

Our experience in the renewables sector: Maggoty Hydro-electric expansion scheme



The Maggoty Hydro-electricity plant was constructed at a cost of over US \$36 million and added 7.2 MW of electricity to the Jamaican national grid – the single largest hydro development since Jamaica’s independence. The scheme was commissioned in early 2014.

The hydroelectric power plant generates electrical power, using the natural water flow from the Black River. The Jamaica Public Service (JPS), which owns and operates the plant, selected the major international contractor, Kier Construction to provide an EPC solution for JPS. After a rigorous procurement process Kier Construction selected Winder Power

to design and supply a large 10MVA 69/6.9kV grid connection transformer. The story didn’t end there. Our experienced installation team travelled to Jamaica to install and commission the UK manufactured transformer. An example of Winder Power’s global reach, competitively priced but bespoke products and end-to-end customer service.

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Leading UK manufacturer of power and distribution transformers and generator equipment

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Our experience in the renewables sector: Withernwick Wind Farm



EnergieKontor UK Ltd operates a nine wind turbine site to the east of Withernwick in East Riding of Yorkshire. The farm generates over 18 MW of electricity, enough to supply power to over 12,000 homes.

Winder Power was selected to supply the grid connection transformer; a large 66/33kV ONAN/ONAF unit rated at 24/30 MVA. The unit was another of Winder Power's bespoke proto-type designs. Again, our end to end customer service was underscored by taking the project from design right through to installation and commissioning.

At Winder Power we are particularly proud of this project; like us the wind-farm is based in Yorkshire and is connected to the grid by a transformer which has Yorkshire running through its veins and stamped on every side!

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