

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 1500
TO BE ANSWERED ON 10.02.2021**

SOLAR TRAINS

†1500. SHRI KAUSHAL KISHORE:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Indian Railways has created history by running its first solar power technology system based train in Delhi in the year 2017;**
- (b) if so, whether the Government has further progressed in this direction and started new trains based on this technology;**
- (c) if so, the details thereof;**
- (d) whether the Government has received any proposal from Uttar Pradesh in this regard or any scheme is being proposed for the State based on this technology and if so, the details thereof; and**
- (e) if not, whether the Government itself is working on any scheme for running trains based on this technology in Uttar Pradesh and if so, the details thereof?**

ANSWER

**MINISTER OF RAILWAYS, COMMERCE & INDUSTRY AND CONSUMER
AFFAIRS, FOOD & PUBLIC DISTRIBUTION**

(SHRI PIYUSH GOYAL)

- (a) Indian Railways has introduced Solar Power Technology on passenger train running between Sarai Rohila (Delhi) to Farrukh Nagar (Haryana) in July 2017 for meeting the light and fan load requirement.**

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(b) & (c) Yes, Sir. So far 60 passenger coaches have been equipped with solar panel for meeting its light and fan power requirements as per the details given below:

- **14 Nos. Diesel Electric Multiple Unit (DEMU) Trailer Coaches (TCs) based at Shakurbasti in Delhi.**
- **10 Nos. passenger coaches in Swatchata Express at Delhi.**
- **06 Nos. DEMU TC coaches based at Jamalpur, Bihar.**
- **10 Nos. Non-AC passenger coaches based at Lucknow, Uttar Pradesh (Lucknow to Varanasi Intercity).**
- **13 Nos. Non-AC passenger coaches under Corporate Social Responsibility (CSR) Funding of IRFC based at Sitapur, Uttar Pradesh (Sitapur-Delhi-Rewari Section).**
- **7 Nos. Non-AC coaches in Train No. 12084-83 Janshatabdi Express, Tamil Nadu.**

(d) No, Sir.

(e) 10 Non-AC coaches at Mathura, Uttar Pradesh to run in Mathura-Alwar Section and 30 Non-AC passenger coaches in Lucknow-Varanasi Section are to be equipped with solar power technology.
