

**Reply to Parliament Question No 4111 for 05.12.2024 for Rajya Sabha regarding “Projects under PM-JIVAN” in respect of Numaligarh Refinery Limited (NRL):**

**Q no. (a):** the details regarding the number of proposals sent and approved for establishing biofuels projects under PM JI-VAN scheme especially from Andhra Pradesh;

**Reply:** Ministry to reply.

[NRL is not establishing any biofuels projects under PM JI-VAN especially from Andhra Pradesh. However, Numaligarh Refinery is executing a 2G bio-refinery project in the state of Assam through its Joint Venture Company Assam Bio-Ethanol Pvt. Limited (ABEPL). NRL owns 50% share in the JV company – ABRPL and remaining 50% equity is shared between two Finnish companies viz. M/s Fortum BV3 and M/s Chempolis. M/s Chempolis is also the technology provider for the bio-refinery. Bio-refinery will produce 50 TMTPA of Advance bio-fuel (ethanol) from 300 TMTPA of dry bamboo. The project is being supported under Pradhan Mantri JI-VAN yojana.]

**Q no. (b):** the details regarding the financial assistance allocated and disbursed till date for approved biofuels supported under PM JI-VAN;

**Reply:** Ministry to reply.

[Under Pradhan Mantri JI-VAN yojana, a grant of Rs. 150 Crores has been sanctioned for the project by Central Govt. Two tranches, amounting to 50% of the sanctioned amount (i.e., Rs. 75 Crores), have been disbursed to ABEPL upon the successful achievement of two key milestones: the first milestone, "Installation of Proprietary Items," and the second milestone, "Mechanical Completion."]

**Q no. (c):** the details regarding the physical progress of selected biofuels project and the proposed timeline for their completion; and

**Reply:** Ministry to reply.

[The physical progress of the project is 97.9% and the project is targeted to be commissioned in the month of November, 2024.]

**Q no. (d):** whether any delay occurred in completion of biofuels projects if so, the details thereof and steps taken by the Government to address project delays?

**Reply:** Ministry to reply.

[The project was delayed by 37 months due to new technology and scaling up for commercial production, limited vendors in many packages / equipment due to new technology. Exploring vendors also taken lot of time, import of exotic materials like Titanium, Duplex and Super Duplex resulted in delay in delivery, etc. The project was closely supervised and monitored at the highest

levels of authority by the Government of India, with periodic reviews conducted to ensure its progress and alignment with national priorities.]

**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%.

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