

Ameresco implemented a comprehensive Energy Performance Contract in 34 schools, reducing total utility consumption by 24%.



An Elk Island Public School - F.R. Haythorne Junior High School

Energy Savings Program

Project Measures

- Comprehensive lighting system upgrade
- Building Automation System installation, upgrades and replacements
- HVAC and boiler plant upgrades
- Chiller replacement
- Water conservation
- Building envelope upgrades

Project Benefits

- Reduction in deferred facility renewal backlog paid for through energy-costs savings
- Improved comfort and lighting quality
- Greenhouse gas emissions reduced by 23,376 metric tonnes (30% reduction)
- Standardized equipment inventory and operational practice
- Improved environmental awareness through results tracking and reporting

Annual Projected Savings

- Actual Savings: \$805,000
- Energy Savings: 40,303 GJs gas (25% reduction) 5,761 MWh electrical (32% reduction)

- Guaranteed Savings: Yes

Project Highlights

- Contract Value: \$5.7 million
- Total Square Footage: 2.8 million
- Simple Payback: 12 years
- NRCan Incentive: \$250,000

Project Schedule

The project implementation began in April 2003 and was completed in August 2004, on schedule.

For more information about Ameresco and Better Schools™ please contact Craig Piercy at 1-888-483-7267. Visit us online at www.ameresco.ca.

