



== MONTRÉAL ==
COST MANAGEMENT AND COST ENGINEERING
AACE International – MONTREAL SECTION
Tuesday, March 10, 2009

**Project Cost Stability Using Innovative 3D/4D/5D Technology,
a Benchmarking System and Risk Analysis**

Speakers: Luc Gendron, ing., Chantale Germain, ing., Josée Hamel, ing.

Luc Gendron, Chantale Germain and Josée Hamel are estimators with Hydro-Québec and are involved with planning and cost estimating of new hydroelectric installations. In the course of their work, they investigate and utilize the latest technologies with a view to continuous improvement of the mandates of their team.

The objective of the “Proposition Estimation” team is to maintain the cost of a project within an acceptable limit during the complete project life cycle (from design to completion).

The following methods were identified and implemented to meet this challenge:

- Maintain an adequate level of data relative to the required accuracy of each type of estimate during the project life cycle phase (typical template).
- Improve the accuracy and reliability of estimating and planning (CATIA/DELMIA).
- Keep a reliable database (Benchmarking and job site feedback).
- Implement risk evaluation (Risk analysis system).
- Understand the market and forecast inflation.

The presentation will introduce certain tools used to support these methods. The latest developments related to 3D, the integration with estimating data (5D) and planning (4D) with the aid of CATIA/DELMIA (software), and the introduction of an in-house benchmarking and a risk analysis system will be covered.

Come out and join your colleagues, exchange ideas and expand your network.

Snack is served from 5:30 pm Meeting from 6:00 to 7:30 pm

**Location: Hydro-Québec – 855 Ste-Catherine Street East, 2nd floor
Salle Dutilly-Lepage – Montréal**

The presentation will be in French

Cost: AACEI and PMI Members: \$ 20 Students: \$ 10 Non-Members: \$ 25

PAYMENT BY CASH OR CHEQUE MADE TO THE ORDER OF AACEI MONTREAL. THANKS.

**Please confirm your presence by Friday March 6, 2009
to Celina Ma**

by fax: (514) 937-0096

by e-mail: mac@tardifmurray.com

Your Name and Company: _____

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