

**PIENAAR ENERGY (PTY) LTD**

# **Suriname 2025 energy storage project**



## Overview

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Suriname's project attracted three competing bids from major Chinese and European contractors—a first for Caribbean energy tenders. With construction starting in Q3 2025, the project aims to create 800 local jobs while training 200 technicians in battery maintenance. GranMorgu project offshore Suriname. The 2025 ESP is aligned with these new realities. How can the oil and gas industry fit into the development of the energy sector while meeting environmental targets?

1APA Corporation. 2024. Progress is being made, and Suriname launched its Electricity Sector Plan (ESP) 2025–2044 on May 15th, 2025. With global battery storage demand projected to triple by 2030 [1], this \$220 million initiative positions the country as a testbed for scalable renewable solutions in tropical climates. Let's. Technology group Wärtsilä will supply a 7. This is the first utility-scale energy storage system to be built in Suriname and Wärtsilä's first energy. In the past two years alone, Suriname has attracted over \$200 million in renewable energy investments – and Suoying Energy Storage projects are at the heart of this green revolution [1] [4].

## Suriname 2025 energy storage project

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### Overview of the Suriname Electricity Sector Plan (ESP)

The new ESP reflects new drivers of change. The discovery of and plans to extract oil and gas are expected to significantly shift Suriname's context. The 2025 ESP is aligned with these new realities.

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### Suriname battery energy storage technology

10MW of solar PV and a 10MWh battery energy storage system (BESS) to existing onsite equipment will enable the mine to run continuously on renewable energy for up to nine hours.



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### Paramaribo Energy Storage Cell Project: A Milestone for Sustainable

Summary: The recently signed Paramaribo energy storage cell project marks a transformative step toward stabilizing Suriname's renewable energy grid. This article explores its technical framework, ...

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## Suriname solar power: Stunning 5 MW Project Cuts Diesel Use

A key component of the project is a powerful 14 MWh energy storage system, which stores excess solar energy to ensure a stable, 24-hour power supply even when the sun isn't shining.

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## How Suriname's Energy Storage Project Sets a New Standard for ...

With construction starting in Q3 2025, the project aims to create 800 local jobs while training 200 technicians in battery maintenance. It's not just about megawatts; it's about building human capital ...

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## Suriname new energy storage company

Technology group Wärtsilä will supply a 7.8MWh energy storage system to 'a leading gold mining company' to help achieve its climate targets and decarbonisation goals at a mine in Suriname.

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## Suriname's Energy Sector: Aligning Transition with Equity and

This energy mix highlights both opportunity and urgency: while Suriname benefits from abundant natural resources, it remains significantly reliant on fossil fuels and centralized systems.

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## Suriname energy storage project 2025

"We remain on track with our energy storage growth targets, with plans to bring online two additional assets in 2023 and make further progress towards achieving between 500 to 530MW and over ...



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## Huawei Suriname Energy Storage Power Station Project

The second phase of the contracted Suriname village micro-grid photovoltaic project includes: the design, procurement and construction of 5 centralized micro-grid photovoltaic power stations

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## Suoying Energy Storage in Suriname: Powering the Future with ...

As Suriname's Energy Minister joked at last month's conference: "We're not just storing electrons - we're banking sunlight for a rainy day." With projects like Suoying Energy Storage leading ...

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