

# 1.5sle (GE Energy)

## Main data

Rated power: 1500 kW  
Rotor diameter: 77 m  
Old model  
Class: IEC S, IEC IIa  
Offshore model: no  
Commissioning: 2000

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 4656.6 m<sup>2</sup>  
Power density: 3.1 m<sup>2</sup>/kW  
Maximum speed: 20,4 rd/min  
Manufacturer: LM Glasfiber, GE Energy

## Tower

Minimum hub height: 61,4 m  
Maximum hub height: 85 m

## Weights

Nacelle: 50 t  
Rotor + hub: 31 t

## Gearbox

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

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 15 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: DFIG  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 690 V  
Manufacturer: Bosch Rexroth, VEM, Loher, Hitachi, Winergy

