

# FACTS SHEET

STOCKYARD HILL  
Wind Farm

TIP HEIGHT  
≈180m

149  
turbines to  
be constructed

TURBINE MODEL  
Goldwind 3S

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

HUB HEIGHT  
110m

The SWEEP AREA  
of the blades is  
15,482m<sup>2</sup>

GENERATOR  
length 5.4m  
weight 86,300kg

NACELLE  
length 10.1m  
weight 42,500kg

TOP SECTION  
L: 24.8m W: 4.5m

HUB  
length 5.3m  
weight 43,700kg

SECTION IV  
L: 21.8m W: 4.5m

BLADE  
length 68.6m  
weight 19,800kg each

SECTION III  
L: 21.8m W: 4.5m

≈110km  
ACCESS TRACKS

SECTION II  
L: 21.8m W: 4.5m

BOTTOM SECTION  
L: 16.0m W: 4.8m

TOTAL STEEL FOR FOUNDATIONS  
7,471 tonnes

Total Energy Generation is  
up to 530MW. This equates to  
up to 391,000 average VIC homes

CONCRETE  
79 Gravity Foundations - 590m<sup>3</sup>  
70 Anchored Foundations - 215m<sup>3</sup>