



Wind turbine cost estimator

How much does a commercial 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. Onshore turbines generally have capacities between 2 to 4 megawatts, while larger offshore turbines can cost significantly more, often exceeding \$100 million.

What is a wind turbine calculator?

This wind turbine calculator is a comprehensive tool for determining the power output, revenue, and torque of either a horizontal-axis (HAWT) or vertical-axis wind turbine (VAWT). You only need to input a few basic parameters to check the efficiency of your turbine and how much it can earn you.

Are wind turbines expensive?

Wind turbines, whether for industrial or domestic application, are expensive upfront, but the capital expenditure on a wind turbine must be viewed as a medium to long-term investment and not a short-term one. Aside from the upfront costs, wind turbines also have other costs like maintenance which can add to the operational costs over time.

Why should you use a wind turbine power calculator?

Using a wind turbine power calculator allows you to make informed decisions about wind energy investments. Whether you're planning a small residential system or a large commercial wind farm, this wind turbine power calculator helps you understand the potential energy production and financial returns.

By using the Wind Turbine Calculator, you can evaluate the feasibility, performance, and financial aspects of installing a wind turbine to meet your energy needs efficiently.

This page contains information about wind farm costs (both as lifetime costs and a detailed cost breakdown) and about levelised cost of energy. The pie chart shows the contribution of each major ...

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Use our free online tool to determine the energy production potential of your wind turbine.

Aside from the turbine's cost, even for smaller wind turbines, the installation cost can be high compared to other renewable energy sources. Several factors influence the cost of installation.

Comprehensive wind turbine cost analysis for 2025. From residential (\$10K-\$175K) to commercial (\$2.6M-\$4M) turbines. Includes installation, maintenance, and ROI data.

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Estimate your wind turbine's annual energy production, cost savings, and environmental impact. Learn how wind energy can advance ecological sustainability. Wind turbines convert kinetic ...

On WeatherGuard Wind, it's noted that commercial wind turbines typically cost between \$2.6 million and \$4 million each, with an average cost of about \$1.3 million per megawatt. The ...

Understanding how much do commercial wind turbines cost is critical for investors, regulators, and environmentalists alike. This cost analysis examines the numerous aspects ...

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