



## Ge 2 5 120 turbine

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The 2.5-120 is GE's first Brilliant wind turbine with energy storage, advanced controls, and forecasting algorithms. The turbine can analyze and transmit thousands of data points a second to drive higher wind farm output. The company says it is the world's most efficient high-output and the first brilliant wind turbine. The turbine is the first to bring together world-class efficiency and power output at low wind speed sites, capturing a 25% increase in efficiency and a 15% increase in power output compared to GE's current model.

The turbine's high efficiency and high output unlock higher returns for wind farm operators at low wind speed sites. Advanced controls let its 120-m rotor capture more energy and generate more power output in low-wind areas. The taller tower, which has a maximum hub height of 139 meters, makes it ideal for heavily forested regions in places such as Europe and Canada.

Over the past year, GE has successfully demonstrated the integration of wind power and energy storage at its facility in California, delivering predictable power to the grid. The first prototype of the 2.5-120 will be installed in the Netherlands next month.

The turbine also minimizes sound emissions to meet the strictest noise requirements through advanced controls technology. In addition, the new wind turbine is optimized for IEC Wind Class III and DIBT WZ2 standards. The 2.5-120 is available for 50 and 60 Hz applications.

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Wow I could really use one of these to power my house&#8230;&#8230;I was wanting to know how much one would cost?Can you come over and put one in my back yard and just give me just some of the power to run my house and you could have the rest I have the wind but no wind turbine&#8230;..

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Two months after the completion of installation, the first GE 2.5-120 wind turbine has been put into commercial operation in Schnaittenbach, a town in Bavaria, Germany. The 2.5-120 produces approximately 8 megawatts a year, which is equivalent to the required average energy needs of about 2,000 German households. The investor and operator of this project is Max B?gl Wiesner GmbH.



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By choosing GE's new 2.5-120 turbine, Max B?gl Wiesner GmbH made a decision for today's most efficient inland wind turbine worldwide. GE's goal was to facilitate the generation of wind energy in densely wooded regions with low wind intensity such as the Oberpfalz (Upper Palatinate area). The 2.5-120 meets these requirements and additionally contributes to the successful implementation of the "Energiewende" on a regional level.

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