## 1.5s (GE Energy)

### Main data
- Rated power: 1500 kW
- Rotor diameter: 70.5 m
- Old model
- Class: IEC II (WZ II, III)
- Offshore model: yes
- Commissioning: 1998

### Rotor
- Number of blades: 3
- Type: Pitch
- Swept area: 3903.6 m²
- Power density: 2.6 m²/kW
- Maximum speed: 22.2 rd/min
- Manufacturer: LM Glasfiber, GE Energy

### Tower
- Minimum hub height: 54.7 m
- Maximum hub height: 100 m

### Weights
- Nacelle: 49 t
- Rotor + hub: 28 t

### Gearbox
- Gearbox: yes
- Stages: 3
- Gear ratio: 90
- Manufacturer: Bosch Rexroth, Winergy, Metso, Eichoff, GE Energy

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

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