

RETScreen® Expert for Renewables and Energy Efficiency

Toronto · May 1-2, 2017 · \$495



SYNOPSIS: An in-depth, 2-day course on the use of RETScreen® Expert to analyse proposed renewable and energy efficiency projects, and then to track their ongoing performance.

TOPICS: As much as possible, courses will be tailored to the interest of the audience members. Interpretation of financial analysis and GHG emission reductions outputs will be covered. Case studies may include:

- residential or utility-scale grid-tied PV systems
- grid-tied wind or hydro projects
- solar air and water heating
- conventional power generation (e.g., steam turbines)
- biomass combustion systems
- lighting retrofit projects
- building envelope improvements
- building mechanical system improvements
- managing a portfolio of facilities



SOFTWARE: Natural Resources Canada's RETScreen Expert, released in October 2016, is the latest version of the world's leading clean energy management software. While it is available for free download in "viewer mode", course participants will receive a key that unlocks its full capabilities for 90 days. Visit www.retscreen.net.

DAY 1:

- An introduction to (pre)feasibility analysis
- A demonstration of RETScreen's capabilities for a grid-tied PV project
- One or two case studies related to grid-tied power projects using solar, wind, or water power
- GHG Emissions reductions calculations
- One or two case studies related to conventional power generation, biomass combustion or solar air & water heating

DAY 2:

- Financial analysis with RETScreen Expert
- Building lighting retrofit case study
- Building envelope case study
- Introduction to performance analysis
- Building energy consumption tracking
- Tracking performance of a portfolio of facilities

Audience requirements: No prior knowledge of RETScreen assumed. Participants should bring a Windows laptop with RETScreen Expert installed on it.

Trainer: Michael Ross, BAsC, has taught over 60 RETScreen courses in Canada, the USA, Europe, Africa, and South America.

Dates: May 1 & 2, 2017

Location: Ramada Plaza Hotel, 300 Jarvis Street, Toronto, Ontario, M5B 2C5

Included: Case study handouts, 90 day software key, lunch, tea/coffee

Cost: \$495 (\$395 for students) plus HST

Registration: Write retscreencourses@rerinfo.ca Indicate specific topics of interest and your background. Also indicate whether you will pay by credit card or cheque, and an invoice will be returned to you.