



CATHOLIC DISTRICT SCHOOL BOARD OF EASTERN ONTARIO

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Shalom
Acting justly...
Living peacefully...
Celebrating joyfully!

CDSBEO Develops Renewable Solar Energy Projects

The Catholic District School Board of Eastern Ontario is pleased to announce the installation of roof level solar photovoltaic systems at three area high schools. The solar panel projects are at; St. John CHS in Perth, St. Thomas Aquinas CHS in Russell and St. Michael CHS in Kemptville.

Background:

The Board applied for funding aimed at reducing energy use and creating environmentally friendly learning spaces. This initiative was funded through the Ministry of Education, energy efficient schools program.

Upon approval of initial design reports, the Board proceeded with three solar photovoltaic renewable projects that were constructed in the summer of 2011.

Approach:

The three sites now have fifty, roof level, solar panels capable of producing up to 10 kWh of electricity. Instead of powering the building components, the system will return all electricity to Hydro One through the "Feed In Tariff, FIT program". The Board will be paid rates much higher than current billing rates.

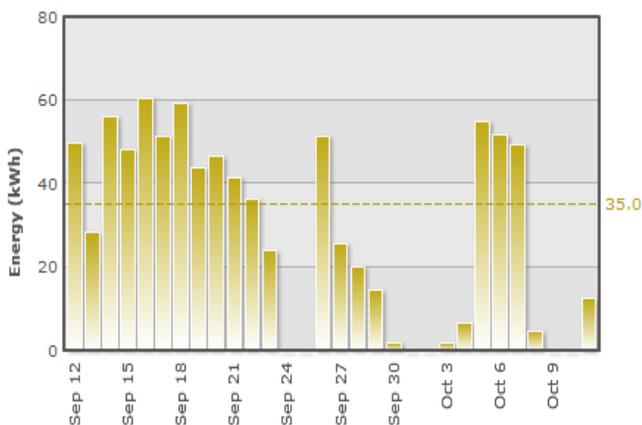


These projects are now generating electricity. The photo above shows the installation at St. John CHS in Perth. The expected life span of the system is about twenty years.

Educational Component:

The solar projects offer a wide range of educational opportunities for students at all levels. Schools may wish to expand their curriculums and witness firsthand the benefits of renewable energy technologies. Each installation includes a real-time web based monitoring system allowing schools to view electrical output in kilowatt hours and revenue. A sample of the monitoring system is shown below to the left.

ENERGY (Last 30 Days)



The Board looks forward to this opportunity and hopes that you share in the excitement. These projects will further enhance the overall culture of conservation and commitment to the environment. The Plant and Maintenance Department issues project updates which can be followed on the Board's GO site. You are also encouraged to visit our online energy tracking sites.

- St. John CHS: www.sjchs.solarvu.net
- St. Thomas Aquinas: www.starussell.solarvu.net
- St. Michael: www.stmichael.solarvu.net

>1Y 12M YTD 30D 7D 3D 24H Revenue

REVENUE CAD \$880.27 In Last 30 Days

ENERGY 1,098 kWh

