GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 2768
ANSWERED ON 18.03.2025

IMPACT OF 10 GWh CAPACITY PROJECT

†2768. SHRI CHINTAMANI MAHARAJ:
SHRI BIBHU PRASAD TARAI:

Will the Minister of HEAVY INDUSTRIES be pleased to state:

(a) in what way this project with 10 GWh capacity contribute to achieving India's overall battery manufacturing targets;

(b) the manner in which this agreement aligns with the National Mission on Transformational Mobility and Battery Storage of India;

(c) the impact of this initiative on the Electric Vehicle (EV) ecosystem and energy storage sector in India;

(d) whether the Government has any proposal to have a collaboration with other companies to further boost ACC (Advanced Chemistry Cell) production under the PLI scheme; and

(e) if so, the details thereof?

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

(a), (d) & (e): The Ministry of Heavy Industries (MHI) administers a Production Linked Incentive (PLI) Scheme namely "National Programme on Advanced Chemistry Cell (ACC) Battery Storage". Under the scheme, the total outlay is ₹18,100 Crore for a capacity of 50 GWh for a period of 5 years after gestation period of 2 years. A total of 40 GWh in two tranches has been allocated to four PLI beneficiaries. Further, as per recommendation of EGoS in July 2024, MHI initiated the process for finalizing bid documents for balance 10 GWh capacity for Grid Scale Stationary Storage (GSSS) applications in consultation with Ministry of New and Renewable Energy (MNRE). The details of the scheme may be seen at: https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage. The objectives of the PLI ACC scheme are:

i. Promoting indigenous manufacturing
ii. Enhancing cost competitiveness
iii. Boosting clean energy and sustainability
iv. Encouraging investment and innovation
v. Developing a robust supply chain and generating employment and economic growth.
vi. Fostering local manufacturing to decrease dependence on imported batteries, supporting the broader goal of self-reliance in the energy sector.

(b): The "National Mission on Transformative Mobility and Battery Storage" is a government initiative in India which, *inter-alia,* aimed at accelerating the adoption of electric vehicles (EVs) and battery storage technologies by promoting manufacturing of Giga Scale battery manufacturing units.

(c): The scheme is creating ACC manufacturing ecosystem in the country by reducing battery costs, making EVs more affordable and accelerating adoption, enhancing energy storage solutions for renewable integration, improving grid stability and energy efficiency.

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