

ecotricity

Inner Farm, Burnham-on-Sea

Ecotricity proposes to install 5 Enercon 2MW wind turbines at Inner Farm, near Burnham-on-Sea.

The proposed wind turbines will annually produce 33 GWh of electricity, which is enough to supply 10,041 households every year – or in other words these five turbines alone will meet the electricity needs of 22.6% of all the households in Sedgemoor.

Crucially, each year the proposed five turbines will save the emission of over 30,165 tonnes of pollutants, which are the major cause of global warming.

Somerset has its own target to produce a minimum of 42MW of electricity from onshore wind turbines by 2010 – these 5 proposed turbines alone will meet 41.7% of this target.



Project Details

Site address: **Inner Farm, near Burnham-on-Sea, Somerset**
Installed: **In Planning**
Turbines: **5**
Capacity: **10MW**

Annual electricity output

Generation: **up to 33.1 million each year**
Equivalent to: **up to 10,041**
Blade rotation: **6 – 19.5 rpm (depending on wind speed)**

Turbine Dimensions:

Hub height: **up to 79m**
Rotor diameter: **up to 82m**
Blade length: **up to 41m**

Annual emissions savings

Carbon dioxide (CO₂): **up to 29,525 tonnes**
Sulphur dioxide (SO₂): **up to 504 tonnes**
Nitrogen oxide (NO_x): **up to 136 tonnes**