

# 1.5se (GE Energy)

## Main data

Rated power: 1500 kW  
Rotor diameter: 70.5 m  
Old model  
Class: IEC I  
Offshore model: no  
Commissioning: 1998

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 3903.6 m<sup>2</sup>  
Power density: 2.6 m<sup>2</sup>/kW  
Maximum speed: 22 rd/min  
Manufacturer: LM Glasfiber, GE Energy

## Tower

Minimum hub height: 54,7 m  
Maximum hub height: 85 m

## Weights

Nacelle: 49 t  
Rotor + hub: 28 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 72  
Manufacturer: Bosch Rexroth, Winergy, Metso, Eichoff, GE Energy

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 13 m/s  
Cut-off wind speed: 24 m/s

## Generator

Type: DFIG  
Number: 1  
Maximum speed: 1440 rd/min  
Voltage: 575 V  
Manufacturer: Bosch Rexroth, VEM, Loher

