WANTED AS SOON AS POSSIBLE
A POST DOCTORAL FELLOW
And
A PhD CANDIDATE
IN MECHANICAL ENGINEERING
AT DALHOUSIE UNIVERSITY IN
HALIFAX, N.S. CANADA

TO WORK ON A PROJECT WITHIN THE NSERC SMART NET-ZERO ENERGY BUILDINGS STRATEGIC RESEARCH NETWORK.

- The PDF is required to have extensive experience with ESP-r and will work on expanding the Canadian Hybrid Residential Energy End-use and Emissions Model (CHREM) to include capability to model technologies required to achieve NZE status, and configuring the ESP-r/TRNSYS platform to simulate the selected technologies.
- The funding for the PDF (about 45,000 Can$/year) is for one year, with a possibility for extension.

- The PhD candidate is expected, but not required, to have extensive experience with ESP-r and will work on the development of feasible approaches, policies and strategies to achieve, encourage and support the conversion of existing buildings into NZEBs using the expanded CHREM.
- The funding for the PhD candidate (about 27,000 Can$/year) is for three years.

If interested and qualified please send:

- a 200-300 word statement describing your experience and aspirations, and stating when you are available to start;
- an up-to-date curriculum vitae, and
- an electronic copy of your transcripts (not necessarily official)

To:

V. Ismet Ugursal (Ismet.Ugursal@Dal.Ca)
Professor of Mechanical Engineering
Dalhousie University

August 1, 2011