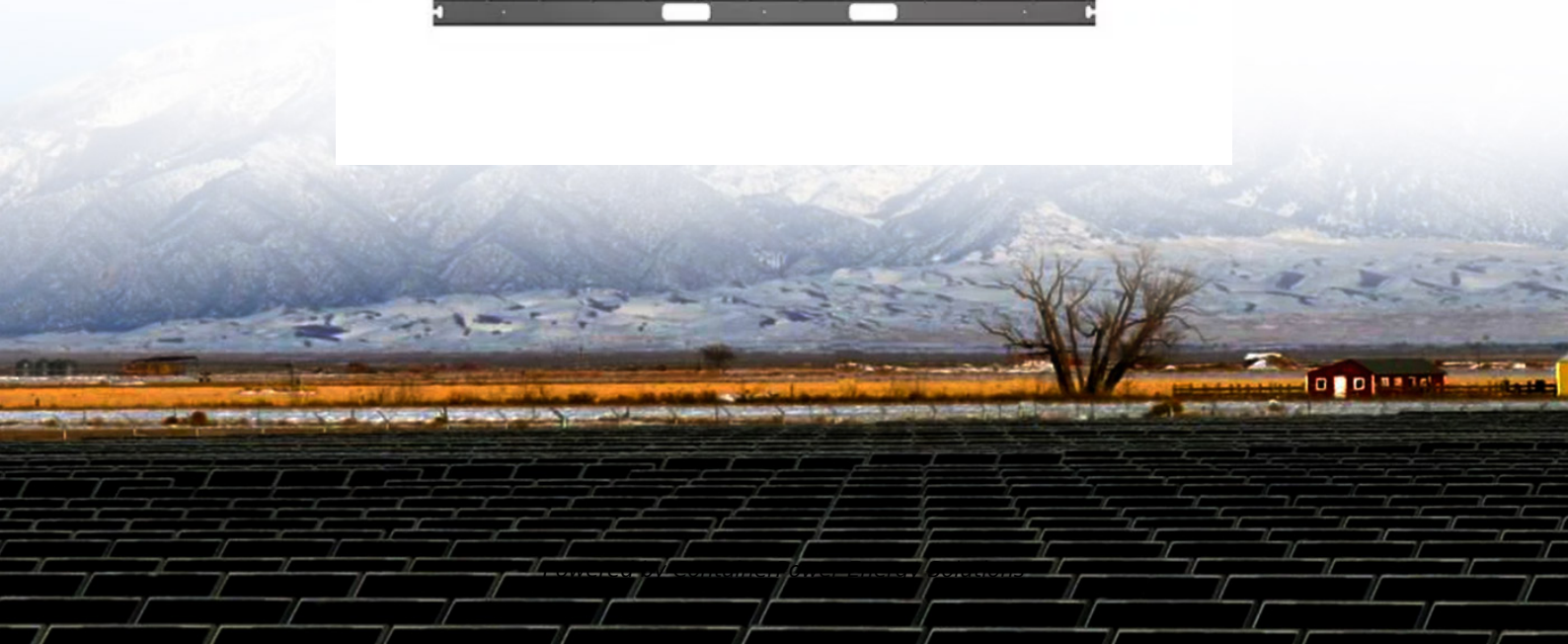


ContainerPower Energy Solutions

Base station energy management system installed on rooftop in Costa Rica



Overview

What does BMR do in Costa Rica?

In Costa Rica, BMR is employing a team of local engineers, project managers, and construction contractors to construct and maintain the facility. The BMR team hopes to continue investing in Costa Rica's sustainable future. Context Costa Rica is known for its commitment to renewable energy and has operated on 98 percent renewable energy since 2014.

How many kW can a power plant produce in Costa Rica?

The power generation plants in Costa Rica can jointly produce 3.5 million kW. This is the average composition of the Costa Rican matrix: The Energy Matrix is the total percentage of all natural resources from which energy is derived and then transformed into electricity to supply households, business and industries.

Which geothermal plant produces 100% of the energy in Costa Rica?

ICE produces 100% of the geothermal energy in the country. Las Pailas II Geothermal Plant. Biomass energy comes from organic waste; it can be agricultural or domestic. In Costa Rica, the main resource is the sugar cane bagasse generated by the cane refineries in Guanacaste.

How much power does Reventazón provide in Costa Rica?

Reventazón Hydropower Plant in Siquirres with a generation capacity of 305.5 MW; this plant can supply power for 525,000 Costa Rican households. ICE provides power service for 94.4% of households, businesses, and industries in the country. This numbers are huge if we compare them with the average 14% percent coverage in 1949.

Where is sugarcane biomass located in Costa Rica?

The biomass (from sugarcane waste) is located at the northwest part of Costa Rica and is bounded to sugar refineries. This grid covers 99.4% of the country,

the second with the highest penetration in Latin America.

Where are the wind plants located in Costa Rica?

The wind plants (the ones managed by ICE and by the private sector) are located on the mountaintops of Guanacaste and Zona de Los Santos. The biomass (from sugarcane waste) is located at the northwest part of Costa Rica and is bounded to sugar refineries.

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