

## **9.1 MW Ground Mount PV System Stone Mills, Ontario**

### **FACT SHEET**

- First Light was developed under a joint-venture between SunEdison and SkyPower Corp. Nord /LB provided financing for the system.

#### **System Description:**

- Approximately 9.1 megawatt (MW) (DC) ground-mount photovoltaic solar energy system.
- The system covers almost 90 acres of limited use, non-agricultural land. With approximately 126,000 thin film PV solar panels.
- The zero-emission solar energy system located in Stone Mills, Ontario was activated on September 30, 2009.

#### **Total Estimated Output:**

- During the first complete year of operation, the PV system is projected to produce more than 11.5 million kilowatt hours (kWh) of clean, solar energy,
- Enough to power almost 1000 average Canadian Homes.
- Over 20 years, the system is estimated to produce more than 210 million kWh, enough energy to power more than 42,000 average Canadian homes for a year.

#### ***Environmental Impacts:***

- **Carbon Dioxide Offset:** Over 20 years, the zero-emission system is estimated to prevent more than 152, 000 metric tons of CO<sub>2</sub> that would have been emitted during the production of electricity from fossil fuels.
- This is the equivalent of taking more than 35,000 cars off the road for one year.
- To remove this amount of CO<sub>2</sub>, you would have to plant more than 7 million trees.