

National Programme on Advanced Chemistry Cell Battery Storage

May 14, 2021

In news- The Cabinet approved the proposal for implementation of the Production Linked Incentive (PLI) Scheme 'National Programme on Advanced Chemistry Cell (ACC) Battery Storage'.

About the programme-

- It was a proposal of the Department of Heavy Industries.
- It **aims at** achieving a manufacturing capacity of 50 GigaWatt Hour (GWh) of ACC and 5 GWh of "Niche" ACC with an outlay of Rs.18,100 crore.
- ACCs are the new generation of advanced storage technologies that can **store electric energy either as electrochemical or as chemical energy** and convert it back to electric energy as and when required.
- The consumer electronics, electric vehicles, advanced electricity grids, solar rooftop etc... are major battery consuming sectors.
- All the **demand of the ACCs is currently being met through imports** in India.
- ACC battery Storage manufacturers will be selected through a transparent competitive bidding process.
- The manufacturing facility would have to be commissioned within a period of two years.
- The **incentive** will be disbursed thereafter over a **period of five years.**
- Each selected ACC battery storage manufacturer would have to commit to set up an ACC manufacturing facility of minimum 5GWh capacity and ensure a minimum 60% domestic value addition at the project level within five years.

- The scheme will help in **net savings of ₹2 trillion to ₹2.5 trillion** during the programme period by reducing the oil import bill, given the proposed shift to electric vehicles.