

COMMERCIAL PROJECTS



Project: William Fremd High School,
Palatine (Chicago area), Illinois
Indoor swimming pool heating
Scope of Work: 100 Premier Efficiency Collectors
Project management
Estimated Annual Output: 270,416 kWh/year
Energy Displaced: Natural gas
Estimated Cost of Solar Energy Supplied (after rebates):
25 years: 65¢/therm or 23¢/m³ (equivalent)
Estimated GHG Reduction: 83,249 kg/year
Project Status: Commissioned September 2008
Project Partners: General Energy



Project: Toronto Hospital for Sick Children
Domestic hot water
Scope of Work: 92 Premier Efficiency Collectors and
Energy Terminal
Turnkey installation
Estimated Annual Output: 205,000 kWh/year
Energy Displaced: Natural gas
Estimated Cost of Solar Energy Supplied (after rebates):
25 years: 68¢/therm or 24¢/m³ (equivalent)
Estimated GHG Reduction: 63,110 kg/year
Project Status: Installed in Spring 2009
Project Partners: Mondial Energy under PPA agreement;
Glenbarra Energy (project management)



Project: Frito-Lay, Dallas, Texas
Domestic hot water
Scope of Work: 44 Premier Efficiency Collectors
Estimated Annual Output: 126,161 kWh/year
Energy Displaced: Natural gas
Estimated Cost of Solar Energy Supplied (after rebates):
25 years: 91¢/therm or 32¢/m³ (equivalent)
Estimated GHG Reduction: 38,839 kg/year
Project Status: Installed in January 2008
Project Partners: Class One Solutions