

**PROJECT:**  
Thunder Bay Airport

**Location:**  
Thunder Bay, ON

**System size:** 8.5 MW

**Activated:** Dec. 2011

**Module:** CS6P-230M,  
CS6P-235M

**Modules used:** 36,660

**Mounting type:** COSMA

**Inverter type:** Sinvert  
1401 UL

**Monitoring system:**  
SCADA

**Annual output:** over  
7,439,000 kWh/yr

**Annual CO<sub>2</sub> avoided:**  
5,061 metric tons

**EPC, Installer:**

Canadian Solar Solutions  
545 Speedvale Ave. W.  
Guelph, Ontario, Canada  
N1K 1E6  
519-837-1881

**Owner & Developer:**

Skypower Global  
130 Adelaide St. West,  
30th Floor  
Toronto, Ontario, Canada  
M5H 3P5  
416-979-4625

**Canadian Solar Supplies EPC Services and Modules for Thunder Bay Airport Solar Park (Chosen Finalist for Intersolar N. America 2012 Solar Project Award)**

The first utility-scale solar installation on airport authority land in Ontario, Thunder Bay Airport was completed and connected in December of 2011. The 8.5 AC megawatts solar project was featured in the "Shine Ontario" campaign spearheaded by SkyPower and Canadian Solar to promote the benefits of green energy and was selected as a finalist for the Intersolar 2012 North America Projects Award.

Canadian Solar, already established as one of the largest module manufacturers in the world, deployed 36,660 premium performance CS6P modules to power the solar installation. The Thunder Bay solar plant will generate enough renewable energy to power almost 15,000 homes over a 20-year period and offset approximately 5,061 metric tons of carbon per year, helping to secure the province as the greenest in Canada. In addition, the utility-scale solar project generated approximately 100 construction jobs and many more indirect regional jobs for the Ontario market.

The Thunder Bay Airport project is owned and developed by Skypower Global, one of Canada's largest owners and developers of solar energy projects. SkyPower prospects, develops, finances, owns and operates solar energy projects from the initial discovery stages through to commercial operation. Canadian Solar Solutions Inc, a division of Canadian Solar, was awarded the Engineering, Procurement and Construction (EPC) contract. Capable of providing project build, finance, operation and maintenance support, Canadian Solar Solutions Inc.'s technical staff specializes in

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*"Canadian Solar is a strong partner whose bankability, EPC knowledge, expertise and project support is paving the way to successful project construction and completion" said Kerry Adler, CEO of SkyPower.*

**Innovation. Quality. Value.**

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*The Thunder Bay Solar Plant was hand-selected by an expert panel as one the top utility-scale solar project finalist for the “2012 North America Project Award” by Intersolar North America.*

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delivering customized and cost-effective turnkey utility-scale solar project services.

Canadian Solar and SkyPower have formally launched a 50:50 joint venture operating in the Middle East, Africa and South America.

Canadian Solar CS6P modules deployed in the Thunder Bay project are known for their reliability, outstanding performance, and durability. All Canadian Solar modules are supported by a 10-year product warranty on materials and workmanship, along with a 25-year linear power output warranty. They are also guaranteed by third-party warranty insurance ensuring a safe investment for system owners, developers and investors.

CS6P is a robust solar module with 60 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Canadian Solar’s modules meet the highest-quality standards possible.

<b>Model No:</b>	CS6P
<b>Pmax:</b>	230W – 255W
<b>Cell Type:</b>	Poly
<b>Dimensions:</b>	1638 x 982 x 40 mm (64.5 x 38.7 x 1.57 in)
<b>Weight:</b>	19 kg (41.9 lbs.)



**Canadian Solar is one of the world’s largest solar companies.**

Canadian Solar Inc. (NASDAQ: CSIQ), a leading vertically integrated provider of ingot, wafer, solar cell, solar module and other solar applications, designs, manufactures and delivers solar products and solar system solutions for on-grid and off-grid use to customers worldwide. With operations in North America, Europe, Australia, Africa and Asia, Canadian Solar provides premium quality, cost-effective and environmentally-friendly solar solutions to support global, sustainable development. For more information, please visit [www.canadiansolar.com](http://www.canadiansolar.com).

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