

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES  
LOK SABHA  
UNSTARRED QUESTION NO. 354  
ANSWERED ON 04.02.2025

**PROMOTION OF ELECTRIC VEHICLE (EV) ADOPTION PRACTICES IN RURAL AREAS**

**354. DR. BHOLA SINGH:**

Will the Minister of **HEAVY INDUSTRIES** be pleased to state:

- (a) whether the Government has introduced strategies to promote EV adoption in rural and underserved regions as part of the e-Mobility Promotion Scheme, 2024 (EMPS, 2024);
- (b) the details of the financial and infrastructure support being provided to facilitate EV adoption in these areas;
- (c) whether there are specific initiatives to encourage public transport electrification in rural India; and
- (d) the expected impact of these measures on reducing fossil fuel dependency and lowering carbon emissions?

**ANSWER**  
**THE MINISTER OF STATE FOR HEAVY INDUSTRIES**  
**(SHRI BHUPATHIRAJU SRINIVASA VARMA)**

**(a) & (b):** The Ministry of Heavy Industries implemented Electric Mobility Promotion Scheme (EMPS) 2024, with an outlay of Rs.778.00 crore, for a period of six (06) months, from 01.04.2024 to 30.09.2024, for faster adoption of electric two wheeler (e2W) and three wheeler (e-3). The scheme was implemented on pan India basis including rural and underserved regions.

Further, EMPS-2024 has been subsumed in 'PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme' notified on 29.09.2024 to provide further impetus to the green Mobility & development of EV Manufacturing eco-system in the country. The scheme is being implemented over a period of two years from 01<sup>st</sup> April, 2024 to 31<sup>st</sup> March, 2026 on pan India basis including rural and underserved regions and it has an outlay of Rs.10,900 crore including the outlay of EMPS-2024. The PM E-DRIVE scheme has following three component:

- i. Subsidies: Demand incentives for e-2W, e-3W, e-ambulances, e-trucks & other new emerging EV categories;
- ii. Grants for creation of capital assets: e-buses, establishment of network of charging stations & upgradation of vehicle testing agencies identified under this Scheme; and
- iii. Administration of Scheme including IEC (Information, Education & Communication) activities and fee for Project Management Agency (PMA).

**(c):** With greater emphasis on providing affordable and environment friendly public transportation options for the masses, the PM E-DRIVE Scheme is applicable mainly to vehicles used for public transport or those registered for commercial purposes in e-3W, e-trucks and other new emerging EV categories. However, in addition to commercial use, privately or corporate owned and registered e-2W are also be eligible under the Scheme. Further, the Scheme envisages

an outlay of Rs.4,391 crore for roll out of 14,028 e-buses. In addition, the Scheme envisages support of Rs.2,000 crore for setting up of adequate public charging infrastructure for various categories of vehicles to instill confidence amongst EV users.

**(d):** It is expected that the PM E-DRIVE scheme will reduce fossil fuel dependency and lower carbon emissions through faster adoption of electric vehicles (EVs), setting up of charging infrastructure and development of EV manufacturing eco-system in the country.

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