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## **SUSTAINABILITY AND THE SEMINAR SERIES**

### **POWER FROM RENEWABLE ENERGY SOURCES**

**Date:** Tuesday, February 5th, 2008  
**Time:** 3:00 p.m. – 4:30 p.m.  
**Location:** Lambton College - 1457 London Road, Sarnia, Ontario, N7S 6K4  
**Room:** N105  
**Cost:** Free

### **AGENDA**

#### **Introductions**

**Maike Luiken**, Ph.D., Chair, IEEE London Section,  
Dean, Applied Research, Business Development & Innovation,  
Sustainability Development

#### **Keynote:**

### **POWER FROM RENEWABLE ENERGY SOURCES**

#### **Keynote Speaker:**

**David McGarry** - President, Elecsar Engineering Ltd.

**Shanon Wilson** – Project Engineer, Elecsar Engineering Ltd.

#### **Questions and Answers and General Discussion**





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## **POWER FROM RENEWABLE ENERGY SOURCES**

The idea of electrical energy from renewable sources is not a new concept. Hydro-electric generators were among the original power generation units to supply electricity to people in the early 20<sup>th</sup> century. As the population grew the demand for cheap electrical power grew in direct proportion. Coal and oil became the fuels of choice to meet the mass demand for electricity. Now with the ever expanding world population growth and the advent to new technological devices demanding electricity, power generation from renewable sources are more important than ever. Developments in wind and solar technologies are changing rapidly and becoming more economical to use on a grand scale. Come and learn more about how these renewable technologies will play a role in the electrical generation of tomorrow. We will discuss pros and cons of the currently available renewable energy technologies including cost analysis, impact and technical specifications and issues.

### **BIOGRAPHY**

Mr. D.G. McGarry, C.E.T., President and CEO of Elecsar Engineering, brings a wealth of expertise (over 47 years) in the fields of control, relay and operation for high voltage electrical systems. In recent years with Elecsar, his expertise has been proven in technical negotiation with supply utilities, in detailed facility design and in providing operational training for transformer and generating stations and complex electrical systems. Elecsar Engineering has water power, energy from waste and solar power projects underway at this time.

