

Oil & Gas PSUs have set up Hydrogen Corpus Fund to fund R&D: Minister

By TIOL News Service

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Minister of State for Petroleum and Natural Gas, Rameswar Teli, in a written reply to a question in the Rajya Sabha today informed that the CNG stations have been set up across the country. A State/UT-wise details of Geographical Areas (GAs) where CNG stations are situated are in Annexure.

Government has announced a National Hydrogen Mission (NHM) in 2021, which inter alia includes development of Hydrogen as a fuel for transportation. Various Research and Development (R&D) activities on Hydrogen are undertaken by Oil and Gas PSUs (OGPSUs). Further, OGPSUs have formed a Hydrogen Corpus Fund to fund R&D on various facts of Hydrogen including its application as an automotive fuel. Few R&D projects have also been undertaken by OGPSUs use green hydrogen for fuel cell based mobility.

Government has supported projects involving Research, Development & Technology Demonstration. Some of these projects are Hydrogen fuel based two wheelers, developed and demonstrated by Banaras Hindu University whereas Hydrogen fuel based three wheelers have been developed and demonstrated by Banaras Hindu University, IIT Delhi and Mahindra & Mahindra. Indian Oil Corporation Limited (IOCL) patented Hydrogen Spiked Compressed Natural Gas (H-CNG) technology has been demonstrated at Rajghat Bus depot on 50 BS-IV compliant commercial CNG buses as part of joint study with M/s Indraprastha Gas Limited.

Government has also promoted setting up of LNG stations on National Highways, golden quadrilaterals, etc. for promotion of LNG in long distance transportation.