



Voltage Management Applied to Multi-Resident Building

Oxford Properties Group is an industry leader in sustainable building management. They are a world renowned owner of properties in every asset class and strive to innovate and improve upon their assets under management. Ingrained in their culture is 'sustainable intelligence': the practice of unwavering commitment to do what's right for both the environment and for their bottom line.

Lakeside Place is a 116 unit multi-residential complex located in Mississauga Ontario that was identified as an ideal target site for voltage management due to voltage readings averaging 6% (37v) higher than specification. By installing two Harmonizers in the tower and low rise units to optimize incoming voltage, the property currently saves 5% annually in electricity consumption and has curbed demand up to 90kW during peak months.

Following the resounding success of this project, Oxford and Legend Power continue to evaluate voltage management target buildings within different asset classes for technology.



By the Numbers

Category	Performance
Reduced Consumption	314,213 kWh
Peak Demand Reduction	90kW
Annual GHG Reduction	57 tons
Enhancement to NOI	\$41,000
Return on Investment	3 year

Measured Energy Usage – One Week: kWh Consumption Before and After

