

GOVERNMENT OF INDIA  
MINISTRY OF POWER

**RAJYA SABHA**  
**UNSTARRED QUESTION NO.1593**  
**ANSWERED ON 05.08.2024**

**NATIONAL FRAMEWORK FOR PROMOTING ENERGY STORAGE SYSTEMS**

**1593 # SHRI RAJENDRA GEHLOT:**

Will the Minister of **POWER** be pleased to state:

- (a) whether Government has notified the National Framework for Promoting Energy Storage Systems, if so, the details thereof;
- (b) whether Government has set any target to achieve cumulative installed capacity from non-fossil fuel-based energy source by 2030, if so, the details thereof along with the progress made in this regard; and
- (c) whether any national framework has been prepared to promote energy storage system, if so, the details thereof, if not, the reasons therefor?

**A N S W E R**

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

**(a) & (c) :** Yes. Government of India has notified the “National Framework for Promoting Energy Storage Systems” in Aug, 2023 to promote the rapid development and deployment of technology agnostic Energy Storage Systems (ESS) in the country. This framework provides a gist of the rules, resolutions and orders issued by the Government so far to encourage the faster adoption of energy storage system to ensure an environmentally sustainable and financially viable power sector. The framework also covers the estimated storage requirement and required policy interventions including financial incentives, Guidelines for Resource Adequacy Plan, facilitating Connectivity and Grid Access, Bidding Guidelines for procurement of ESS, promoting indigenous technology and waiver of Cess, Tax and duties. It will help in achieving twin objectives of ensuring energy transition and energy security.

**(b) :** As per the updated Nationally Determined Contribution (NDC) submitted to the United Nations Framework Convention for Climate Change (UNFCCC), India has committed to achieve about 50 percent cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030. As on 30.06.2024, a total of 203 GW (45.5 %) non-fossil fuel-based capacity has been installed in the country out of the overall installed electricity capacity of 446 GW.

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