



Achieving Net Zero: Renewable Energy Options to Get You There

Learn to achieve net zero with available technology!

With Instructors Svend de Bruyn and Erik Janssen of TRCA

Date: Wednesday Nov29, 2017

Location: BILD Offices
20 Upjohn, Toronto, ON

Time: 8:30 AM-4:00 PM

Until Nov 8, 2017:

\$199 + HST HBA member early bird

\$249 + HST non-member early bird

Registration: www.enerquality.ca/training

You've decided to build net zero, or lean that way, but want to know more about achieving it with available technology.

Join **EnerQuality** and **Toronto and Region Conservation's** resident technical experts for a one-day training workshop for builders on renewable energy options in residential housing, and mechanical systems that work in tandem to achieve net zero.

The first half of the day will provide a basic understanding of the ins and outs of Photovoltaic systems: components, installation considerations, contractors, cost vs payback, etc. Keeping in mind that harvesting sunlight and converting it to electrical energy is only the first half of the equation needed to meet a net zero home's requirements, in the second half case studies by TRCA will highlight how strategies to leverage harvested solar energy can be used to optimize mechanical system performance.

Attendees will learn about:

Photovoltaics: Electrical grid connection topology, Photovoltaic system technology, Installation considerations, Economics, Qualifying contractors, Qualifying materials, etc.

Mechanical Systems: Heat pump basics, Ground source heat pumps, Air source heat pumps, Air source water heaters, Solar hot water systems, Hybrid energy systems, etc

Who should attend: Builders • Contractors • Architects • Project Managers • Developers • Consultants • Technologists • All those responsible for building high performance homes

This workshop satisfies OAA and OBOA and other Continuing Education Credits

Questions? Please call 416-447-0077 or email Jessika@EnerQuality.ca.

EnerQuality is the award-winning #1 certifier of energy efficient homes in Canada. Visit www.enerquality.ca for more details.

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