India has already included energy storage power stations in regulations

Overview

The Ministry of Power has notified the Electricity (Amendment) Rules, 2025, introducing changes in the regulatory framework governing the energy storage systems (ESS) usage. To address the intermittency of renewable energy and to maintain grid stability, the Government of India has taken a series of coordinated policy, regulatory, demand-side and supply-side measures to promote the development and deployment of energy-storage technologies, including Battery Energy. NLR's energy storage readiness assessment for policymakers and regulators, summarized on this page, identifies areas of focus for developing a suite of policies, programs, and regulations to enable storage deployment in India. India's electric power system is evolving. It has defined technical norms, tariff mechanisms and operational rules. The rules amend. Energy storage is critical towards ensuring grid reliability, security, and cost optimisation given India's growing share of renewable energy in its power purchase mix.

India has already included energy storage power stations in regulat

NATIONAL FRAMEWORK FOR PROMOTING ENERGY ...

Recognizing Energy storage as an essential infrastructure in India, Department of Economic Affairs vide notification dated 11.10.2022 has included "Energy Storage Systems (ESS)" in the Harmonized ...

India Advances Energy Storage for Stable Renewable Power

Under the Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2022, storage systems are eligible to provide Secondary and Tertiary Reserve Ancillary Services, ...

Press Release:Press Information Bureau

Under the Electricity (Rights of Consumers) Rules, 2020, amended in December 2022, consumers using diesel generator sets have been mandated to shift to cleaner backup solutions, ...

Policy and Regulatory Readiness for Utility-Scale Energy Storage: India

Under existing regulations, stand-alone energy storage facilities are allowed to compete as a grid-connected entity to provide energy through cost-of-service regulation or within India's power exchanges.

Energy Storage Systems (ESS) Policies and Guidelines

Energy Storage Systems (ESS) Policies and Guidelines , MINISTRY OF NEW AND RENEWABLE ENERGY , India Energy Storage Systems (ESS) Policies and Guidelines

Ministry Of Power Updates Electricity Rules To Boost Energy Storage

The new rules recognize its importance and provide the legal and operational space needed for storage to become a mainstream part of India's power sector. The amendments are expected to boost ...

India mandates co-locating energy storage with solar

projects

India 's Ministry of Power has mandated all renewable energy implementing agencies and state utilities must incorporate a minimum of two-hour co-located energy storage systems (ESS),

CERC Energy Storage Reform: India Integrates IESS into Core Power

CERC's new framework integrates energy storage into India's power system as a regulated asset. It has defined technical norms, tariff mechanisms and operational rules.

Flooded with options? The status of pumped storage projects in India

In light of India's larger ambitions to meet a growing portion of its energy requirements from RE sources, storage investments become critical to ensure reliability and cost-optimisation.

Government Notifies Rules to Broaden Energy Storage Ownership ...

The Ministry of Power has notified the Electricity (Amendment) Rules, 2025, introducing changes in the regulatory framework governing the energy storage systems (ESS) usage. In June ...

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