

Wind farms



We have been using wind mills in Malta for several years to pump water from the wells.

The new wind turbines work with the same method that is to collect the wind's kinetic energy. The wind flows over the blades, causing them to lift and turn. These blades are then connected to a drive shaft that turns an electric generator in order to produce electricity.

The size of the wind turbine differs widely. Small turbines are used to power a single home or business may have a capacity of less than 100 kilowatts. Some large commercial sized turbines may have a capacity of 5 million watts, or 5 megawatts. Larger turbines are often grouped together into wind farms that provide power to the electrical grid. A large wind farm may consist of a few dozen to about 100 individual wind turbines, and cover an area of hundreds of square miles, but the land between the turbines may be used for agricultural or other purposes. A wind farm may be located off-shore to take advantage of strong winds blowing over the surface of the ocean.

For more information kindly contact us, we would be more than glad to help!

