

# M'Chigeeng Rooftop Solar Projects

## Three MicroFIT Solar Projects

### Client

**M'Chigeeng First Nation**

Referral Contact:

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### Location:

**Manitoulin Island**

### 3G Energy Team:

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### Project Dates:

2011-2012



### PROJECT DESCRIPTION

M'Chigeeng First Nation (MFN) desired to build microFIT solar PV projects on rooftops of infrastructure buildings in the village. 3G assisted in the microFIT application process and three 10KW projects were awarded. More were requested in 2012 and 2013 but Hydro One constrained the Band to 30KW due to distribution line strength issues.

3G designed the three system and arranged equipment supply from Canadian Solar Inc.

3G trained a group of 8 young people from MFN in the task of deploying solar PV on rooftops. 3G managed the construction of the three systems and has done maintenance supervisory work since commissioning in 2012.

### Scope of Work:

- ◆ Permitting
- ◆ Solar Resource Assessment
- ◆ Economic Feasibility Study
- ◆ Equipment Supply
- ◆ Training of the Indigenous
- ◆ Construction Crew
- ◆ Construction Management & Commissioning
- ◆ O&M Oversight

