

SolarInnovate Energy Solutions

Bangkok Base Station Site Distributed Generation



Overview

What are the advantages of North Bangkok power plant?

The advantage of North Bangkok Power Plant is its good location being situated near the center of electricity demand which helps save the investment of constructing the transmission system, reduce the power loss in the distribution system, and decrease the problem of power outage or blackout.

When was North Bangkok power plant built?

The construction was completed in 1962. Situated on the bank of the Chao Phraya River northward of Bangkok, the power plant can support the demand for electricity in the Bangkok and Metropolitan area sufficiently. North Bangkok Power Plant is regarded as the “Master Plant” which was the beginning of modern power development at that time.

How is Thailand's power generation industry structured?

Thailand's power generation industry is structured in line with the enhanced single-buyer model with state bodies being the sole buyers and distributors of power through the national grid.

Which energy sources are used in Thailand?

In terms of fuel consumption for electricity generation in 2016, natural gas had the highest share in Thailand's generated power of about 63.5%, followed by lignite and import coal (22.3%), renewable energy comprising all types of renewable energy and hydropower from both neighbouring countries and domestic hydropower (13.7%), and others (0.5%).

How can Thailand increase the production of biomass power?

The policies of the Ministry of Agriculture and Cooperatives (Thailand) to increase the plantation area of sugar cane and palm, as well as to raise productivity of cassava from 3.5 to 7 tons per Rai (or 0.4 Acre) per year, could

provide feedstock for biomass power generation up to the capacity of 1,500 MW.

Who regulates the wholesale electricity market in Thailand?

However, the wholesale electricity market in Thailand is regulated by the government and related organisations such as the Department of Alternative Energy Development and Efficiency, Energy Policy and Planning Office (EPPO), and the Ministry of Energy, Energy Regulatory Commission.

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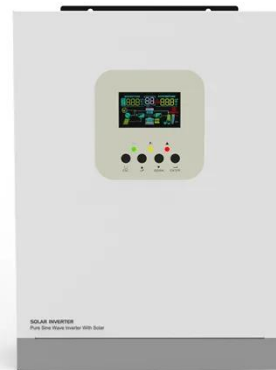
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