

Who regulates electricity in Vietnam?

The Directorate General of Electricity and Renewable Energy (EREA), under the MOIT, is responsible for overall energy planning and policy. The Electricity Regulatory Authority of Vietnam (ERAV), which is responsible for establishing and supervising the power market, power planning, tariff regulation and licensing.

Why does Vietnam maintain a monopoly of electricity transmission grids?

The Vietnamese Government maintains its monopoly of electricity transmission grids to ensure the national energy security. Vietnam's existing energy infrastructure is inadequate with weak grid capacity, which obstructs the integration of new capacity, particularly from renewable energy projects.

What are distributed energy resources (DER)?

While large-scale infrastructure plays a central role, Distributed Energy Resources (DER) decentralized energy technologies that are located close to the point of consumption offer practical and scalable solutions to bridge the gap between growing energy demand and decarbonisation goals. Some DERs in Southeast Asia typically include:

How will Vietnam's power consumption impact its energy security?

According to Institute of Energy of Vietnam (IEV), Vietnam is set to face a surge in power demand and consumption over the coming decade, which will have an impact on its energy security. The Government of Vietnam expects power consumption to grow 10-12 % annually through 2030, one of the fastest power consumption growth rates in Asia.

Why Vientiane Can't Afford Delayed Energy Transition You know, Vientiane's electricity demand grew 12% annually since 2020 - that's twice Southeast Asia's average. With hydropower providing 80% of ...

This week, Future of Electricity Vietnam (FE-V) launches its latest brief on Vietnam's energy transition: Harnessing the power of distributed energy ...

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Overview Industry Structure Electric power represents one of the most promising areas for U.S. commercial prospects in Vietnam, but also the most challenging. Vietnam Electricity (EVN), ...

This approach also aligns with energy access goals, ensuring more communities benefit from clean and reliable electricity. Looking ahead Distributed Energy Resources will not replace large-scale ...

Can mobile energy storage systems improve resilience of distribution systems? According to the motivation in Section 1.1, the mobile energy storage system as an important flexible resource, ...

Funding mobilised GEAPP's goal in Vietnam is to support the country's equitable energy transition,

providing technical assistance and catalytic financing so it can leapfrog fossil fuel ...

The national power grid faced high distribution losses (an average loss of 13 percent in 2014 with areas in Vientiane districts reaching more than 24 percent), affordability challenges for end ...

A science to policy program of AUS-VN cooperation Future of Electricity - Vietnam (FE-V) is a science-to-policy program comprised of technical studies, study tours & policy dialogues to ...

a. The implementation of newly constructed transmission grid projects and additional investment works to improve the grid's capacity and operational control. b. Establishing synchronous ...

With respect to final energy consumption by sector, like other Southeast Asian countries, the four main energy-using sectors in the Lao PDR are industry, transport, others, and non-energy. "Others" covers ...

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