



Green Jobs Team – Energy Internship Project Meeting

July 28th, 2009 @ 1:30 p.m. to 2:30 p.m.

GTAA Admin Building, 3111 Convair Drive, Mississauga, Rm. 1120.

In attendance: *Chris Rickett (TRCA), Chandra Sharma (TRCA), Jinho Lee, (TRCA), Dennis Braun (TRCA), Peter Corbyn (APMA), Kerry Johnston (Humber College), Rocco Fondacaro (University of Waterloo) and Valerie Wilson (University of Waterloo).*

Regrets: *Bill Humber (Seneca College).*

1. Introductions

2. Overview of existing co-op programs related to energy management at each institution

- *Humber College*

- Have co-op students that can be recruited from: Sustainable Energy Program, HVAC Program, Civil Engineering Program, Architecture Program, and Interior Design Program.
- Co-op program runs only through summer vacation months. The positions are posted online starting in January to prepare students for the summer work term.
- Reporting from the co-op student and employer is required to identify work performed, work quality/relevance to field of study, and general ranking of student and employer.
- Uses NAICS and SIC codes to find companies interested in hiring co-op students.

- *University of Waterloo*

- Facilitates three co-op work term per year.
- Have co-op students that can be recruited from: Civil Engineering Program, Mechanical Engineering Program, Electrical Engineering Program and Environmental Engineering Program.

- Students and employer rank each other on work related issues. These records are used find the best match for the student and employer.
- Companies are located through existing and gathering of new networks to find co-op placements. Currently experiencing shortages of companies to hire co-op students.

ACTION ITEM: TRCA to share Partners in Project Green's network of companies to Humber and University of Waterloo to promote their co-op programs.

3. Development of framework for joint marketing strategy in the Pearson Eco-Business Zone

- The need for this to be more than a co-op program was highlighted by Peter Corbyn. The program should provide companies with opportunities for solid cost reductions and the student with real-life opportunities for assisting a company in reducing its energy costs.
- A workshop and mentoring program should be developed to ensure the students and companies get the most value from the program, but more importantly receive ideas on reducing energy costs from other companies utilizing utilizing the program.

ACTION ITEM: TRCA to develop a framework for the program that includes mentoring possibilities.

4. Overview of opportunity with Auto Parts Manufacturers Association and Natural Resources Canada

- Peter Corbyn of APMA indicated a need for co-op students to utilize their program to audit energy efficiency in buildings.
- The program proposes to perform inventory of all electricity consuming devices to filter inefficient processes within the facility step by step. It also has a dynamic web based application that features: a CO2 emission calculator; an inventory tool to organize electricity consuming devices; and tools to identify opportunities to save money.

ACTION ITEM: TRCA, Humber College and University of Waterloo to assist in connecting co-op students to work with the APMA on auditing energy efficiency in buildings.

5. Next steps

- Finalize framework of Energy Internship Program for review by end of August 2009.