

# 1.5sl (Enron)

## Main data

Rated power: 1500 kW  
Rotor diameter: 77 m  
Old model  
Class: WZ II  
Offshore model: no

## 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: 18,3 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 61 m  
Maximum hub height: 100 m  
Manufacturer: Pfleiderer

## Weights

Nacelle: 49 t  
Rotor + hub: 31 t  
Tower: 158 t  
Total: 238 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 98

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 11,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC DF  
Number: 1  
Maximum speed: 1800 rd/min  
Voltage: 690 V