

1.6-100 Wind Turbine

Introduction

GE's 1.5 MW wind turbine series, also known as the industry workhorse, has an installed base of over 13,500 turbines worldwide. Building on its exceptional turbine performance and reliability, GE introduces the 1.6-100 meter wind turbine.

GE continues to advance its 1.5 MW wind turbine series product line with the introduction of GE's 1.6-100 meter wind turbine. This latest development in turbine technology increases the rotor diameter on the 1.6 from 82.5 meters to 100 meters, increasing the capacity factor.

Focusing on performance, reliability, efficiency, and multi-generational product evolution, GE's 1.6-100 meter wind turbine creates more value for our customers.

Applicable Platforms

For use worldwide in IEC Type Class III environments, GE's 1.6-100 wind turbine is available for delivery in 2012 in both 50 and 60 Hz.

Technical Description

Ensuring consistent workhorse performance, reliability and efficiency, GE's new 1.6-100 meter wind turbine advances its 1.5 MW wind turbine series by leveraging proven and certified design from the 2.5 MW wind turbine series, which has over 230 installed units.

Commercial

- Approval to quote with firm pricing July 2010
- Available for 2012 delivery

Features and Benefits

- GE's new 1.6-100 meter wind turbine has a 47% increase in swept area relative to the 1.6-82.5 meter wind turbine, resulting in increased annual energy production.
- Maximizing 1.x and 2.x platform components for 20-year design life and third party certification to support serial production

Product Specifications

GE's 1.6-100 meter wind turbine IEC Type Class III offers the following technical specifications:

- GE's 1.6 generator
- 100 meter rotor diameter
- 48.7 meter blades
- 50/60 Hz
- 80 meter/100 meter tower configurations
- IEC Type Class III



For more information, please visit www.ge-energy.com/wind

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