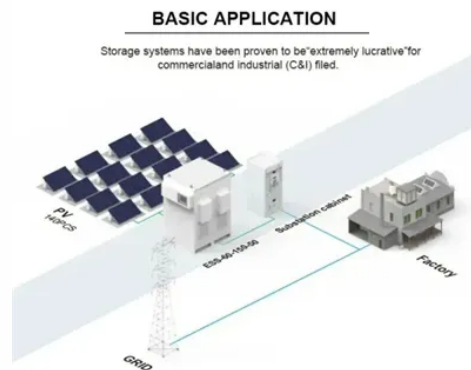


Colombia mobile energy storage project



Overview

As Colombia aims to generate 20% of its electricity from renewables by 2030, Medellín's lithium battery initiative emerges as a game-changer. This project doesn't just store energy—it reshapes how cities manage power grids and integrate solar/wind resources. Utility and independent power producer (IPP) Celestia has deployed a solar co-located lithium iron phosphate (LFP) BESS in Colombia. Let's explore what makes this. Colombia's Energy and Gas Regulatory Commission (CREG) has published a draft resolution establishing technical, commercial, and tariff conditions for battery energy storage systems (BESS) with a minimum capacity of 5 MW. The rules would also set a project guarantee requirement of developers. Colombian company Erco Energy has inaugurated the La Martina project, featuring a 16.9 MWh battery system in Paratebuena. Source: PV Magazine LATAM © 2026 New Energy Events. We pioneered the technology over one decade ago, and today almost half our new projects include a storage component. With 84% of its electricity already coming from hydroelectric plants, Colombia isn't.



Article Content

Colombia moves to jump-start battery storage ...

Proposed new rules seek to provide greater flexibility for developers of renewable energy projects with storage components.

Colombia drafts rules for 5 MW+ batteries

Colombia's Energy and Gas Regulatory Commission (CREG) has published a draft resolution establishing technical, commercial, and tariff conditions for battery energy storage systems ...

Colombia: 2MWh LFP battery storage unit in to go online soon

The AC-coupled BESS comprises a 20-foot shipping container unit with 120 battery packs totalling 2MWh of energy storage capacity with a power rating of 1MW. The LFP cells inside have a ...

Colombia's New Energy Storage Revolution: Powering a Sustainable ...

Colombia's first grid-scale battery energy storage system (BESS) came online in 2023 near Medellín – a 20MW/40MWh behemoth that's essentially a giant Tesla Powerwall for the national ...

Medellín's Lithium Battery Energy Storage Project: Powering Colombia...

As Colombia aims to generate 20% of its electricity from renewables by 2030, Medellín's lithium battery initiative emerges as a game-changer. This project doesn't just store energy—it reshapes how cities ...

Enel unveils Colombia's first battery energy storage system

In January, the government launched a bidding process for Colombia's first grid-scale energy storage project as part of broader efforts to reinforce electricity supply on the Caribbean coast.

Colombia: 290MW coal plant transitioning to solar & battery storage

A 290MW coal plant in Colombia will be entirely converted into a renewable energy site using a combination of solar PV and battery storage.

Colombia Launches First Community Energy Project with Battery Storage ...

Colombia's government has inaugurated Sol de Perijá, the country's first community energy project integrating solar power and advanced battery storage, marking a significant milestone ...

Erco Energy launches large-scale solar and battery storage project in ...

Erco Energy launches large-scale solar and battery storage project in Colombia
Colombian company Erco Energy has inaugurated the La Martina project, featuring a 16.7 MWp solar plant and ...

Energy Storage

AES is the world leader in lithium-ion-based energy storage, both through our business project and joint venture, Fluence. We pioneered the technology over one decade ago, and today almost half our new ...

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