

Ontario Power Authority Feed-In-Tariff (FIT) Program



Feed-In-Tariff Program

The new Program was launched on October 1st, 2009 by the Ontario Power Authority as a tool to enable the success of the Ontario Provincial Government's Green Energy Act. The Program compensates generators of renewable energy for every kilowatt-hour of energy they produce.

The first comprehensive, guaranteed pricing structure for renewable electricity in North America, the FIT Program offers stable prices under long-term contracts for renewable energies including solar photovoltaics.

How It Benefits You

The FIT Program allows any owner of an electrical service connection including residents, businesses and government bodies to sell energy from renewable resources such as solar - back into the grid at a rate which will generate a reasonable return. This not only saves energy costs by reducing the reliance on grid-power, it also allows individuals and organizations to generate revenue from an environmentally sustainable source.

Prices within the Program are designed to cover project costs and allow for a reasonable return on investment over the contract term.

The Program presents an opportunity for individuals and organizations to recognize their green objectives today, via a profitable, stable and government-supported initiative.

Who is Eligible?

- Renewable energy generating facilities using solar photovoltaics, hydro, biogas, biomass, landfill gas and wind
- Locations connected to a local distribution system, host facility or IESO-controlled grid within Ontario
- Projects with rated electricity generating capacity up to 10MW

How It Works

1. Register for the FIT Program online
2. Complete an application with support from Carmanah Technologies
3. Receive FIT Contract offer after eligibility is confirmed
4. Begin completing project milestones until reaching commercial operation

The Bigger Picture:

- Help Ontario phase out coal-fired electricity generation by 2014—the largest climate change initiative in Canada
- Boost economic activity and the development of renewable energy technologies
- The program is expected to generate tens of thousands of green collar jobs in manufacturing and services for the province of Ontario



The Carmanah Advantage

- We deliver extraordinary value to clients by providing professionally engineered and managed turnkey projects that are competitively priced, optimally designed and practically installed
- We provide direct experience with more than a dozen Ontario LDCs including Hdro One, Whitby Hydro, Enersource, Powerstream, Toronto Hydro, Ottawa Hydro, and Enwin (Windsor)
- NABCEP-approved and certified engineers

CITY OF TORONTO POLICE SERVICES



System Type: Rooftop Grid-Tied Solar Photovoltaic System
System Size: 50 kW
Client: City of Toronto Police Services
Location: Toronto, Ontario



In April 2009, the City of Toronto upgraded their Police Services garage facility with a 50kW grid-tied photovoltaic system supplied and installed by Carmanah Technologies. The solar power installation assists the Toronto Police Services in their efforts to control energy costs, while reducing its reliance on the Toronto Hydro distribution system.

The project also features a web-based performance monitoring system that tracks system status, power production and environmental variables ensuring optimal operation. Following structural upgrades to strengthen existing rooftop supports, the integrated solar power system delivers immediate benefits in the form of reduced energy consumption, lower monthly electricity bills, and ongoing revenue generation through contract-based incentives such as the Ontario Power Authority Feed-In-Tariff (FIT) program.

The system's rooftop array also serves as a visible symbol of the City of Toronto's commitment to a sustainable future powered by clean and efficient renewable energy technology.

TORONTO PARKING AUTHORITY



System Type: Wall-mounted Grid-Tied Solar Photovoltaic System
System Size: 21 kW
Client: Toronto Parking Authority
Location: Toronto, Ontario



In August 2009, the Toronto Parking Authority (TPA) installed a 21 kW grid-tied solar photovoltaic system as part of an ongoing renewable energy initiative. The wall-mounted grid-tie system will reduce the facility's dependence on the Toronto Hydro distribution system while helping to control energy expenses. The new integrated solar power system also provides revenue-generating potential, in thanks through a contract with the Ontario Power Authority's Feed In Tariff (FIT) program.

The Toronto Parking Authority is a self-sustaining public corporation owned by the City of Toronto. It contributes significant revenues to the City's general reserves while successfully meeting its mandate to provide safe, attractive, conveniently located and competitively priced off and on-street public parking, which is required by commercial strips and neighbouring residential areas to survive.

Why Carmanah?

As Canada's largest and most successful name in commercial photovoltaic projects, Carmanah has designed and installed more grid-tie solar power systems than any other integrator or EPC contractor in Canada. We are committed to delivering long-term value for our customers. **Let us put solar to work for you!**

