

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
STARRED QUESTION NO.34  
TO BE ANSWERED ON 24.07.2024**

**USE OF RENEWABLE ENERGY IN INDIAN RAILWAY**

**\*34. SHRI VIJAY KUMAR DUBEY:  
SHRI JAGDAMBIKA PAL:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the details regarding the progress made by the Indian Railways Organisation for Alternate Fuel (IROAF) in expanding new sources of environment friendly fuels and energy in Indian Railways;**
- (b) the details about the manner in which 'Amrit Bharat Station Scheme' promotes the use of renewable energy in railway stations; and**
- (c) the State-wise detailed status of 100% electrification initiative of the Ministry of Railways?**

**ANSWER**

**MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND  
ELECTRONICS & INFORMATION TECHNOLOGY**

**(SHRI ASHWINI VAISHNAW)**

**(a) to (c): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.34 BY SHRI VIJAY KUMAR DUBEY AND SHRI JAGDAMBIKA PAL TO BE ANSWERED IN LOK SABHA ON 24.07.2024 REGARDING USE OF RENEWABLE ENERGY IN INDIAN RAILWAY**

**(a) IROAF was formed to explore Alternate Fuel in Indian Railways. It has promoted use of blended Bio-Diesel and partial substitution of Diesel with CNG and LNG for traction purpose. A pilot project for retro-fitment of Hydrogen fuel cell on Diesel Electric Multiple Unit (DEMU) rake for traction purpose has also been taken up. These initiatives are now being handled by Northern Railway.**

**(b) 'Amrit Bharat Station Scheme' envisages gradual shifting to sustainable and environmental friendly solution as per availability of funds and condition of existing assets which includes use of renewable energy.**

**(c) 100% Electrification of Broad Gauge network has been achieved in the following State/Union Territory, Andhra Pradesh, Bihar, Chandigarh, Chhattisgarh, Delhi, Haryana, Himachal Pradesh, J&K, Jharkhand, Kerala, Madhya Pradesh, Maharashtra, Meghalaya, Nagaland, Odisha, Puducherry, Punjab, Telangana, Uttar Pradesh, and Uttarakhand.**

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