BACKGROUND
In order to advance its commitment to corporate sustainability, Loyalty One chose to install a 163.18 kW photovoltaic system at its customer call centre in Mississauga, ON. This project was the largest of its kind in Canada at the time of construction. The PV system is composed of two main arrays: an angled ground-mount and a horizontal roof-mount. These arrays offset the facility’s need for power from conventional sources and will generate substantial long term revenues from electricity sales through the Ontario Power Authority’s Feed-in Tariff program.

MONITORING
A Sunny WebBox is installed on-site, which logs energy production data collected from each inverter. Yield data, along with solar radiation and temperature measurements, are accessible through the Sunny Portal website in hourly, daily, and monthly intervals.

FINANCIAL
The total installed cost of this PV project was reported to be $1,850,000. Based on this figure, the system will pay for itself in approximately 15 years and continue generating clean electricity for years after.

STATUS
The PV system was conceived under Ontario’s Renewable Energy Standard Offer Program (RESP), which preceded the Feed-in Tariff (FIT) program. Construction began as the FIT program was being developed, and the project has successfully transitioned from RESOP to FIT.

For more information, contact:
Jeremiah Brenner
Loyalty One
416-552-2077  jbrenner@loyalty.com