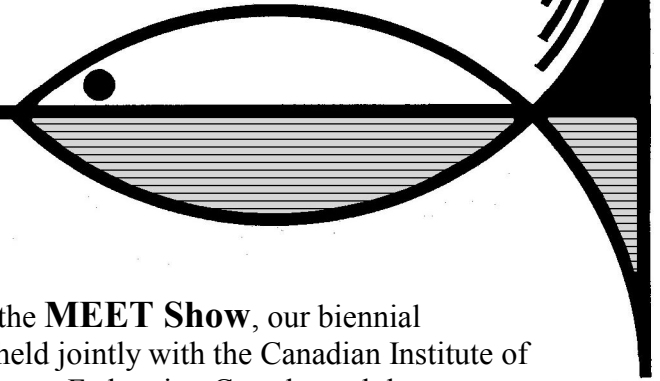


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NB PEI CHAPTER



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Our next Chapter meeting will be the **MEET Show**, our biennial mechanical/electrical trade show, held jointly with the Canadian Institute of Plumbing and Heating (CIPH), Electro-Federation Canada, and the Illuminating Engineering Society (IES). The show runs on May 2 and 3 at the Moncton Coliseum (Moncton, NB) from 9:00 AM-5:00 PM each day.

Our chapter will be sharing a booth with our sister chapter from Halifax. The ASHRAE booth will be located in the Upper Concourse area in Booth 107. The ASHRAE booth will be educating attendees about the benefits of our society as well as signing up new members.



Chapter President Kevin Clannon (R) presents ASHRAE Distinguished Lecturer Verle Williams with a gift following Williams' presentation at our April Chapter Meeting. A summary of the presentation is found below. A full copy of the presentation can be obtained by e-mailing Yves Savoie at [yves.savoie@exp.com](mailto:yves.savoie@exp.com). Video links to the presentation are provided in the following pages.

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

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

## Summary of April Meeting

The April meeting was a packed house with 33 people in attendance. The topic for presentation was: Sustainability with a Successful K-12 District-Wide Energy Conservation Program. A case study of San Diego Unified School District's District Energy Efficiency Program / Facilities Improvement Projects was explained from conception to completion.

A Master Plan including the following was developed:

- Standards & Policies
- Energy Efficient Standard Specifications
- Maintenance Strategies
- Planned Maintenance Program
- Equipment Condition Survey/Audit
- Project Feasibility
- M&O Staff Training
- Energy Awareness Program for School
- Staff, Teachers, Students and Parents
- Project Management (Design-Build?)
- Construction Management
- Develop Mechanical Equipment Database
- Obtain Management support

The next task was to develop a Project Motto and plan the project in detail, which included broadly:

- Lighting- Inside, outside & exit signs
- HVAC – Replace/Upgrade very old units that are in poor condition, some being even inoperative
- EMS – Centralized control of entire district
- Water- Domestic & automated irrigation control

Each element was discussed in detail with estimated total project cost, annual savings realized, intangible benefits derived and time line maintained. System upgrades to fit the tight time line and existing roof openings were highlights of the project. It was a presentation filled with a lot of interesting information and details and it was absorbing. The presentation was followed by some questions and answers.

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## MEET Show Seminar Schedule

*All seminars take place in Meeting Room 'A' – Coliseum Complex*

### Wednesday, May 2

**10 AM 'Where are we now?'** – Reviewing Lighting technology both today and the near future. A discussion on the direction Lighting Technology is taking and why. - Derek Bussey, Cooper Lighting, Canada

**11 AM 'Transforming an Older Facility into a High Performance Building'** – Most buildings, new or old, do not perform anywhere near their most efficient potential. HVAC systems deteriorate with time. Find out what to look for relative to improving the efficiency of the HVAC and lighting systems in a building, learn how to do it at minimum cost by taking advantage of incentives and rebates, and learn how to keep it performing at its potential to save your owner operating and utility costs. - James Newman

**1:30 PM 'Fundamental energy issues/challenges; Status on the 'Maritime' electricity industry & provincial policies; regional wind installations and the Lower Churchill interconnection; and Tidal energy progress'** – John Woods, V.P., Energy Development, Minas Basin Pulp & Power Co. Ltd.

**2:30 PM 'Efficiency NB – New Commercial Building's Core Performance Guide / Residential Energy Efficiency Program Presentation'** – This presentation will provide a high level overview of Efficiency NB's Commercial Sector incentive programs before focusing on the Commercial Sector's Core Performance Guide, Efficiency NB Edition.

### Thursday, May 3

**10 AM 'Where are we now?'** – Reviewing Lighting technology both today and the near future. A discussion on the direction Lighting Technology is taking and why. - Derek Bussey, Cooper Lighting, Canada

**11 AM 'Mitsubishi Electric Vehicle – The EV is unique'** – It has both capabilities and characteristics to make it the ideal sustainability choice, in both commercial and residential applications. Knowing these capabilities and characteristics and comparing them to the user's needs can determine an EV's suitability.

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## MEET Show Seminar Schedule - Continued

*All seminars take place in Meeting Room 'A' – Coliseum Complex*

**Thursday, May 3**

**1:30PM 'Efficiency Nova Scotia'** – Efficiency Nova Scotia is a new organization responsible for developing and administering programs that help Nova Scotians reduce their energy consumption and improve their energy efficiency. Efficiency Nova Scotia offers financial incentives, technical assistance and financing to make it easy and affordable for businesses to improve energy-efficiency. Join Michael Archibald, Business Development Manager, to learn how these programs can help you save energy and money.

**2:30 PM 'Green Practices and ASHRAE Standards 90.1 and 62.1 – How to Have a Healthier, More Profitable Building with Better Mechanical/Electrical Design (and More Thought to the Building Envelope)'** – Learn how to surpass the ASHRAE Standards to refine and better maintain your mechanical and electrical/lighting systems. This will help conserve energy, enhance the health, well-being, and productivity of the occupants of your clients' buildings, and save (read that “make”) money for your client, the building owner – James Newman

## Video Links to April ASHRAE Distinguished Lecturer Presentation

In addition to the available PDF of the presentation at the April Chapter meeting, the following are links to online videos of the presentation:

Part One: <http://vimeo.com/botsfordproductions/review/40317779/7dffc328f1>  
 Part Two: <http://vimeo.com/botsfordproductions/review/40317942/fd5cb9bff3>  
 Part Three: <http://vimeo.com/botsfordproductions/review/40318698/11e070d3a3>

## ASHRAE Start Smart Program

Are you student about to graduate, or do you know a student about to graduate, and looking to begin a career in HVAC? ASHRAE offers the Start Smart program, which provides discounted society memberships for new grads. Information about the program can be found at: <http://ashrae.org/membership--conferences/student-zone/membership-and-meetings/ashraes-smartstart-program>



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## NB/PEI ASHRAE Chapter Meeting Schedule 2011/2012

May 2-3, 2012

MEET SHOW (Visit: <http://www.masterpromotions.ca/Previous-Events/meet-2012/>)

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Topic: Alternative Energy

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