

Case Study:

PROVIDING CONTINUOUS SUPPORT FOR A PHOTOVOLTAIC ENERGY PROJECT IN NORTHERN ONTARIO

PROJECT OVERVIEW

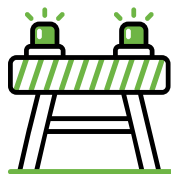
Spark Power was tasked to develop and deliver a customized support and maintenance plan for one of Northern Ontario's largest photovoltaic energy projects.



Scope

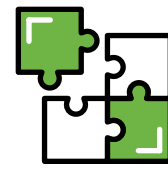
The customer requested Spark Power be responsible for:

- Site monitoring and performance analysis
- Ongoing testing and inspection services
- Operations and maintenance (both preventative and on-demand service)
- Substation and high voltage maintenance



Challenges

Ensuring project and asset downtime is minimized. Providing solutions and recommendations to maximize energy production.



Solutions

Installing an advanced supervisory control and data acquisition (SCADA) system capable of 24/7 site monitoring, data acquisition, alarming, and performance analysis.

Deploying solar experts who have extensive original equipment manufacturer (OEM) training and familiarity with the individual components (i.e. inverters) of a solar project.

Using responsive dispatch and technical troubleshooting to minimize unwanted downtime.