



## India Plans for Battery Storage Plant

The Government of India will invest around \$4 billion to set up at least four Tesla-style Gigafactories for battery production.

- The initiative is part of Government's plan to transition to electric vehicles, cut down pollution and reduce dependency on foreign oil imports.

### Background

- In [Union Budget 2019](#), the Government announced tax waivers for setting up mega-manufacturing plants for solar photovoltaic cells, lithium storage batteries and solar electric charging infrastructure.
- According to [NITI Aayog](#), India will need 6 gigawatt-scale facilities with each having 10 GWh capacity by 2025 and 12 by 2030 to cater the domestic demand.

### How the move will benefit India?

- It will secure India's energy needs.
- It will enable India to develop an [electric vehicle](#) ecosystem.
- It will reduce India's import bill on batteries as well as on fuel.
- It will be helpful in containing pollution by promoting clean energy and will help India to achieve its INDC targets.

### Challenges for India

- Financial viability of project.
- Technological barriers.
- Lack of stable policy for Electric Vehicle.
- Enabling infrastructural issues like land acquisition.

Recently, the Government has also launched the [National Mission on Transformative Mobility and Battery Storage](#) to drive mobility solutions and **promote clean, connected, shared, sustainable and holistic mobility initiatives.**

**Source:** [Livemint](#)