

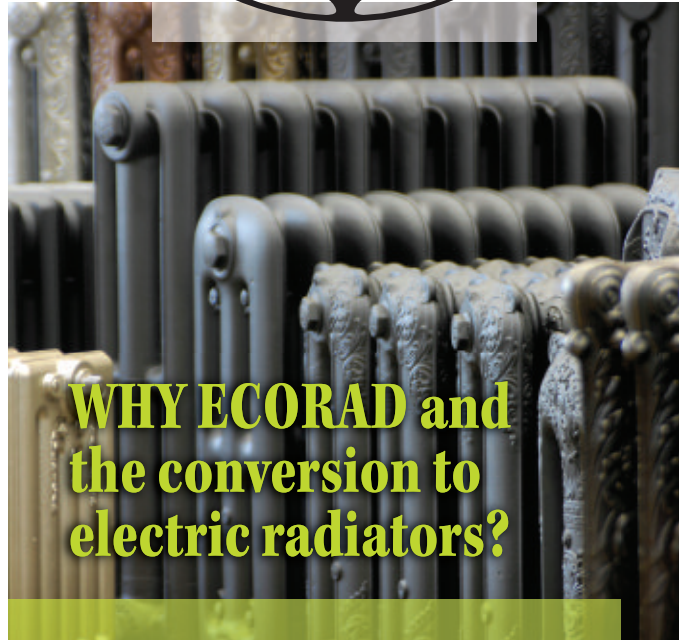


With the financial support of:



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WHY ECORAD and the conversion to electric radiators?

To commercial, institutional building manager and specialist in building maintenance

REUSE
REDUCE
RECYCLE

ecorad.ca

- **24% Energy saving¹**
- **45% Overall saving²**
- **Large reduction of CO₂e emissions**

The performance of the ECORAD technology

The Radiators

- Cleaned inside
- Water jet paint removal



- Specially manufactured electrical insert
- Matte black finish
- Easy to install

Elimination of the Central System

- Maintenance costs eliminated
- Contaminant removed
- Reduces the risk of fire and water damage
- If applicable, moisture issue eliminated (steam radiators)

The expertise

- Calculation of heat output according to the original manufacturers' specifications
- Personalized plan
- Balanced zoning plan
- Transport and specialized handling (available in most areas)



Power Control System

- Heating zones
- Personalized control
- Limiting the power demand
- User friendly easy to manage



¹ According to the report by the engineering firm Econoler on energy savings assessment at Eglise Sainte-Anne-de-la-Pérade, QC April 2013. For the period of one year.

² The Parish Newsletter of Fabrique of Sainte-Anne-de-la-Pérade, March 31, 2013

CASE STUDY

ECORAD's conversion at the Church of Sainte-Anne-De-La Pérade

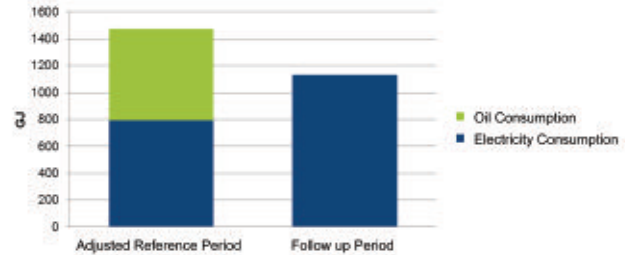


Scenario

The church has **41 radiators** connected to an oil-fired boiler.

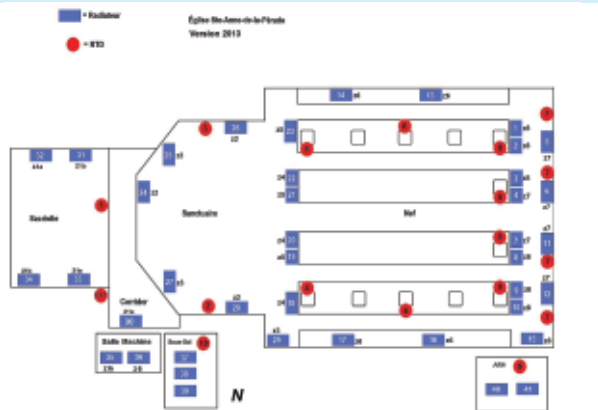
Savings (1 year)

- Reduction in energy consumption of 24%
- Minimum cash savings of 30% (excluding maintenance costs of the oil system)
- Reduction of greenhouse gas emissions (GHG) by 48 tons CO₂e



Contributors

- **ECONOLER**, an independent engineering firm located in Québec, analysed the performance of the ECORAD technology according to the International Protocol of Measurement and Verification of Energy Performance (IPMVP).
- The Québec Agency for Energy Efficiency (AEE) with financial assistance of **Québec government** aid program for energy innovation (PAIE).



Project Summary

- Restoration and electrification of the radiators.
- Installation and programming of the intelligent control system.
- Comparative analysis of data from 2011 to 2013.



OTHER SERVICES

- Sale of radiators for central systems water / steam
- Restoration and size adjustment of radiators
- Stripping radiators according to the paint removal process standards of Heritage Canada
- Purchase radiators



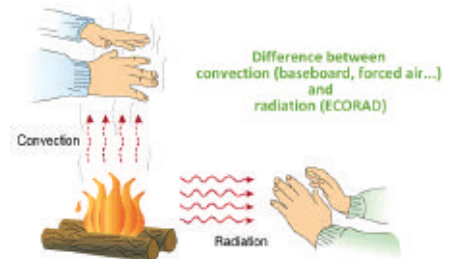
SPECIFICATIONS

All voltages

Units between 250 and 5000 Watts

10 year limited warranty

CSA certification



“ A saving of \$21,798 (45%)
for heating costs of the
Church in 2012, BRAVO! ”

*Parish Newsletter, of Sainte-Anne-de-la-Pérade,
March 31, 2013*

Contact us for more information
or visit our web Site

ecorad.ca