



**HYBRID**  
STRUCTURES INTERNATIONAL Ltd.

The Leader in OTG Structures & Systems

Less Energy More Life

# Make Money with Solar Power MicoFIT Program

## Get paid to generate renewable energy!

### \$1000's a year in income for the next 20 years!

With the new 20 year FIT guarantees, the real rate of return on your investment could exceed 12%.

Hybrid Structures International designs & installs complete Solar Power MicroFIT compliant systems. Start generating additional income & contribute to a greener planet through Ontario's Feed-In Tariff (FIT) Program. - CALL US NOW! 613-726-6673 (Ottawa)

#### What is the OPA MicroFIT Program?

If you are a homeowner, farmer or small business owner, you have the opportunity to develop a very small or "micro" renewable electricity generation project (10 kilowatts or less in size) on your property. Under the MicroFIT Program, you will be paid a guaranteed price for all the electricity your project produces for at least 20 years. Taking part of this program you will improve the environment while profiting from a government guaranteed investment. The MicroFIT Program (Ontario's Feed-In Tariff (FIT) Program) is part of The Ontario Green Energy Act (GEA). More information : <http://microfit.powerauthority.on.ca>

#### Who Can Apply?

The microFIT Program is designed for homeowners, farmers and small business owners. If you are a homeowner, farmer or small business owner, you have the opportunity to develop a very small or "micro" renewable electricity generation project (10 kilowatts (kW) or less in size) on your property. Under the microFIT Program, you will be paid a guaranteed price of 0.80¢/kWh (roof top systems) and 0.64¢/kWh (ground mount systems) for all the electricity your project produces for twenty years.



Photovoltaic Roof Top Solar Panel System

#### The Solar Systems - Investment & Return

##### Photovoltaic Roof Top Solar Panel Systems

Hybrid Structures can design and install your sleek and efficient roof top flat panel system based on your specific project. (Installed system prices vary due to site specifics and equipment required.)

##### HSIL Solar RT 2.3kW

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

Wattage (kilowatts) - 2.3kW. 25 Year Warranty.

Hardware included in package - 10 - 235w solar panels, mounting hardware, combiner box, a/c and d/c disconnect, wiring, 2300watt inverter.

MWh/year\* .....2.9 - 3.3 R.O.I. ....9 -10%

Payback .....11.4 years **Revenue/year\* ...\$2,300**

**Package Price - \$26,250.00**

##### HSIL Solar RT 4.7kW

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

Wattage (kilowatts) - 4.7kW. 25 Year Warranty.

Hardware included in package - 20 - 235w solar panels, mounting hardware, combiner box, a/c and d/c disconnect, wiring, 4700watt inverter.

MWh/year\* .....6 - 6.8 R.O.I. ....10.6 -12.8%

Payback .....9.4 years **Revenue/year\* ...\$5000**

**Package Price - \$47,250.00**

##### HSIL Solar RT 9.8kW

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

Wattage (kilowatts) - 9.8kW. 25 Year Warranty.

Hardware included in package - 42 - 235w solar panels, mounting hardware, combiner box, a/c and d/c disconnect, wiring, 10000watt inverter.

MWh/year\* .....11.5 - 13 R.O.I. ....11-12%

Payback .....8.9 years **Revenue/year\* ...\$10000**

**Package Price - \$89,250.00**

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

# \$1000's a year in income for the next 20 years!

## Photovoltaic Pole Mounted Tracker Solar System (Ground)

This type of system is suitable for large open spaces. The tracker requires a 50ft x 50ft radius with minimal shading. (Installed system prices vary due to site specifics and equipment required.)

### HSIL Solar PMT 10kW (ground mounted)

Ideal for large open space - ie. field, approximately 10000-11000sq.ft. is required.

Wattage (kilowatts) - 10kW. 25 Year Warranty.

Hardware included in package - 44 - 235w solar panels, concrete footing, poles, tracking system components & hardware, a/c and d/c disconnect, wiring, string inverters.

MWh/year\* .....21 - 22      R.O.I. ....50-60%

Payback .....8.9 years      **Revenue/year\* ...\$14000**

**Package Price - \$97,000.00**

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



Photovoltaic Pole Mounted Tracker Solar System (Ground)

## 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.

## How To Get Started

- Visit the microFIT Program website, apply and register online for your reference number.
- Select your solar system from HSIL
- Then apply to your local electricity distribution company to connect your project once your project is complete.
- OPA will offer a MicroFIT contract (20 years). After accepting the contract you will start to receive payments.

## HSIL System Selection & Installation Process

- Onsite consultation
- A site assessment will be completed
- We will provide a financial feasibility study (based on Environment Canada)
- HSIL will design your complete solar system
- HSIL will fully install & test your system
- After service & warranty information will be provided

## Questions & Answers

- **Do I have to declare the income?**  
*YES - the homeowner becomes a proprietor of a business, but you also deduct all expenses related to the HSIL PV system from your taxable income, including the cost of the system.*
- **Will my property tax increase?**  
*No - MPAC there is currently no direct impact on property taxes. This may change in the future.*
- **Will my property insurance go up?**  
*Possibly - Your solar system is a removable fixture so it is important to check with your insurance company to see if any extra coverages are needed for your new solar system.*
- **Will a Solar Roof decrease my resale value?**  
*No - energy conservation and renewable energy generation adds value to a home. Solar energy is seen as one of the best home improvement investments you make. The microFIT contract is transferable to the new homeowners.*

**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](http://www.hsil.ca)

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

T: 613.726.6673 C: 613.297.2803

[www.hsil.ca/gfi](http://www.hsil.ca/gfi)

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



THE GREEN FORCE INITIATIVE

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