

# 1 megawatt wind turbine cost



## Overview

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Typical installed price for a 1 MW wind turbine is in the \$1.0 million range per megawatt. This includes equipment, installation, permitting, and interconnection. For budgeting, use a per kW basis of about \$1,200 to \$2,000 per kW, depending on site. Buyers typically pay a wide range for a 1 MW wind turbine project, driven by turbine costs, installation, interconnection, and permitting. Assumptions: region, specs, labor hours. Typical. Dramatic Cost Range: Wind turbine costs span from \$700 for small residential units to over \$20 million for offshore turbines, with total project costs varying from \$10,000 to \$4,000+ per kW installed depending on scale and location. How Much Does The Average Wind Turbine Cost?

The cost of a wind turbine varies. The 13th annual Cost of Wind Energy Review uses representative utility-scale and distributed wind energy projects to estimate the levelized cost of energy (LCOE) for land-based and offshore wind power plants in the United States.

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### Wind Turbine Cost: Worth The Million-Dollar Price In 2022?

The typical wind turbine is 2-3 MW in power, so most turbines cost in the \$2-4 million dollar range. Operation and maintenance runs an additional \$42,000-\$48,000 per year according to ...

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### How Much Do Wind Turbines Cost? (2026) , Today's Homeowner

On average, wind turbines cost about \$1 million per MW, or around \$2 million to \$4 million each. Larger offshore wind turbines can cost tens of millions of dollars.



### Cost of Wind Energy Review: 2024 Edition

These two reference projects give a single-variable sensitivity range of \$76-\$234/MWh (see Slides 46 and 47). This range is primarily caused by the large variation in CapEx (\$3,000-\$9,187/kW) and ...

## Cost Analysis: How Much Do Commercial Wind Turbines Really Cost?

How much do commercial wind turbines cost? A utility-scale wind turbine costs between \$1.3 million to \$2.2 million per MW of installed nameplate capacity. Most commercial-scale turbines ...

### ESS



## How Much Do Wind Turbines Cost? (Calculations + Efficiency)

Average commercial wind turbines with a 2MW capacity would cost between \$2,6 million to \$4million or around \$1,3 million per MW. Small domestic turbines would cost between \$3000 -\$8000 per kilowatt ...

## Commercial Wind Turbine Cost - \$1 Million Cost Breakdown

Price per megawatt for a commercial wind turbine typically falls between \$1.3 million and \$2.2 million. Factors such as size, location, manufacturer, and project scale impact this range ...



## Wind Turbine Cost: Worth The Million-Dollar Price In 2022?



How much do commercial wind turbines cost? A utility-scale wind turbine costs between \$1.3 million to \$2.2 million per MW of installed nameplate ...

### Wind Turbine Cost Guide 2025: Complete Pricing Breakdown (\$700 ...

Wind turbine prices range dramatically from \$700 for small residential units to over \$20 million for the largest offshore turbines, with total project costs varying significantly based on size, ...



### How Much Does A Wind Turbine Cost?

According to HomeGuide, the average cost for a commercial wind turbine ranges from \$2.5 million to \$4 million, with prices typically around \$1 to \$1.25 million per megawatt.

### How Much Does a 1 Megawatt Wind Turbine Cost? Breaking Down ...

When it comes to wind turbine pricing, there's more nuance than a politician avoiding a direct question. A 1MW wind turbine typically ranges between \$800,000 to \$1.5 million USD for the turbine itself - ...



## 1 MW Wind Turbine Price and Cost Guide 2026

Typical installed price for a 1 MW wind turbine is in the \$1.2 million to \$2.0 million range per megawatt. This includes equipment, installation, permitting, and interconnection.

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