

# **Hanoi LTE emergency solar container communication station wind and solar complementarity**





## Overview

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Can solar and wind power meet Vietnam's near-term energy needs?

Contrastingly, solar and wind power's lower capital requirements and faster development timelines are well-suited to meeting Vietnam's near-term energy needs. These projects can be implemented within months and with high certainty, unlike gas projects, which typically take four to five years to complete once financed.

Can Vietnam adopt solar and wind power for other countries?

To our knowledge, this is the first paper to investigate policy lessons from Vietnam's initial success in adopting solar and wind power for other countries in the ASEAN region. The paper finds that generous feed-in tariffs and income tax and land lease payment exemptions have been key drivers for Vietnam's solar and wind development success.

How much does a solar LCOE cost in Vietnam?

Vietnam's average LCOEs for solar and onshore wind were US\$87/MWh and US\$92/MWh respectively as of 2018 (Lee et al., 2020). These are lower than for other ASEAN countries other than that the solar LCOEs of Vietnam and Thailand were similar.

How has Vietnam benefited from solar & wind power development?

Vietnam has orchestrated the first stage of its solar and wind power development using FITs and a supportive overall investment environment. Government incentives and enabling policies that have boosted energy availability while avoiding upward pressure on electricity prices have gained public support.



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### Review of mapping analysis and complementarity between solar and wind

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### Vietnam's solar and wind power success: Policy implications for the

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