

YOUR TOUR OF THE GLEN DHU WINDFARM

STEP ONE: BUILDING THE ROADS

The first construction phase involved building over 21 kms of roads, 10.5-m wide, which snake along the mountain top with spurs to each tower site. Each road was named by a landowner and three of the roads were named in honour of deceased community members, who had an interest in the wind farm.

STEP TWO: BUILDING THE FOUNDATIONS

During September, workers began laying the foundation for the turbines and the work continued steadily to build the first of two substations, which takes the power generated by the wind turbine and transforms it to a higher voltage for the distribution system. The substation also ensures that the wind turbine power is delivered at standard, consistent voltage and frequency levels.

STEP THREE: EXPECTED ARRIVALS OF WIND TURBINES

Turbines at the Glen Dhu Wind farm will start to arrive by late October 2010. The towers will be shipped to Sheet Harbour and trucked from there to the wind farm itself. Transportation of the turbines from Sheet Harbour to the site is a carefully planned process that is guided by the Nova Scotia Department of Transportation and Infrastructure Renewal.

The job is planned so that as the pieces come to the site they are put in place as quickly as possible to save time and space. Fourteen of the 80-metre towers will be erected in Pictou County with the remaining 13 finding a home in Antigonish County along a road that connects all the tower sites.



Turbine base being put in place for turbine 22



Transporting of turbine bases to location



Emera Service Substation

COMMUNITY CONTRIBUTION

We are committed to being a good neighbour and responsible corporate citizen as we build and operate a successful wind farm in Pictou and Antigonish Counties. By being supportive of the needs and interests of the communities in which we operate, we can play a part in contributing to the quality of life and development of the area. Our sponsorship intention is to meet important community needs in ways that are compatible with our business interests. We are committed to serving our communities, where we can, in the same way we are committed to safety, environmental excellence, efficiency and reliability in our operations.



The Glen Dhu Wind Farm has a number of community support initiatives underway. These efforts are focused on public education and support for public services. The following are the main areas of focus for the community sponsorship initiatives:

- Advancing education
- Ecological and environmental protection and conservation
- Community safety and protection (fire departments, etc)

Other financial investment in the communities include the following:

- Over \$50 million invested in local contractors during the construction phase
- Approximately \$430,000 per year in royalties will be paid to local landowners
- Over \$8.6 million over the 20-year duration of the agreement will be injected into the local economy
- At the end of September, approximately 46,000 person-hours had been expended

- Approximately \$360,000 per year will be paid in property tax to the two counties, and over \$7.2 million during the 20-year agreement
- Over 41 local companies from the Antigonish and Pictou counties have been contracted
- Approximately 65% of the person-hours has been expended with local companies
- The total Nova Scotia content to date is approximately 87% of the total hours spent on the project
- Enercon is building its Nova Scotia workforce to get ready for the turbine maintenance contract
- Workforce at the end of September was about 100 people

GLEN DHU WIND FARM IN THE NEWS



Questions? Comments?

We welcome you to contact us for more information, send through your comments and find out more about the project. Also please visit our website to see the most recent news, questions and available research:

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