

SolarTech Power Solutions

Acceptance of new energy site in Bangkok



Overview

The most challenging aspects for the introduction of nuclear energy in Thailand are public acceptance and political instability, but plans are progressing for the Southeast Asian nation to deploy its first units in the late 2030s, according to analysis in the US-based *The National Law Review*. Will Newsky energy Thailand build a new waste-to-energy power plant in Bangkok?

The Metropolitan Energy Authority (MEA) is looking into co-investment opportunities with private firm Newsky Energy Thailand for the construction of two new waste-to-energy power plants in Bangkok, promoting the expansion of alternative energy in the metropolitan area along with environmental protection.

What is the MEA doing with Newsky energy Thailand?

The MEA has signed a Memorandum of Understanding with private firm Newsky Energy Thailand on co-investment arrangements for waste-to-energy power plants in the Nong Khaem and On Nut districts of Bangkok, a project costing about 10 billion baht.

When will Newsky energy (Thailand) come online?

The construction of these projects is expected to commence later this year, and come online in the electricity grid in 2024. According to the Department of Business Development, Newsky Energy (Thailand) Company Limited is currently registered as an electric power generation and transmission company in Thailand.

Could nuclear energy play a stabilizing role in Thailand's energy sector?

If public acceptance and safety frameworks can be secured, nuclear energy could play a stabilizing role in the evolving Thailand energy sector. In June 2024, Thailand took a step toward energy market liberalization with the launch of a clean energy trading pilot.

Why is Thailand transforming the energy sector?

The Thailand energy sector stands at a pivotal moment in its development, propelled by a convergence of political will, private sector innovation, and international cooperation. The country is not merely adapting to the energy transition—it is helping to define it for the ASEAN region.

Which energy sources are used in Thailand in 2022?

By 2022, renewable energy sources made up 18.3% of total energy generated in Thailand, a trend of 169% compared to the year 2000. Hydropower leads the way in renewable energy generation, followed by solar photovoltaics, biomass, wind, and biogas.

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The influence of social innovation on biomass-based ...

Abstract This research studied a social innovation model to generate energy for community biomass power plants in the Chana district special economic zone (SEZ) region, Songkhla ...

Factors affecting intention to use residential solar ...

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Design, Evaluation, and Acceptance of Advanced Energy

Jan 17, 2024 · The electricity demand for cooling in the future is projected to increase substantially in humid, tropical Southeast Asia, and the subsequent increased greenhouse gas emissions ...

Exploring public perceptions of benefits and risks, trust, and

Apr 1, 2019 · In addition, this study aims to gauge the public's level of acceptance for nuclear energy in Thailand and Vietnam. Theoretically, the results obtained from this study may ...



Grid interconnectivity critical to energy transition

Nov 8, 2024 · The Asean region stands at a crossroads in its energy journey. Amid growing demand from industry, rising carbon emissions from fossil fuel reliance, and the pressing need ...

Basic Conditions for Building Construction in Thailand

Jan 14, 2023 · 1. Zoning and Town Plan Land utilization in Thailand is governed by Ministerial Regulations issued under the Town Planning Act B.E. 2518 (1975) for each area (e.g. the ...





National Survey Report of PV Power Applications in ...

Sep 23, 2022 · In addition, the target of new solar PV power plant capacity target in 2037 was set at 8 740 MW, plus additional 550 MW capacity target of solar PV hybrid with other renewable ...

Exploring public perceptions of benefits and risks, trust, and

Apr 1, 2019 · Exploring public perceptions of benefits and risks, trust, and acceptance of nuclear energy in Thailand and Vietnam: A qualitative approach



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Households' Willingness to Pay for Renewable ...

Nov 15, 2023 · In addition, there were few studies on RE receivers in Thailand. To reach sustainable growth and increase the empirical study, this research aims ...



Thailand's Largest Domestic Waste Incineration Power Generation Project

Feb 26, 2024 · With the firecrackers of the Year of Loong, the New Sky Energy (Thailand) Bangkok City Nongkhaem Phase II project and Onnut project, ...



Bangkok's Waste-to-Energy Plant Progresses, 2026 ...

Jan 30, 2025 · The project is part of Bangkok's plan to develop waste management solutions by converting waste into energy, thereby reducing landfill dependency. The initiative adopts a ...

Exploring public perceptions of benefits and risks, trust, and

Apr 1, 2019 · Request PDF , Exploring public perceptions of benefits and risks, trust, and acceptance of nuclear energy in Thailand and Vietnam: A qualitative approach , ...



Thailand Prepares for Nuclear Power as Clean

Energy Plan ...

Jan 14, 2025 · Thailand is taking steps to prepare for the adoption of nuclear power technology as part of its Power Development Plan (PDP) for 2024-2037. The plan, which includes the ...



Renewable Energy Engineering in Bangkok: Best universities ...

Mar 2, 2025 · Below is the list of 8 best universities for Renewable Energy Engineering in Bangkok ranked based on their research performance: a graph of 67.2K citations received by ...



Construction in Thailand: Procedures and Building Regulations

Jun 7, 2024 · Construction in Thailand requires adherence to various regulations and guidelines to ensure safety, sustainability, and proper land utilization. This article outlines the basic ...

Wind Turbine and Local

Acceptance in Southern Thailand

Oct 1, 2017 · Wind power has been promoted as a clean energy. However, debate is ongoing with local residents who are not informed about what is occurring in their areas. Local acceptance ...



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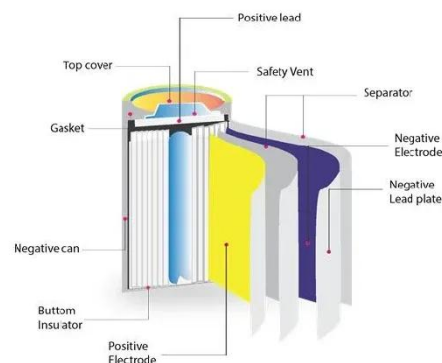


Analyzing local perceptions toward the new nuclear research ...

Dec 1, 2020 · Abstract Understanding public perception on nuclear research reactor is necessary for the policy maker to adopt such technology in Thailand, especially the locals who live in the ...

MEA to construct waste-to-energy plants in Bangkok

Mar 22, 2021 · BANGKOK (NNT) - The Metropolitan Energy Authority (MEA) is looking into co-investment opportunities with private firm Newsky Energy Thailand for the construction of two ...



Scaling Up Solar PV: A Roadmap for Thailand



Aug 21, 2015 · 1.1 About Thailand's Solar PV Roadmap Initiative (TSPR)
Thailand's Solar PV Roadmap Initiative (TSPR) was funded by British Embassy's South East Asia Prosperity Fund. ...

Prioritized challenges of energy transition in Thailand's ...

Dec 27, 2023 · The concept of energy transition has been widely adopted by national governments, international and regional organizations. In Thailand, energy transition means ...



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Dec 10, 2023 · COVID-19 threatens human life and health, and affects travel frequency and travel mode choice. Clarifying the main drivers of the purchase intention of new energy vehicles ...

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