

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY

RAJYA SABHA
UNSTARRED QUESTION NO. 1944
TO BE ANSWERED ON 04.01.2018

Enabling ecosystem for all electric vehicles

1944. SHRI RAJEEV CHANDRASEKHAR:

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state the steps taken to create an enabling ecosystem for the wave of associated investment, regulatory changes, innovative financing and partnerships that would be required to achieve the commensurate scale up given the Government's ambitious target of replacing all new cars with electric vehicles by 2030?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HEAVY INDUSTRIES AND
PUBLIC ENTERPRISES (SHRI BABUL SUPRIYO)**

1. At present, no proposal for replacing all new cars with electric vehicles by 2030 is under consideration of the Department of Heavy Industry.
2. However, the Government has formulated a Mission Plan for electric vehicles (including hybrid vehicles) viz. National Electric Mobility Mission Plan 2020 (NEMMP 2020). The NEMMP 2020 provides a road map for facilitating the manufacture and use of electric and hybrid vehicles through a series of interventions in order to support R&D in technology including battery technology, create demand for such vehicles, and to enhance manufacturing of such vehicles significantly by the year 2020.
3. As part of the mission, Department of Heavy Industry has notified a FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] for implementation with effect from 1st April 2015. The scheme was proposed to be implemented over a period of 6 years till 2020, wherein it is intended to support the hybrid/electric vehicles market development and its manufacturing eco-system to achieve self-sustenance at the end of stipulated period. At present, the Phase-I of the scheme is under implementation, which was originally for a period of 2 years till 31st March 2017 but has been extended further till 31st March 2018. The scheme is being implemented through four focus areas namely Technology Development (R&D); Pilot Project; Charging Infrastructure and Demand Creation.
4. Market creation through demand incentives is aimed at incentivizing all vehicle segments i.e. 2-Wheelers, 3-Wheelers Auto, Passenger 4-Wheeler vehicles, Light Commercial Vehicles and Buses. The demand incentive is available to buyers (end users / consumers) in the form of an upfront reduced purchase price to enable wider adoption. The detailed demand incentives allowed under the scheme for purchase of electric/hybrid vehicles is given at Annexure-13 of the Gazette notification of FAME India Scheme, which is available in the website of Department of Heavy Industry (www.dhi.nic.in). Also, specific projects / proposals received under the different focus areas namely Technology Development (Research & Development); Pilot Projects; Charging Infrastructure are funded by the Government under this scheme .

contd./-

5. To further demand aggregation, Energy Efficiency Services Limited (EESL), a Joint Venture of PSUs under the Ministry of Power, has targetted the procurement of 10,000 Electric Cars and has issued LoAs for phase-1 of 400 Electric Cars to M/s Tata Motors (250 nos.) and M/s Mahindra & Mahindra Ltd. (150 nos.) .

6. Further, NITI Aayog has informed that they have undertaken the following activities to assess the electric vehicle scenario in India –

- (a) NITI Aayog with AC2SG has released a proposal for the quick pilot to develop electric vehicle charging infrastructure in Delhi-NCR.
- (b) NITI Aayog and Rocky Mountain Institute (RMI) jointly published a report – “India Leaps Ahead: Transformative Mobility Solutions for all” on 12th May 2017.
- (c) NITI Aayog and RMI released policy brief on 22nd November 2017 –
 - (i) India Energy Storage Mission : A Make in India Opportunity for Globally Competitive battery manufacturing
 - (ii) Valuing Society First: An Assessment of the Potential for a Feebate Policy in India.
