

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 39
TO BE ANSWERED ON 18.07.2018**

SOLAR POWERED TRAINS

39. SHRIMATI SANTOSH AHLAWAT:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government has started any train which runs on Solar Power and if so, the details thereof;**
- (b) whether the Government has any plan to increase the number of trains which will run on solar power and if so, the zone-wise details thereof alongwith the time-frame, if any, prepared in this regard;**
- (c) the running cost of trains using Solar Power; and**
- (d) whether the manufacturing cost of solar powered train is cheaper than the electric train and if so, the details thereof?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

- (a) No, Madam. However, Indian Railways have provided Solar Panels on rooftop of 19 Narrow Gauge (Northern Railway) and 3 Broad Gauge non air-conditioned coaches in service (one each by Northern Railway, West Central Railway & Southern Railway) for use of electrical energy in train lighting system, on trial basis. Further, Railways have taken decision to provide solar panel on roof top of general coaches of two number of day running intercity trains in Northern and Southern Railway and 50% Narrow Gauge coaches plying on Pathankot – Joginder Nagar route in Kangra Valley**

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section and Kalka-Shimla section of Northern Railway for conducting extended trials for one year in all weather conditions. In addition, Solar Panels have been provided on 06 nos. of Non-AC trailer coaches of Diesel Electric Multiple Unit (DEMU).

(b) to (d) Do not arise.
