

Community Partnerships and Sample Installations

Rawlinson Community School, Toronto

Launch of the Adler Renewable Energy Foundation's Solar Schools Environmental Education Initiative in November, 2007. ARISE Technologies was selected to supply and install an SOP-connected 1 kW PV system, which will provide income for the school and be incorporated into the school curriculum.



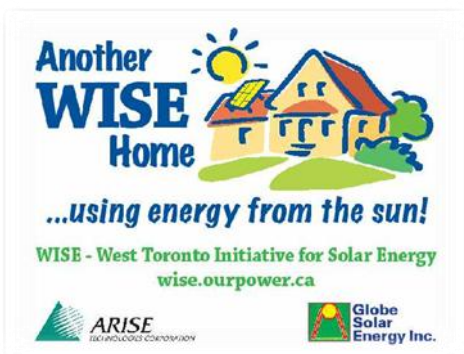
Rockway Mennonite Collegiate, Waterloo

In December 2007 ARISE co-sponsored and installed a 1 kW PV system. Funds for the project were also provided by a student fundraising campaign, TD Friends of the Environment, KW Community Foundation, and the Elora Centre for Environmental Excellence. Rockway students will have the opportunity to monitor, record and analyze solar energy performance and study its application in the energy mix.



Canada's First Solar Neighbourhood

These homes represent the first demonstration of community-scale photovoltaic (PV) systems in Canada. Working with a new home builder, ARISE has developed a building integrated photovoltaic (BIPV) system with refinements specific to the Canadian climate.



West Toronto Initiative for Solar Energy (WISE)

Ontario's largest community, bulk-buy initiative to date. As the selected vendor for PV systems connected under the new Standard Offer Program, ARISE Technologies successfully worked with all stakeholders to quickly execute a large scale residential rooftop initiative. Nineteen of 20 homes scheduled for 2007 installations are now in commercial operation, with another eight installations (to date) scheduled for 2008.

Darchei Noam Synagogue

Toronto, Ontario

Project Description: A self-ballasted 3.5kW system installed on the white, reflective roof membrane of Canada's greenest synagogue. This system fulfilled the project requirements to mask the rooftop HVAC components from view, and not penetrate the roof membrane. The array withstood gale force winds in January 2008, one week after completion of the installation. The solar panels will generate about 5,000 kWh of clean energy per year. This beautiful structure is a leading example of the emerging all-faiths green religious movement, Faith in the Common Good.



Rawlinson Public School

Toronto, Ontario

Project Description: This SOP-connected 1 kW demonstration system is part of the Solar Schools Environmental Education Initiative. The Toronto District School Board requested a system that was visible but out of harm's way; ARISE installed a high, vertical wall-mounted system.



96 Ilford Avenue

Toronto, Ontario

Project Description: A 2 kW flat roof WISE project installation. To ensure a secure installation, the bow in this roof was levelled with sleepers, which were then incorporated into the roofing system to make it leakproof. The panel configuration is designed to avoid shading from the peaked roof to the south.



31 Pinewood Avenue

Toronto, Ontario

Project Description: A 2.2kW flush-mounted WISE installation. This system was designed and installed to incorporate the existing skylight on the south-facing slope.

