

This project involved efficiency upgrades in eight regional healthcare facilities in southwestern Alberta.



Chinook Health Region, Alberta

Energy Savings Program

Due to restricted access to capital and internal competition for the limited capital available, this project was limited to a 5-year term, which narrowed the scope to shorter payback measures.

Project Measures

- Comprehensive lighting upgrades throughout
- Installation of new BAS in six buildings and reprogrammed/expanded two existing BAS systems
- Automated hydronic boiler isolation and optimization to reduce standby losses and cooling loads in adjacent areas
- Steam heat exchangers to reduce hot water boiler operation during low loads
- HVAC modifications including automated zone isolation dampers and VSDs
- New motors
- Training

Project Highlights

- Project Value: \$1.2 million
- Total Square Footage: 530,000
- Project Payback: 5 years
- Incentives: NRCan Energy Innovators Grant

Annual Project Savings

- Project Savings: \$231,000
- Actual Utility Savings: \$269,000
- Energy Savings: 2,565,000 kWh, 20,450 GJ
- Greenhouse Gas Reduction: 3,500 tonnes

Project Schedule

Project implementation began in March of 1998 and was completed in April 2000 on schedule and on budget.

For more information about Ameresco and Better Healthcare, please contact Craig Piercy at 1-888-483-7267. Visit our website at www.ameresco.ca.