



Voltage Management Applied to an Educational Facility

Identifying and implementing new energy conservation solutions is important to Ontario's school boards. To combat budget constraints and further fund education programs, school boards look to energy conservation as a means to reduce operating costs.

The Toronto Catholic District School Board is a local leader in energy conservation. They installed Legend Power's Harmonizer voltage management solution in two post-secondary schools in 2014, netting reduced electricity bills by 5.25% and saving over \$19,000 per year.

Over the course of the Harmonizers' 10+ year life, the Toronto Catholic District School Board will save over \$190,000 from these two sites. TCDSB has since installed 13 more Harmonizers for energy savings.



By the Numbers

Category	Performance
Reduced Consumption	134,330 kWh
Peak Demand Reduction	45 kW
Annual GHG Reduction	27 tons
Annual Savings	\$19,000
Energy Bill Reduction	5.25%

"We are always on the lookout for new ways to reduce our schools operating costs. We are more than pleased with the achieved results and excited about future projects with Legend."

Khaled Elgharbawy – Toronto Catholic District School Board
Senior Coordinator of Maintenance and Energy Management

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

