



## Énergie NB Power

NB Power will cover the full cost of this workshop for First Nations.

# R-2000\*

Take this Workshop, Build and Certify an R-2000 Home and Become a Licensed R-2000 Builder.



This Training is Beneficial to Anyone Interested in Becoming an ENERGY STAR® Builder.



Take this Workshop, Build and Certify a Net Zero or Net Zero Ready Home and Become a Qualified CHBA Net Zero Builder.



This Workshop is a Requirement for the CHBA NB Master Builder Designation.

"Your Environmental Trust Fund at Work"



## INSTRUCTOR



Lauren Lipka, Technical Energy Advisor, NB Power

Lauren is a licensed energy evaluator and an experienced trainer for ENERGY STAR®, R-2000, Net Zero Ready and Net Zero Housing.

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THIS WORKSHOP IS BEING DELIVERED BY THE CANADIAN HOME BUILDERS' ASSOCIATION, A LICENSED SERVICE ORGANIZATION OF NATURAL RESOURCES CANADA FOR THE ENERGIGUIDE RATING SERVICE, R-2000, ENERGY STAR® AND A LICENSED CHBA NET ZERO SERVICE ORGANIZATION.

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# Residential Building Science Workshop

**Build Your Houses to a New Level of Energy Efficiency! This is the Training Required for ENERGY STAR®, R-2000, the CHBA Net Zero Home Programs and the CHBA-NB Master Builder Program**

This 3-day workshop will provide information that is designed to enhance your knowledge of Building Science. It will provide an overview of the latest technologies required to build an energy efficient house for today's energy efficient conscious consumer.

## Who Should Attend This Workshop:

Builders, Building Officials, Architects, Engineers, Energy Advisors and anyone wanting to increase their knowledge of energy efficiency and home construction and renovation.

## The Areas of Technical Focus Covered Will Be:

- Optimized Building Envelopes
- Wall Assemblies Including Air Barriers & Insulation
- Windows & Doors for our Region & High Performance
- Mechanicals for Low-Load Homes
- Electrical Base-loads, Heating, Cooling, Ventilation, & Domestic Hot Water
- Requirements of the CHBA Net Zero Energy (NZE) Labeling Program (for both the builder and the home)
- Basic Principles, Concepts and Solution of Building Science, Including House-as-a-System
- Advanced Building Science Practices and Technologies Required to Move Beyond an R-2000 Home to Meet Net Zero Performance, Including the Energy Related Metrics
- Current Market Opportunities for Net Zero Homes & High Performance Homes
- Renewable Energy (PV vs. solar thermal, energy storage, dashboards)
- Incentives Available and Incentive Criteria
- A comparison of the Energy Efficiencies of Code Built Homes versus ENERGY STAR®, R-2000, Net Zero Ready & Net Zero

## This Workshop is a Requirement for Anyone Wanting to:

- Become A Licensed R-2000 Builder
- Become A Registered ENERGY STAR® Builder
- Meet the Requirements of the CHBA-NB Master Builder Certification Program
- Achieve their Certification as a CHBA Net Zero Builder

## Location

Moncton – Feb 11-13, 2020  
8:30 am - 4:30 pm Daily

Cost \$675 + HST

## Registration Deadline:

January 30, 2020 - Moncton

Everyone is Invited to Attend this Training

Cancellation: All cancellations must be received prior to the registration deadline in order to receive a refund. All cancellations received after the deadline will not be eligible for a refund.