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# SANYO Modules Used in Hydro One Brampton PV Systems

Press Release from SANYO Energy (USA) Corp.  
TORONTO, CANADA

Hydro One Brampton has installed two Solar Photovoltaic (PV) systems at its headquarters at 175 Sandalwood Parkway West Brampton Ontario, rated at 1.56kWp and 20.475kWp. Both systems are connected directly to the Hydro One grid.

The first system is a residential grid tie system that is rated at 1.56kWp and uses 8 SANYO HIT PV modules rated at 195Wp each. The 8 modules, which are configured in 2 strings of 4, are connected to an SMA SunnyBoy SWR1800 inverter for grid tie with no batteries. The system is designed to demonstrate to home owners what a typical system looks like and how much electricity is generated.

The second system is a commercial grid tie system that is rated at 20.475kWp and uses 105 SANYO HIT PV modules rated at 195Wp each. The 105 modules were installed on the flat roof of the building using a ballasted mounting system with no roof penetrations. The 105 SANYO HIT PV modules are connected to 3 SMA SunnyBoy SB7000 inverters in a 3 phase configuration for grid tie with no batteries. The system is designed to demonstrate to business owners what a typical commercial grid tie system looks like and how much electricity is generated.

“The SANYO HIT PV modules were selected for both system designs because of their high efficiency and proven performance for higher energy production on an annual basis when compared to PV modules from other manufacturers,” said Steve Eng, Energy Engineer at Enviro-Energy Technologies Inc. “The higher power density also allowed us to install more power in a smaller area”.

“We are delighted to be a part of the two demonstration systems at Hydro One Building in Brampton,” states KC Chang, SANYO Canada’s Sales and Marketing Manager for Solar. It further demonstrates SANYO Canada’s leadership in increasing the awareness of available clean alternative energies in Canada. In addition, Enviro-Energy Technologies’ technical expertise and experience in working with SANYO modules help to highlight the benefits of using SANYO HIT PV modules in these systems.”

**About Enviro-Energy** Based in Markham, Ontario, Enviro-Energy Technologies Inc. ([www.enviro-energytech.com](http://www.enviro-energytech.com)) specializes in the custom design and installation of grid-tie solar, wind renewable energy systems for the commercial and residential markets. The company’s engineering expertise ensures that all system designs meet electrical safety approvals and the requirements of the Local Distribution companies (LDC’s) in Ontario.

**About Sanyo Canada** SANYO Canada, established in 1958, is based in Concord, Ontario (a business suburb north of Toronto). Founded in 1947 in Osaka, Japan, SANYO, which stands for “three oceans,” has \$22 billion worldwide in sales. The company provides a full range of SANYO consumer and industrial products including audio and video, digital cameras, wireless communication, LCD projectors and monitors, security video, air conditioning and home appliance products. SANYO is also the world’s largest manufacturer of rechargeable batteries. Its environmental focus includes solar energy panel products, non-fluorocarbon refrigeration, and hybrid gasoline-electric vehicle power solutions. It is also a major manufacturer of lab equipment and CO<sub>2</sub> incubators. Visit [www.sanyo.ca](http://www.sanyo.ca) for more information.

## For Further Information

- [Click HERE to view the residential demonstration system.](#)
- [Click HERE to view the commercial demonstration system.](#)

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