

## BACKGROUND

Lomba do Vale Wind Farm has 21.1 MW of installed power and initiated production in 2010. It is located in Montalegre and Cabeceiras de Basto (Portugal) and is commercial operated by Eólica dos Candeeiros Parques Eólicos, Lda., a Grupo ENERSIS company.

## MAIN CHARACTERISTICS

<b>Company</b>	Eólica dos Candeeiros Parques Eólicos, Lda.
<b>Location</b>	Montalegre and Cabeceiras de Basto
<b>Start-up Date</b>	2010
<b>Installed Power</b>	21.1 MW



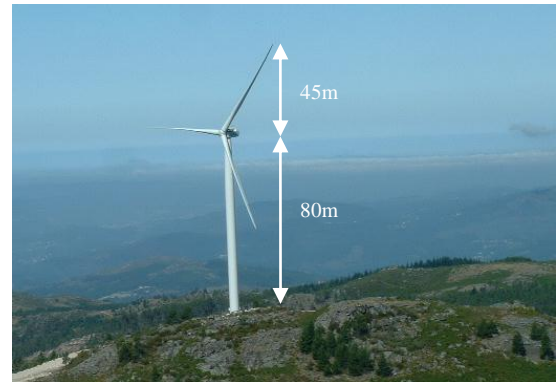
## TECHNICAL CHARACTERISTICS

### WIND FARM

N.º of Wind Generators	9
Installed Power	21.1 MW
Grid Connection Voltage	60Kv

### WIND TURBINE GENERATOR

Manufacturer	NORDEX
Model	N90/2300 N90/2500 HS
N. of Wind Turbine Generators	9
Rating of each Wind Generator	2300 kW 2500kV
Height of Tower	80 m
Rotor Diameter	90 m
Turbine Rotation Speed	9,6 - 16,9 rpm
Weight	
Nacelle	97 t
Rotor	55 t
Tower	172 t
Foundation Volume	350m



## WIND FARM LAYOUT

