

## Kongres Container

# How much is the investment in power supply for Ecuadorian communication base stations



## Overview

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\*Ecuador's energy & mining ministry has announced that President Daniel Noboa's government will invest US\$516m in electricity distribution infrastructure and public lighting. The works will be partially funded by the Inter-American Development Bank (IDB) and the Japan International Cooperation.

Learn about the market conditions, opportunities, regulations, and business conditions in Ecuador, prepared by at U.S. Embassies worldwide by Commerce Department, State Department and other U.S. agencies' professionals Ecuador provides significant business opportunities in electricity generation.

The project under the EU Global Gateway initiative, co-financed by the Inter-American Development Bank with an additional \$125 million loan, will help to increase security of supply, improve the efficiency of power generation, and support the integration of a greater share of renewable energy. EIB.

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For base stations located in deserts or other extreme environments,

independent power supply is essential, as these areas are not only beyond the reach of power grids but also unsuitable for fuel generators due to the lack of on-site personnel for maintenance. In such cases, energy storage systems. How much money will Ecuador invest in the power interconnection system?

Alongside our partners, fellow EU institutions and EU Member States, we aim to support investment of €100 billion, around one-third of the overall target of the initiative, by the end of 2027. Investment loan to part-finance the Ecuadorian side of the Power Interconnection System between Ecuador and Peru in 500kV.

Who is responsible for electricity transmission in Ecuador?

The project will be implemented by Empresa Pública Estratégica Corporación Eléctrica del Ecuador, the Ecuadorian state-owned energy company responsible for the generation, transmission and distribution of electricity in Ecuador, increasing Ecuador and Peru's electricity transmission capacity.

How will the new electricity interconnection between Ecuador and Peru work?

The new electricity interconnection between Ecuador and Peru will improve security of supply and enable the two countries to trade electricity, which will reduce generation costs.

How will a 500 kV electricity interconnection benefit Ecuador & Peru?

Chief Executive Officer of Empresa Pública Estratégica Corporación Eléctrica del Ecuador Paúl Urgilés said: "The 500 kV electricity interconnection between Ecuador and Peru will enable efficient and secure electricity trade between the two countries thanks to their interconnected hydrological systems.

How will a power interconnection benefit Ecuador & Peru?

The power interconnection will improve power supply security in Ecuador and Peru and optimise market cost structures, while fostering regional power trade. Part of the EU-Latin America and the Caribbean Global Gateway Investment Agenda, the project will help to improve energy efficiency and energy savings in the region.

How much electricity does Ecuador need?

Ecuador had a peak demand of 5,110 MW in May 2025, and according to CENACE, electricity demand grows by 360 MW every year. Ecuador's energy

shortage could result in a recurrence of power outages, particularly in the dry season of September through December. Ecuador has added minimal generation in recent years.

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