

Mother Earth Renewable Energy Project

4MW of Wind Energy

Client

M'Chigeeng First Nation

Referral Contact:
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Location:

Manitoulin Island

3G Energy Team:

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Project Dates:

2006-2014

PROJECT DESCRIPTION

M'Chigeeng First Nation (MFN) sought a partnership with 3G Energy in 2006 and an agreement was created in 2007. The goal was to create a 10MW wind farm at the M'Chigeeng Reserve lands on Manitoulin Island, under a 50:50 partnership.

In 2009, it was deemed more appropriate if the partnership was converted into a client relationship and 3G assisted MFN in lobbying two levels of government for equity resources to achieve 100% First Nation ownership of a 4MW wind farm. A total of \$1 million was granted by the Federal Government in support of MFN's efforts, with 3G's involvement as technical

expert on deployment matters. In 2010 MFN was awarded a FIT contract for 4 MW, and 3G subsequently assisted MFN in obtaining a loan guarantee covering the \$13 million project, as well as \$8 million in long term debt from TD Canada Trust. 3G sourced a wind turbine manufacturer and arranged a Turbine Supply Agreement in late 2010. 3G planned and implemented the construction of the project over 2011 and 2012, including all civil work, oversight over the foundation work, and the construction of all interconnection facilities.

Completion and commissioning was in mid-2012, and 3G provided Operations and Maintenance coordination services until 2015.



Scope of Work:

- ◆ Permitting
- ◆ Wind Resource Assessment
- ◆ Economic Feasibility Study
- ◆ Financing Arrangements
- ◆ Oversight on Environmental Assessment
- ◆ Construction Management & Commissioning
- ◆ Loan Reporting
- ◆ O&M Oversight

