



HYBRID
STRUCTURES INTERNATIONAL Ltd.

The Leader in OTG Structures & Systems

Less Energy More Life

Solar Power Systems Save Money by Going Green!

Beat the high energy bills! Go Solar!

"... an expected **46% INCREASE** in the **COST of hydro** over the next five years!"

The Ottawa Sun, Nov. 19, 2010. By: Antonella Artuso.

Hybrid Structures International **designs & installs complete** Solar Off-Grid Power Systems. As heating & cooling costs rise many people are turning to alternatives for their energy requirements. Solar Energy is becoming a fast solution for both residential & commercial use. **CALL US NOW! 613-726-6673** (Ottawa)

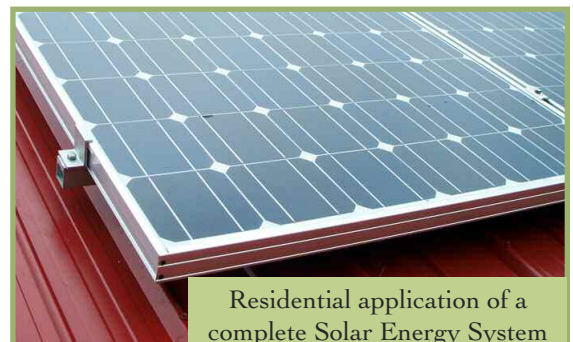
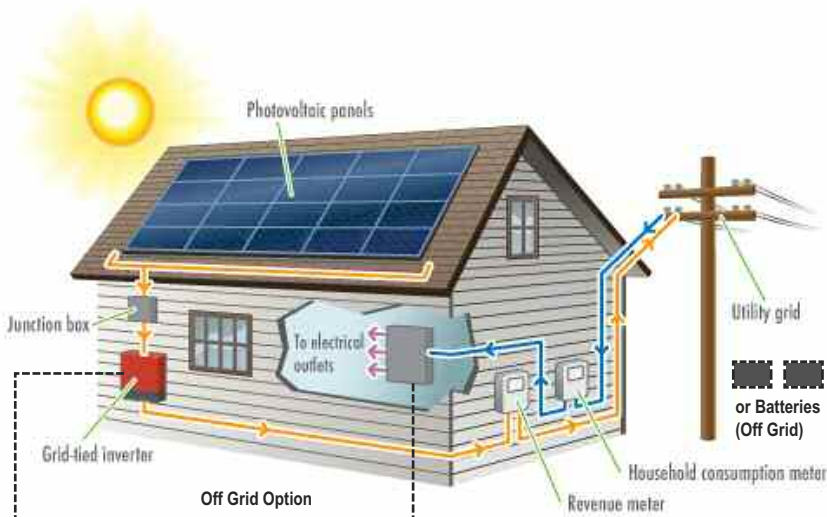
Where to start?

Solar energy technologies use the sun's energy and light to provide heat, light, hot water, electricity, and even cooling, for homes, businesses, and industry. There are a variety of technologies that have been developed to take advantage of solar energy. At HSIL we can take out the guess work and make your solution a simple process.

Photovoltaic (Solar Cell) Systems (Roof Top (sloped) or Ground Mount Solar Panels)

Solar panels use photovoltaic (PV) solar cells to convert solar radiation into direct current electricity. This technology is great because once you have invested in solar energy technology, you no longer rely on expensive fuel sources – your 'fuel' is free. After a short time, your energy bill savings will allow you to recoup your original investment and save on future energy costs.

Solar panel units are used to generate enough power to support or completely substitute conventional power systems for residential or commercial use. We offer a range of models and sizes of panels and have experienced renewable energy specialists available for consultation.



Residential application of a complete Solar Energy System - Solar PV Roof Top Panels



Stay ahead of the increasing high energy costs!

SOLAR SYSTEM PACKAGES - OFF GRID

In the Ottawa area the average amount of useful sunlight that we receive is 3.8* full sunshine hours per day (taking into account all the snow, rain and cloudy days). This means that your solar system will produce energy for approximately 3.8 hours out of each day.

* Estimated using RETScreen Software. Location: Ottawa.

HSIL Solar OG-RT 2.3kW

Ideal for a sloped rooftop, approximately 200sq.ft. is required.

Wattage (kilowatts) - 2.3kW. 25 Year Warranty.
Hardware included in package - battery bank 12.7kwh, inverter, charger, controller, 10 solar panels, mounting hardware and installation.

MWh/year*2.9 - 3.3 **Package Price - \$24,150.00**

HSIL Solar OG-RT 5kW

Ideal for a sloped rooftop, approximately 450sq.ft. is required.

Wattage (kilowatts) - 5kW. 25 Year Warranty.
Hardware included in package - battery bank 25kwh, inverter, charger, controller, 22 solar panels, mounting hardware and installation.

MWh/year*6 - 7 **Package Price - \$37,800.00**

HSIL Solar OF-RT 8kW

Ideal for a sloped rooftop, approximately 850sq.ft. is required.

Wattage (kilowatts) - 8kW. 25 Year Warranty.
Hardware included in package - battery bank 37kwh, inverter, charger, controller, 34 solar panels, mounting hardware and installation.

MWh/year*9.5 - 10 **Package Price - \$59,850.00**

HSIL Solar OF-RT 10kW

Ideal for a sloped rooftop, approximately 950sq.ft. is required.

Wattage (kilowatts) - 10kW. 25 Year Warranty.
Hardware included in package - battery bank 37kwh, inverter, charger, controller, 42 solar panels, mounting hardware and installation.

MWh/year*11.5 - 13 **Package Price - \$78,750.00**

* Estimated using RETScreen Software. Location: Toronto. South facing unobstructed slope.

Up Grade Option - Upgrade to 55kwh battery bank - add \$17,850.00
Contact us for pricing on Solar Off Grid Ground Mounted Systems.



Commercial application of a complete Solar Energy System - Solar PV Roof Top Panels



Financing is Available for Your System

We offer purchase options and financing through a variety of lending partners. Return on your investment can reach as high as 15.8%. Our finance manager will sit with you and tailor a plan to meet your specific financial goals. Business owners can lease, home owners may qualify for a home equity line of credit or one of many standard financing options.

Hybrid Structures International Ltd. is a company comprised of leading industry professionals in the field of renewable energy and ecologically-friendly home development. Our experienced specialists are available to perform all installations of renewable energy technologies.

For more information - www.hsil.ca



THE GREEN FORCE INITIATIVE

101- 6 Bexley Place, Ottawa, ON K2H 8W2

T: 613.726.6673 C: 613.297.2803

www.hsil.ca/gfi

An Affiliate of **HYBRID** STRUCTURES INTERNATIONAL Ltd.



Homes ~ Cottages ~ Cabins ~ Shelters
Renewable Energy Systems ~ Wind ~ Solar
Rapid Build Solutions ~ Design and Build Services
FIT & MicroFIT Systems ~ Solar Geothermal Systems
Windows ~ Doors ~ Solar Hot Water Heating