

Reply to Parliament Question regarding “Improve Production and Storage of Oil and Gas Reserves” for 19.12.2024 in respect of Numaligarh Refinery Limited (NRL):

Q no. (a): the steps taken/proposed to be taken by the Government to improve the production and storage of oil and gas reserves;

Reply: Ministry to reply.

Q no. (b): whether the Government proposes to implement various other schemes for development of green energy sources and environmental protection, if so, the details thereof;

Reply: Ministry to reply.

[NRL is setting up a 2.4 KTPA green hydrogen plant on EPC basis at Numaligarh, Assam. The green hydrogen plant is targeted to be commissioned by June 2025. Moreover, NRL has floated a tender for setting up another 10 KTPA Green hydrogen plant on BOO (Build, Own and Operate) basis and supply Green Hydrogen for use in refinery, under SIGHT 2B scheme of MNRE]

Q no. (c): the impact of the efforts made by the Government to maintain the stability in supply of petroleum products; and

Reply: Ministry to reply.

[NRL has two marketing terminals – one at Numaligarh and the other at Siliguri. Bulk of NRL's petroleum products are transported from Numaligarh to Siliguri through a pipeline of 1.721 MMTPA capacity which is owned and operated by M/s Oil India Limited. From Siliguri, NRL's products are primarily sold to M/s Bharat Petroleum Corporation Limited (BPCL) and such products are transported by railway rakes to various demand centres in West Bengal, Jharkhand, Odisha, Bihar and Eastern Uttar Pradesh. NRL operates a 1.0 MMTPA product pipeline from Siliguri to Parbatipur in Bangladesh through which HSD is being pumped in intermittent batches based on requirements and indents placed by M/s Bangladesh Petroleum Corporation.

Further, NRL is implementing the following projects to maintain stability in supply of petroleum projects -

- a. 2G Bio Refinery (JV project): NRL, in collaboration with two other foreign investors, have formed the Joint Venture Company - “Assam Bio-refinery Private Limited (ABRPL)” which is setting up a second-generation bio-refinery at Numaligarh, Assam to produce ethanol from non-food grade feed stock bamboo. The approved cost is Rs. 4,200 crore.
- b. NRL is implementing its refinery expansion project from 3 to 9 MMTPA with its associate crude oil pipeline from Paradip, Odisha to Numaligarh, Assam & Crude Oil Import Terminal at Paradip. The

terminal will have 10 crude oil tanks of capacity 60,000 TKL capacity each.]

Q no. (d): **whether any new schemes are being formulation by the Government in this regard for future, if so, the details thereof?**

Reply: Ministry to reply.

Note for Supplementary:

Numaligarh Refinery Limited (NRL) is a Public Sector Enterprise with a 3.0 MMTPA petroleum refinery at Numaligarh in Golaghat district of Assam. Present shareholding pattern of NRL is Oil India Limited (OIL) – 69.63%, Govt. of Assam (GoA) – 26% and Engineers India Ltd (EIL) – 4.37%.
