

**Specializing
In Innovative
Alternative Energy**



Areas of Specialization

- Energy Conservation
- Renewable Energy Generation
- Green House Gas Project Validation & Verification
- Energy Management Seminars
- International Renewable Energy Projects
- Educational Outreach

Contact

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Experience

- **20 years environmental monitoring and regulation**
- **11 years solid waste management**
- **10 years BioGas to Energy contract negotiations**
- **6 years eco-efficiency**

About Us

Renewable Energy Solutions Inc. is a consulting firm located in Calgary, Canada with international expertise in policies, practices and installations involving energy conservation and renewable energy generation.

Our mission is to foster the conservation of energy and the utilization of energy harvested from renewable sources, in order to minimize the environmental impact caused by society's consumption of energy.

The company's Founder and President is Ken Hogg, M.Eng., P.Eng. Ken's background lies in environmental protection and energy management. Following graduation in Civil Engineering from the University of Manitoba, he worked with the Ontario Ministry of Environment in Toronto, Ontario in various senior management positions in the regulation of pollution sources. During this time he also obtained his Master of Engineering (Environmental) degree from the University of Toronto.

From 1990 to 2001, he worked with Metropolitan Toronto as Chief Engineer in charge of landfills, composting and recycling facilities. He was directly involved in the development of the three landfill gas to energy projects in Toronto, namely Keele Valley, Brock West, and Beare landfills with power outputs of 33 MW, 18 MW and 5 MW respectively. In total, the annual Greenhouse Gas reduction achieved by the projects exceeded 2,000,000 tonnes CO₂e. The electrical power generated by the projects supplied approximately 56,000 homes.

In 2001, Ken moved to Calgary, Alberta and founded Renewable Energy Solutions Inc. Through consulting assignments and educational outreach, Renewable Energy Solutions Inc. promotes the utilization of energy efficient devices and the establishment of small decentralized energy projects which harvest renewable energy for heat and power. Ken lectures at the University of Calgary instructing the Renewable Energy Technologies course offered by the Faculty of Continuing Education.

Exciting technologies are emerging worldwide which offer solutions to control air emissions by deploying sustainable energy systems. These systems tap power from the sun, the wind, rivers and ocean environments, and capture heat from the sun and the earth as well as heat rejected and wasted from inefficient power generation processes.

The transition to an energy future which embraces not only large centralized power plants but also small decentralized energy systems will not happen overnight. But a sea change is occurring as prices for fossil fuels increase, and the costs of renewable energy technologies drop, thereby empowering individuals to select the means and amount by which they can reduce their energy footprint and environmental emissions.