

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
STARRED QUESTION NO. 180
ANSWERED ON 01.08.2023

POLICY ON BATTERY DECOUPLING

**180. SHRI UNMESH BHAIYYASAHEB PATIL:
DR. SUJAY RADHAKRISHNA VIKHE PATIL:**

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

- (a) whether the Government is actively collaborating with the Electric Vehicle (EV) industry to develop a concrete policy on battery decoupling as requested by the industry and if so, the details thereof;
- (b) whether the Government has conducted or commissioned any studies to assess the potential benefits and challenges associated with battery decoupling in the context of promoting electric mobility and enhancing the sustainability of EVs in the country and if so, the details thereof;
- (c) whether the Government has plans to address the issue of standardisation and interoperability in battery decoupling, ensuring compatibility between different EV models, battery chemistries and charging infrastructure; and
- (d) if so, whether the Government has initiated any pilot projects or research and development activities in the area of battery decoupling, if so, the details and the current status thereof

ANSWER
THE MINISTER OF HEAVY INDUSTRIES
(DR. MAHENDRA NATH PANDEY)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (D) OF LOK SABHA STARRED QUESTION NO. 180 FOR 01.08.2023 ASKED BY SHRI UNMESH BHAIYYASAHEB PATIL AND DR. SUJAY RADHAKRISHNA VIKHE PATIL REGARDING “POLICY ON BATTERY DECOUPLING”.

(a) & (b): Sir, as per the information received from NITI Aayog, in June 2021, the Vice Chairman NITI Aayog and the Principal Scientific Advisor to the Government interacted with leading industry representatives. Due to availability of number of battery packs and connectors available, it was decided to study them and propose common solution for the country. A Technical Jury set up under Department of Science and Technology took inputs from 40 stakeholders, mostly manufacturers of EV, Batteries, Connectors, National Research laboratories etc.

The Government has conducted various studies and commissioned reports to assess the potential benefits and challenges of promoting electric mobility and enhancing the sustainability of electric vehicles (EVs) in the country. These studies aimed to understand the implications of transitioning to electric mobility and to formulate policies that would support and accelerate the adoption of EVs in India. The findings of the studies may be accessed from the links given below:

<https://www.niti.gov.in/e-mobility-national-mission-transformative-mobility-and-battery-storage>
<https://e-amrit.niti.gov.in/reports-and-articles>

(c): Sir, as per the information received from NITI Aayog, the battery-swapping draft policy was released for public consultation in 2022, and feedback has already been incorporated.

(d): No, sir.
