



Services Provided:

- ❑ Electrical Engineering
- ❑ Construction Review
- ❑ Performance Verification
- ❑ IR/IV/COVER Commissioning

Equipment Details:

PV module:

Hanwha G4 – 340 W modules

Inverter:

Fronius SYMO (Ground Mount)
Santerno (Rooftop)

Racking:

Polar Racking (Ground Mount)
Schelleter (Rooftop)

Contract Details:

Term: 2017 to Present

Reference Contact:

Welland Hydro Electric System Corp.

Kevin Carver, P.Eng., ME
Senior Electrical Distribution System Engineer

Phone: 905-732-1381 x223
kcarver@wellandhydro.com

4 Projects – 1.75 MW Total

This portfolio included four FIT scale projects in total. We were retained as the prime engineering consultant for their new construction Ground Mounted projects being developed as a Joint Venture between the City of Welland and Welland Hydro Energy Services:

- 950 East Main – Welland, ON – 500 kW (in Progress)
- 108 Thorold Road – Welland, ON – 500 kW (in Progress)
- Sportsplex GM – Welland, On – 500 kW (Feasibility Stage)

In addition to electrical engineering design services, we are providing construction site reviews, preparation of As-Built drawings, and full commissioning services including: COVER Testing, IR Imaging, and IV Curve Tracing to satisfy the Local Distribution Company (LDC) requirements.

The final project was a condition assessment and repair of an existing rooftop installation:

- Sportsplex – Welland ON - 250 kW

We were retained to assist in developing repair and optimization solutions to get the systems back into full operation.