobiles and piped natural gas to households in Indore, the company said in a state-

ment.

"In line with the National Hydrogen Mission, GAIL has started hydrogen blending as a pilot project to establish the techno-commercial feasibility of blending hydrogen in City Gas Distribution (CGD) network. This project marks the stepping stone of India's journey towards hydrogen-based and carbon-neutral future," it said.

GAIL started injection of grey hydrogen at the city gate station (CGS), Indore. **PTI**

## GAIL starts India's maiden project to blend hydrogen into its city gas network

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station (CGS), Indore. "This grey hydrogen would subsequently be replaced by green hydrogen," it said. GAIL has already obtained the necessary regulatory permissions to commence the project.

Depending on the source, the hydrogen is classified as blue, green or grey. Blue hydrogen is when natural gas is split into hydrogen and CO<sub>2</sub>. The CO<sub>2</sub> is captured and then stored.

Grey hydrogen is a similar process to blue hydrogen but the CO<sub>2</sub> is not captured and is released into the atmosphere.

Green hydrogen is hydrogen produced by splitting water by electrolysis using electricity from renewable energy sources such as wind or solar.

This produces only hydrogen and oxygen. The hydrogen is used and oxygen is vented into the atmosphere with no negative impact. MPOST

## सिटी गैस में हाइड्रोजन मिलाने परियोजना शुरू



नई दिल्ली। गेल इंडिया लिमिटेड ने मप्र के इंदौर में प्राकृतिक गैस में हाइड्रोजन को मिलाने की देश की पहली परियोजना शुरू की है। कंपनी ने सोमवार को एक बयान में कहा कि हाइड्रोजन के साथ मिलाई गई प्राकृतिक गैस की अवंतिका गैस लिमिटेड को आपूर्ति की जाएगी। कंपनी ने कहा कि इस गैस की आपूर्ति इंदौर में सीएनजी और घरों में पाइप से प्राकृतिक गैस की खुदरा बिक्री के लिए की जाएगी।