



## 2mw wind turbine cost

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GE Vernova's reliable 2 MW platform of onshore wind turbines has over 20 GW installed and in operation today, featuring a best-in-class capacity factor and a significant improvement in Annual Energy Production (AEP) within the 2 MW wind turbine range.

The 2 MW onshore wind turbine demonstrates the next step in wind turbine technology and efficiency, reducing the cost of energy for customers with low and medium wind speed sites. GE Vernova offers 116-meter (50,60 Hz), 127-meter (60 Hz) and 132-meter (50 Hz) rotor options with nameplate ratings between 2.5-2.8 MW.

### Drivetrain and electrical system architecture

### Improved business outcomes through digital

The 2 MW onshore platform drivetrain and electrical system architecture provide improved performance along with greater wind turbine energy production. Other critical components have been scaled from existing platforms to meet the specific technical requirements of this evolutionary turbine.

GE's 2 MW platform wind turbines come equipped and ready to utilize GE's Edge core applications, including its Asset Performance Management (APM), Cybersecurity, and Business Optimization (BO) solutions. The digital suite of apps enables improved business outcomes, including lifecycle extension of customers' windfarms and the improvement of overall farm economics

GE's 2 MW turbine platform has a proven record of providing excellent reliability and 98+% availability for our customers, with more than 20 GW installed and operating today.

Watch a time-lapse of an installation of a 2 MW wind turbine.

We offer tiered levels of service offerings ranging from remote monitoring to fully maintaining your plant, as well as a wide range of performance-enhancing upgrades to keep your turbines running smoothly.

Repower breathes new life into existing fleets so customers can continue capturing reliable, affordable wind energy.

The project, which uses the 2 MW wind turbine platform, will eventually generate enough electricity to power 60,000 homes.

See how GE Vernova is working with Kennedy Renewables to produce enough energy to power more than



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14,000 homes in Scotland.

Contact us for free full report

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