

APPLICATION NOTE

Thornton Bank

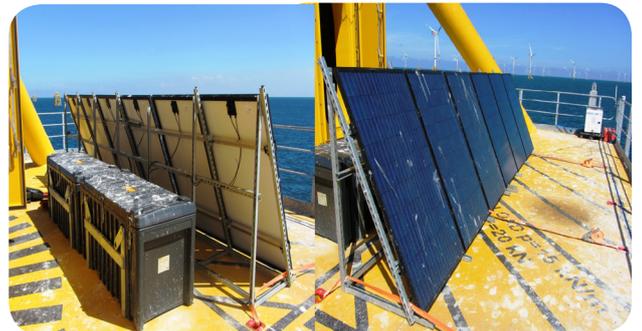
THE POWER OF THE NORTH SEA

The Thornton Bank is the first offshore wind farm located 30 kilometres off the Belgian coast in the North Sea. It is one of the largest in Europe and a major contributor of Belgium's renewable energy; meets the average annual energy needs of around 140,000 households in Belgium and avoid around 450,000 tons of carbon dioxide emissions a year.



EnerSys Benelux built a complete 'off-grid' energy system for supply AC&DC uninterruptable power. Each system has 16 blocs Odyssey PC 1800 as back up. Charging of the batteries is done by 6 solar panels of 250Wp, supplied by our partner Soluxtec.

To secure and manage energy flows, EnerSys installs their own battery monitoring system Bat@Mon. All parameters are collected to assure best performance. They also allow corrective action if necessary. Our 'Fynman' toolkit makes it possible to log all events and send them by GPRS to our server in Antwerpen.



*EnerSys has energy solutions
especially developed
for the renewable energy industry!*