

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 307
ANSWERED ON 03.02.2023

100 PER CENT ELECTRIFICATION OF RAILWAYS

307 SHRI SUJEET KUMAR:

Will the Minister of Railways be pleased to state:

- (a) whether 20 per cent of railways' broad gauge tracks remain non-electrified, in light of the target set by Railways to achieve 100 per cent of electrification by 2023;
- (b) if so, the steps taken by Railways to achieve the same;
- (c) whether it is a fact that the required renewable energy installed capacity to meet the electricity demand is 30,000 MW, wherein only 245 MW is installed by August 2022, in light of the target set by Railways to become a 'Net Zero' entity by 2030; and
- (d) if so, the steps taken by Railways in this regard?

ANSWER

MINISTER OF RAILWAYS, COMMUNICATIONS AND
ELECTRONICS & INFORMATION TECHNOLOGY
(SHRI ASHWINI VAISHNAW)

(a) to (d) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 307 BY SHRI SUJEET KUMAR ANSWERED IN RAJYA SABHA ON 03.02.2023 REGARDING 100 PER CENT ELECTRIFICATION OF RAILWAYS

(a) No, Sir.

(b) Does not arise.

(c) and (d) The projected energy demand of Indian Railways in 2029-30 is expected to be about 8,200 Mega Watt (MW). To achieve Net Zero Carbon Emission, expected requirement of renewable capacity by 2029-30 would be about 30,000 MW. As of December, 2022 about 145 MW of solar plants (both on Rooftops and on land) and about 103 MW of Wind power plants have been commissioned. Further, renewable capacity of about 2150 MW has been tied up.

On the similar lines, Indian Railways has planned to progressively procure renewable energy from different power procurement modes for its future energy requirements.
