

1.6-100 Wind Turbine

Introduction

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. GE's 1.5 MW wind turbine series, also known as the industry workhorse, has an installed base of more than 16,000 turbines worldwide. Building on its exceptional turbine performance and reliability, GE introduces the 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.

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 460 installed units.

Commercial

- Approved to quote with firm pricing
- 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 (AEP).
- Maximizing 1.5 MW and 2.5 MW 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



Powering the world...responsibly.

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

Copyright © 2011 General Electric Company. All rights reserved.

GEA18178C (05/2011)