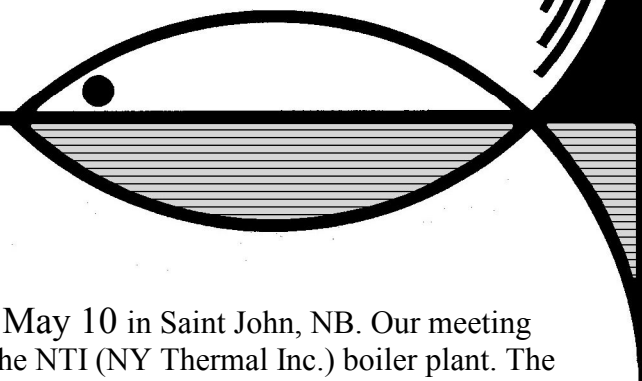


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Our next meeting is scheduled for May 10 in Saint John, NB. Our meeting will consist of a technical tour of the NTI (NY Thermal Inc.) boiler plant. The tour will begin at 3:30PM. Directions to the plant follow on the next page. This is a working manufacturing facility, so members are encouraged to bring safety boots, glasses, and a hard hat.

Student members looking for drives to Saint John, or other members who have available space in their vehicles, are asked to please contact Mathieu Breau at mbreau@mcw.com.

Executive Meeting Notice

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 12:00 PM at the Moncton Construction Association.



Dan Boudreau (R), Chapter 2010 Research Promotion Chair, received the Hayward Murray Award for his leadership and fundraising ability, having raised \$10,052 for ASHRAE Research Canada. He exceeded his fundraising goal by over 125%. He received the award from Region II Regional Vice Chair for Research Promotion David Rasmussen.

N.B. P.E.I. Chapter ASHRAE, P.O. Box 1629, Moncton, N.B. E1C 9X4

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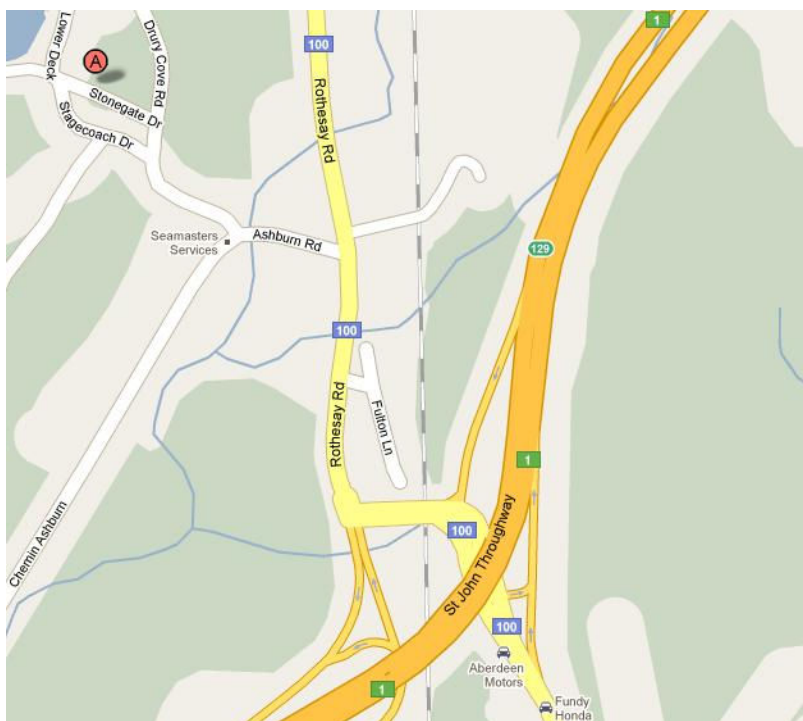
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Frédéric R. Desjardins,
P.Eng., LEED® AP
Mechanical Design Engineer

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

Directions to NTI Plant in Saint John



The plant is located at 30 Stonegate Drive in Saint John. Drivers from outside Saint John can follow Route 1 to Exit 129 (Rothsay Avenue). The facility is denoted above by the circled "A".

2011 ASHRAE Annual Conference

The 2011 ASHRAE Annual Conference will be taking place within our region (Region II), in Montréal. The conference will take place from June 25-29. The conference will include a plenary meeting, technical committee (TC) sessions, technical programs, seminars through the ASHRAE Institute, and much more. The plenary meeting will include a keynote address by Rob "Waldo" Waldman, a former USAF combat pilot and business and leadership speaker. More information can be found at www.ashrae.org/montreal.



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Summary of April Meeting

We were privileged to have two outstanding presentations by ASHRAE distinguished lecturer, Victor Goldschmidt. Twenty-five people attended the regular meeting and heard Victor's take on *Sustainability in the Context of Power Plants*. We also welcomed David Rasmussen, Regional Vice-Chair for Resource Promotion. The next afternoon, Victor led a lively interactive workshop on *Problem Solving and Creativity* for 19 people at NBCC Moncton. We were pleased to welcome members of the Moncton Branch of APEGNB to both sessions, and Doug Scott and students from NBCC Saint John on Wednesday.

On Tuesday evening, Victor reviewed ASHRAE's mission statement and core values while exploring various definitions of "sustainability". He considered the three sectors of "stability" – environment, social and environment. Sustainability is met when these three sectors overlap. He compared installed costs of various "sustainable" energy systems, using data from EPRI.

	Geothermal	Wind	Biomass	Photovoltaic
Capacity (%)	80 – 90	32 – 42	85	25
\$/MWh	55 - 87	75 - 96	105 - 107	481 - 526

He concluded that wind and solar PV generation proposals must consider capacity factors **and** the need for some backup power as well.

Anyone wishing a copy of Victor's papers on *Sustainability and Electrical Energy Production* or *Problem Solving in Engineering* may email Dwight Scott at [dwightgscott@gmail.com](mailto:dwrightgscott@gmail.com).

Annual Lobster Party

The Chapter's annual Past President's Night Lobster Party and Boat Trip will take place at the Cocagne Marina on Saturday, June 18. Details regarding tickets and menu will be forwarded in the weeks to come.

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NB/PEI ASHRAE Chapter Meeting Schedule 2010/2011

May 10, 2011

Technical Tour w/ NBCC Moncton and NBCC Saint John students

Topic: Tour of NY Thermal plant in Saint John, NB

June 18, 2011

Past President's Night – Boat Trip and Lobster Party

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