



# THE TOWN OF AMHERSTBURG

## RECREATION CENTER

### What is Solar Energy?

The Town of Amherstburg is *Going Green!* The sun is a powerful source of energy. The sun produces more energy in one second than humans have used since the beginning of time. Amherstburg will soon be entering into the world of solar with their roof top solar system. This project will be built on the roof the new Recreation Centre in Amherstburg, Ontario. Essex Energy Corporation will be providing full, turn key solutions for this project.



**Rooftop Solar Energy:**  
Generating a cleaner environment.

### System Specifications

- 500 kW DC Rated
- 650 MWh per year AC output
- 2500 Canadian Solar Panels
- 2 Power Inverters
- Grid Connected

### Carbon Savings

The system will prevent the emission of 218 Tonnes of Carbon Dioxide per year.

### This is Equivalent to:



129 cars and light trucks taken off the road.



77 homes powered for a year.



1,311 lightbulbs turned off for a year.



540 acres of forest absorbing CO<sub>2</sub>



636 People reducing power by 20%



Shut down all 5 Ontario Coal fired power plants for 5.1 minutes

