

Reply to Parliament Question No 1868 for 09.08.2024 for Rajya Sabha regarding “Green Hydrogen Transportation Pipeline” in respect of Numaligarh Refinery Limited (NRL):

Q no. (a): whether the feasibility study by the government for the green hydrogen transportation pipeline from renewable energy zones to ports has been completed, if so, details thereof, if not, the details of the progress;

Reply: Ministry reply.

[NRL has not done the feasibility study for the green hydrogen transportation pipeline from renewable energy zones to ports.]

Q no. (b): whether there is any assessment study of the existing pipeline network for its compatibility in the wake of increasing gas demand, if so, the details thereof;

Reply: Ministry to reply.

[NRL is not conducted any assessment study of the existing pipeline network for its compatibility in the wake of increasing gas demand.]

Q no. (c): whether the Government has taken note of the associated concerns related pipelines such as reliable hydrogen compression technology, if so, steps taken for the same;

Reply: Ministry to reply.

Q no. (d): whether the ports and renewable energy zone for transmission pipeline been finalised, if so, 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%.

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 a 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.

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