

Merchant Wind

IntelligentSolutions™

Power For Industry



MerchantWindStrategy

TCI Renewables is forming commercial partnerships with companies that are looking for renewable energy solutions. The provision of Merchant Wind is an important aspect of our work and we can offer commercially attractive models for property owners, developers and energy users looking to meet their business and corporate responsibilities.

As well as providing a natural-based, independent energy resource, power generated by wind turbines can offer financial savings over conventional methods. Additionally, Merchant Wind projects will help contribute to the growing requirements for new developments to demonstrate a reduction in carbon output and to achieve future carbon neutrality.

MerchantWindProposition

On a partnership basis with our clients, we undertake the entire development process of a wind turbine project; from property portfolio screening and site feasibility through desk-top analysis and design to consenting and the final construction. Subsequent asset management services are also available.

TCI Renewables undertakes work on land within the freehold ownership of the client - or on adjacent third party property if required to ensure a cost effective development. We have a dedicated resources team which is well experienced in the acquisition of property rights in this niche area.

There are two basic commercial models which meet the needs of a Merchant Wind development opportunity:

Build, Transfer & Operate

- TCI Renewables develops the project at its own risk through the consenting process
- The client finances the project
- TCI Renewables project-manages the development
- The client owns the assets
- TCI Renewables operates and maintains the assets under a long term agreement

Build, Own & Operate

- As above except TCI Renewables finances the entire development and owns all the risk
- TCI Renewables owns the assets - the generated power is passed to the client either at a fixed annual saving or through a pre-agreed value share mechanism
- Assets can be transferred from TCI Renewables to the client at agreed dates and values.

While these proposals accommodate most Merchant Wind development opportunities we are always prepared to discuss alternative arrangements.

A Natural Remedy...



MerchantWindPower

Merchant Wind Power is a commercial framework for developing electricity from wind turbines placed on undeveloped land or brown field sites owned by high-volume commercial energy users. The land owners are supplied with power at reduced rates for use on the site or on other sites within a wider portfolio.

TCI Renewables is currently undertaking one of the biggest merchant wind contracts in the UK; developing wind energy on property owned by utility company Anglian Water. The energy generated under this arrangement will be used to offset the energy currently consumed by Anglian Water, providing savings and reducing the company's carbon-fuel dependency.



The turbine at Antrim Area Hospital

MerchantWindPower



TCIRenewablesProjects

Antrim Area Hospital The United Hospital Trust engaged TCI Renewables in a turn-key role in the design, procurement and installation of a wind turbine to help meet the energy requirements at Antrim Area Hospital.

TCI Renewables undertook detailed planning consent, civil designs, high voltage electrical alterations and construction work, as well as procuring, erecting and commissioning the turbine. The project was delivered to budget eleven weeks ahead of schedule. The Vestas 660kW turbine is capable of supporting up to two thirds of the hospital's energy requirement during the day and 100% of its load through the night.

Following the successful completion of the installation the United Hospitals Trust said:

"TCI Renewables did an excellent job in coordinating the many different aspects of the project, including their own resources and suppliers, the hospital's facilities team and external consultants. This is a landmark project and the first of its kind at any hospital in Europe as far as we are aware. It proves that renewable technology can be an appropriate component of a long term sustainable energy strategy for organisations like the United Hospitals Trust".



Anglian Water contracted TCI Renewables in 2005 to assess its property portfolio and identify and develop potential wind energy sites. Six sites are currently in development with a maximum potential of 30MW of electricity production. A number of the sites have had planning applications submitted and further sites are being researched to help Anglian Water meet its growing renewable energy targets.

Merchant Wind projects are often located on the urban fringe and require a much greater attention to elements such as noise and electro magnetic interference as well as more rigorous consultation with the local community. In all cases the focus is on sites with a large energy demand rather than those with a large development area.



Every proposal comes with a series of detailed environmental, visual and technical studies which are used to assess the impact of a new wind turbine development project.

TCI Renewables is a UK-based renewable energy development company comprising over 30 industry professionals working on the delivery of projects across the UK, Ireland and North America. We specialise in identifying and developing wind farm projects for planning, as well as offering specialised project management services for the construction and asset management of wind power developments.



www.tcirenewables.com

ACCREDITATION

The TCI Group operates a uniquely accredited integrated management system which has achieved the following standards;

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management
- ISO 1800 Occupational Health & Safety

The comprehensive processes are contained within our workflow management system, Latitude, which controls the project procedures and regulates the TCI Group and all its subsidiary businesses.

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