

## SolarTech Power Solutions

# Panama new energy storage quantity



## Overview

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Panama has launched a 500MW tender auction for renewables and energy storage, the first in Central America to include storage. What is energy infrastructure development in Panama?

1. INTRODUCTION Energy infrastructure development in Panama, as in the rest of Latin America, was conceived under assumptions of climate stability, anticipating minimal or even no changes in climate behaviour over the long term.

How many natural gas terminals are there in Panama?

Panama has ten terminals providing hydrocarbon supply, storage and transfer services, in addition to a liquefied natural gas storage and supply terminal (AES Colón). Six of these terminals are located on the Atlantic side, between the provinces of Colón and Chiriquí Grande.

When will a 500MW energy storage application be released?

Publication for the application will be released in February of this year. Panama has launched a 500MW tender auction for renewables and energy storage, the first in Central America to include storage.

How much solar energy will be compromised in Panama in 2022?

The energy volumes compromised under this scenario would be equivalent to 8% of the gross generation recorded for solar PV power plants in Panama in 2022 (160.15 GWh). As for the SSP5-8.5 scenario, it is projected that by 2050, the compromised solar PV generation capacity will be 8.7 MW, and by 2070, it is expected to increase to 11.1 MW.

How many power plants will Panama have in 2034?

Panama has projected the introduction of 99 new power plants for the period 2020-2034. These plants will be integrated into the SIN and 67% of them will be solar, 16% wind, 15% hydro and 2% licensed thermoelectric power. In

total, the new infrastructure is estimated to add an additional installed capacity of 3 686 MW.

How many solar power plants are in Panama by 2022?

Meanwhile, the compromised energy volumes are estimated at 15.17 GWh/year and 19.41 GWh/year, respectively. These low compromised power volumes represent between 9% and 12% of the gross generation registered for solar PV power plants in Panama by 2022 (160.15 GWh).

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