

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-2474
ANSWERED ON- 22/03/2023

**SOLAR AND WIND ENERGY-BASED CHARGING MECHANISMS FOR
ELECTRIC MOBILITY**

2474. SHRI JAGGESH:
SHRI VAIKO:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether it is a fact that Government is strongly encouraging solar and wind energy-based charging mechanisms for electric mobility;
- (b) whether Government plans to develop Electric Highways powered by solar energy to facilitate charging of heavy duty trucks and buses while running, through overhead power lines; and
- (c) if so, the details of the proposed plan and the time frame for its implementation?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) Government had sanctioned following Solar Based Charging Infrastructure for electric vehicles (EVs) under phase-I of FAME India Scheme:-

Charging Stations details	Organization	Sanctioned	Installed
Solar Based Charging Infrastructure for EVs in NCR by REIL, Jaipur	REIL, Jaipur	3	3
Solar Grid Hybrid and Grid powered Charging Station along Delhi-Jaipur-Agra Highway	REIL	25	25
Solar Based Chargers (20 locations) along Delhi Chandigarh Highway	BHEL	20	20

Further, Ministry of Power (MoP) issued revised Consolidated Guidelines & Standards for Charging Infrastructure on 14.01.2022. The guidelines provide that any Public Charging Station/Chain of Charging Stations may obtain electricity from any generation company through open access. Open access shall be provided within 15 days for this purpose. The provision allowing open access would enable the Renewable Energy to be utilized for the purpose of Charging of Electric Vehicles through these Public Charging Stations (PCS).

(b) and (c) No such proposal is under consideration with this Ministry.
