

**MOORABOOL**  
Wind Farm

TURBINE MODEL  
**GW136**

**104**  
TURBINES  
(NORTH 50, SOUTH 54)

OPERATIONAL WIND SPEED  
2.5m/s (10kph) to 20m/s (77kph)

The SWEEP AREA  
of the blades is  
14,700m<sup>2</sup> which is  
the equivalent to  
56 tennis courts

**GENERATOR**  
length 5.7m  
weight 89,000kg

**NACELLE**  
length 10.1m  
weight 42,000kg

**HUB**  
length 5.3m  
weight 42,000kg

**BLADE**  
length 66.9m  
weight 20,000kg each

Total Energy  
Generation is  
up to 312MW.  
This equates to  
up to 200,000  
average VIC homes  
which is approx.  
9% of Vic homes

**55km**  
ACCESS TRACKS

**STEEL**  
**55 tonnes**  
in each foundation

**CONCRETE**  
**560m<sup>3</sup>**  
per turbine (up to 1300t)

**TOP SECTION**  
L: 25m W: 4.2m  
H: 4.2m Wgt: 50.6t

**SECTION IV**  
L: 24.4m W: 4.6m  
H: 4.6m Wgt: 59.6t

**SECTION III**  
L: 18m W: 4.6m  
H: 4.6m Wgt: 59.9t

**SECTION II**  
L: 14.2m W: 4.6m  
H: 4.6m Wgt: 64.8t

**BOTTOM SECTION**  
L: 16.1m W: 4.6m  
H: 4.6m Wgt: 104.9t

TIP HEIGHT  
**169m**

ROTOR DIAMETER  
**136.8m**

HUB HEIGHT  
**100m**

TOTAL TURBINE WEIGHT  
**590t**