

## PIENAAR ENERGY (PTY) LTD

# Colombia solid-state battery energy storage project

*LiFePO<sub>4</sub> Battery, safety*

*Wide temperature: -20~55°C*

*Modular design, easy to expand*

*The heating function is optional*

*Intelligent BMS*

*Cycle Life: ≥ 6000*

*Warranty: 10 years*



## Overview

---

Search all the ongoing (work-in-progress) battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Colombia with our comprehensive online database. Utility and independent power producer (IPP) Celestia has deployed a solar co-located lithium iron phosphate (LFP) BESS in Colombia. Canadian Solar Energy Colombia SAS ESP offered. The new mechanism introduces technology-specific products, extends commissioning deadlines to 2035, and formally recognises energy storage as a core asset for power system reliability. The revised rules aim to correct past design flaws and attract new players to the Colombian electricity market. As Colombia aims to generate 20% of its electricity from renewables by 2030, Medellín's lithium battery initiative emerges as a game-changer. Let's explore what makes this. With Blackridge Research's Global Project Tracking (GPT) platform, you can identify the right opportunities and grow your pipeline while saving precious time and money doing it. With 84% of its electricity already coming from hydroelectric plants [1], Colombia isn't.

## Colombia solid-state battery energy storage project

---



Standard 20ft containers



Standard 40ft containers

### independent energy storage project in colombia

Located in the city of Barranquilla in northern Colombia, this project will consist of a 45 MWh lithium-ion battery energy storage system and is expected to reach commercial operation by June 2023.

[Get Price](#)

---

### Find Ongoing Battery Energy Storage System (BESS) Projects in ...

Search all the ongoing (work-in-progress) battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Colombia with our comprehensive online database.

[Get Price](#)

---



### Colombia moves to jump-start battery storage projects

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

[Get Price](#)

---



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

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 ...



[Get Price](#)



Standard 20ft containers



Standard 40ft containers

## Canadian Solar Wins 45 MWh Energy Storage Project in Colombia

Located in the city of Barranquilla in northern Colombia, this project will consist of a 45 MWh lithium-ion battery energy storage system and is expected to reach commercial operation by ...

[Get Price](#)

## 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 ...



[Get Price](#)

## Colombia's UPME awards



## 45-MW BESS project to Canadian Solar

Colombia's national mining and energy planning unit UPME last week finalised the tender process for the full delivery of a 45-MW battery energy storage system (BESS), awarding the project ...

[Get Price](#)

---

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

Celsia has deployed the battery energy storage system (BESS) at its 9.9MW Celsia Solar Palmira 2 farm in Valle del Cauca to help increase the generation capacity of the plant, shifting ...



[Get Price](#)



## Colombia puts energy storage at the centre of its new long-term power

The new mechanism introduces technology-specific products, extends commissioning deadlines to 2035, and formally recognises energy storage as a core asset for power system ...

[Get Price](#)

---

**Contact Us**

For catalog requests, pricing, or partnerships, please visit:  
<https://pienaarshof.co.za>

