

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 4155
ANSWERED ON 19.08.2025

EVs AND HYBRID ELECTRIC VEHICLES

4155. SHRI ESWARASAMY K:

Will the Minister of HEAVY INDUSTRIES be pleased to state:

- (a) whether the Government has set a sales target of EVs and hybrid electric vehicles annually and if so, the details thereof;
- (b) whether a battery capacity of about 400 Gigawatt hours (GWh) each year would be required to meet this demand;
- (c) if so, how the Government plans to meet the expected demand;
- (d) whether the Government has planned to invest in battery research and development ecosystem domestically, considering that lithium is an important mineral used in production of batteries and its global demand is increasing; and
- (e) if so, the details thereof and if not, the reasons therefor?

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

(a) to (c): Government has not set any annual sales target of EVs and hybrid electric vehicles. Requirement of batteries is demand driven and no such assessment for battery capacity requirement has been done.

(d) & (e): Yes, under the Production Linked Incentive (PLI) Scheme for Advanced Chemistry Cell (ACC) Battery Storage, investment in R&D is part of the programme agreement. The PLI ACC scheme incentivizes beneficiary firms for technology transfer by considering it as an eligible investment and the scheme emphasizes achieving a value addition of at least 60% within five years from the appointed date, which encourages technology transfer, Research and Development (R&D), and localization. This focus is expected to benefit domestic cell component manufacturers by integrating them into the local supply chain, developing technological advancements and reducing import dependence.
