

Wind monitoring masts

Wind monitoring masts measure wind speed, direction and other meteorological conditions for use in evaluating the performance of a wind farm.

The wind farm planning permit allows for permanent anemometers (wind measurement instruments) to be installed for this purpose.

The masts are typically the same height as the “hub” of the wind turbine. The hub is the component that connects the turbine blades to the main shaft. At Moorabool wind farm the hub is located at approximately 100m.

An example of a meteorological mast that will be similar to those installed at Moorabool is in the image to the right.



The monitoring masts do not monitor any parameters relating to an individual’s privacy.

The masts will be installed in accordance with relevant Australian Standards, and while they do not use aviation lights, they will be installed with aviation warning markers or marker balls as illustrated below.



Both Moorabool north and Moorabool south have two (2) permanent wind monitoring mast each.



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