

# **How much does it cost to customize Hanoi outdoor wind power base station**





## Overview

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How much does wind power cost in Vietnam?

The median technology cost among the 132 onshore wind power projects started in Vietnam around 2018-2019 was 1695 USD/kW of generation capacity. The median for 54 nearshore projects was 2011 USD/kWh. These cost estimates are in line with previously published results.

How much investment is needed for wind power projects in Vietnam?

The median investment for nearshore wind power projects in Vietnam is 2011 USD/kW. Nearshore wind power requires 20 % (IQR 0 %-45 %) more investment than onshore. Technology analysts often dichotomize wind power projects as onshore vs offshore. They neglect nearshore projects installed in the intertidal flats.

Are there wind power projects in Vietnam?

We observe a quasi-cross-sectional sample of wind power projects in Vietnam. Fifty-four projects are neither onshore nor offshore but nearshore in shallow waters. The median investment for onshore wind power projects in Vietnam is 1695/kW. The median investment for nearshore wind power projects in Vietnam is 2011 USD/kW.

How will Vietnam's fit affect onshore wind projects?

Furthermore, it is expected to decrease the internal rates of return for developers of onshore wind projects from 18-22% under the previous FIT to 8.2-11% under the bidding mechanism. In the past, Vietnam has been successful in attracting clean energy investments.



## How much does it cost to customize Hanoi outdoor wind power base



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In Vietnam, the main laws governing wind power development are the Investment Law, the Construction Law, the Land law, and the Law on Environmental protection. There are several indirect support mechanisms ...

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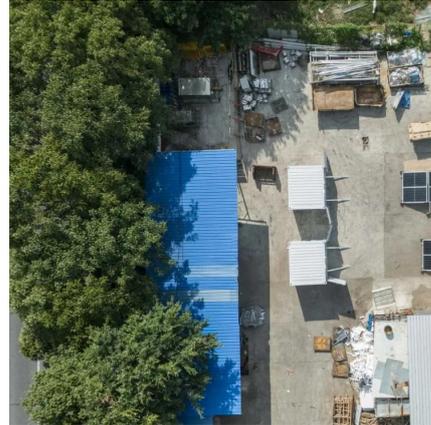
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[Technology costs for the first wave of wind farms in Vietnam:](#)  
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### Vietnam Wind Energy Guide

Vietnam's onshore, nearshore and offshore wind power potential is particularly significant, and is attracting diverse global interest, including recent characterization by the ...

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### 1MW Wind Power Investment in Vietnam: Costs and...

Investment costs for a 1MW wind power project in Vietnam are mainly allocated to wind turbines and infrastructure, with an attractive FIT price support mechanism.

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