

Thailand electricity market



Overview

By power source, thermal generation held 75.25% of demand in 2025; the C&I segment is projected to expand at a 4. Installed thermal capacity, dominated by natural-gas plants, accounted for 75. The shift towards cleaner, sustainable energy sources such as solar, wind, and hydropower is expected to accelerate, leading to a gradual decline in the reliance on fossil fuels despite their continued significance, particularly in fo wed by coal and lignite. The total. - Thailand's Energy & Climate Policy Framework: Thailand aims for 30% GHG reduction by 2030 and carbon neutrality by 2050, with 68% renewables in its electricity mix by 2040. The Ministry of Energy oversees policy, supported by the Energy Regulatory Commission. As one of Southeast Asia's largest economies, Thailand has prioritized the. Statista+ offers additional, data-driven services, tailored to your specific needs. 4 petajoule, reflecting a 5% decrease compared to the previous month.

Thailand electricity market



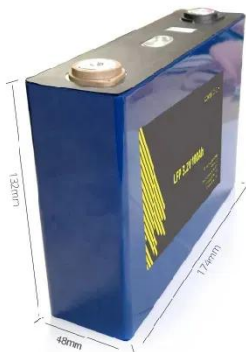
 LFP 12V 100Ah

Energy sector in Thailand

Thailand's energy sector significantly contributes to the country's economy thanks to its natural resources for primary energy and high production capacity for final energy. Energy production

THAILAND INDUSTRY REPORT

Thailand currently generates 20% of its total electricity from clean energy, establishing itself as a regional leader, ranking first in ASEAN and 45th globally in clean energy advancement according to ...



Thailand Power Market Trends and Analysis by ...

This report discusses the power market structure of Thailand and provides historical and forecast numbers for capacity, generation, and ...

Thailand Solar Energy Market Size, Share, Report 2031

The Thailand solar energy market size for photovoltaic technology reached 5.20 GW in 2025 and is expected to reach 7.71 GW by 2031, maintaining a significant share, as concentrated ...



215kWh

8,000+ Cycles Lifetime

IP54 Protection Degree



Thailand Data Center Power Market Size, Share, Trends & Industry

Thailand's regulatory clarity and geopolitical neutrality underpin steady inflows of hyperscale capital, keeping the Thailand data center power market on a faster trajectory than ...

Power Market Size, Share & Industry Trends, 2031

Note: Market size and forecast figures in this report are generated using Mordor Intelligence's proprietary estimation framework, updated with the latest available data and insights as ...



Thailand Energy & Power Research Reports and Market Analysis

157 comprehensive market analysis studies and research reports on the Thailand Energy & Power sector, offering an overview with historical data since

2019 and forecasts up to 2030.



2MW / 5MWh
Customizable

Electricity Market Analysis in Thailand , Intratec

Access monthly strategic analysis of Thailand's energy markets. Explore data on production, demand, imports, exports, and energy self-sufficiency for Electricity and key energy ...



Thai Power Market

The Thailand Power Market Report is Segmented by Power Source (Thermal, Nuclear, and Renewables) and End-User (Utilities, Commercial and Industrial, and Residential).



Thailand Electricity Market Intelligence Quarterly , The Lantau Group

With analysis of tariff pricing alongside wholesale and retail electricity price forecasting, this quarterly update

provides the insights needed to support procurement, investments, valuation, budgeting, and ...



Power EPC Market in Thailand

The Thailand power generation EPC market share held by renewables should rise steadily once offshore wind breaks ground, yet local foundation expertise and supply-chain gaps ...

Thailand Energy Information

Thailand Total Energy Consumption
 Thailand Crude Oil Production
 Thailand Renewable in % Electricity Production
 Thailand CO2 Fuel Combustion/Co2 Emissions
 Per capita energy consumption stood at 1.8 toe in 2022, while per capita electricity consumption was 2 740 kWh. Total energy consumption has been decreasing by 2%/year since 2019, reaching 128 Mtoe in 2022. Previously, it had increased by 1.8%/year as from 2010. Oil covers 46% of the country's needs, natural gas 23%, biomass 17%, and coal ...See more on enerdata markwideresearch



Thailand Power Market - Size, Share, Trends, Analysis ...

The Thailand power market is undergoing a transformative phase, driven by renewable energy adoption, grid modernization, and infrastructure development. ...



Ashu Research

In Thailand, both electricity generation and consumption are on an expansion trend. Natural gas is the largest fuel for power generation, accounting for approximately 50% of the power ...

Analyse de la taille et de la part du marché de l'énergie en Thaïlande

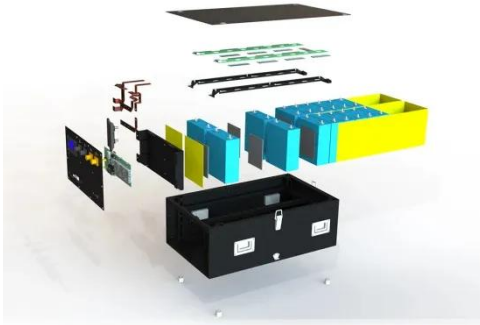
Siemens Gamesa Renewable Energy SA, JinkoSolar Holding Co., Ltd., General Electric Company, BCPG PCL, Electricity Generation Authority of Thailand sont les principales entreprises ...



Thailand Power Companies

This report lists the top Thailand Power companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted

extensive research and identified these brands to be ...



Electricity market restructuring in Thailand: Challenges and emerging

Thailand is transitioning from a monopolistic electricity sector toward a more competitive market to improve efficiency, ensure fair cost allocation, and support national greenhouse gas reduction targets.



Thailand Power Transmission and Distribution Research

9 comprehensive market analysis studies and research reports on the Thailand Power Transmission and Distribution sector, offering an overview with historical data since 2019 and forecasts up to 2030.

Thailand Wind Energy Market Size & Share Analysis, 2031

The Thailand Wind Energy Market size worth 1.71 gigawatt in 2026 is growing

at a CAGR of 6.82% to reach 2.37 gigawatt by 2031. Energy Absolute PCL, Electricity Generating PCL, Wind ...



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