



Energy Star



What are Energy Star qualified new homes?

In 2005, NRCan expanded the Energy Star initiative in Canada to include energy-efficient new homes being built in Ontario. Energy Star qualified new homes are approximately 30 to 40 percent more energy efficient than those built to minimum Ontario Building Code standards. The increased efficiency of these homes translates into reduced energy costs for homeowners.

What's Involved?

Typical energy efficiency measures for these new homes include

- Insulation upgrades
- Higher-performance windows
- Better draft proofing
- More efficient heating, hot water and air conditioning systems
- Sealed ducts for better air distribution
- Energy Star qualified appliances (if supplied by the builder)

The benefits to the new homeowner

- Lower energy bills
- Improved comfort
- Government-backed quality assurance
- Lower impact on the environment
- Higher resale value

Greene Homes Energy Star Specifications

- Heat Recovery Ventilator (HRV), Energy Star® labeled.
- Drain water heat recovery system.
- High efficiency gas furnace with up to 95% AFUE.
- Ductwork is sealed to meet Energy Star® guidelines.
- 2 x 6 Exterior wall construction with R20 batt insulation + R6.5 insulated sheathing.
- Air barrier house wrap.
- R50 Attic insulation.
- R20 full height basement insulation.
- Energy Star® tankless hot water on demand system (rental).
- Energy Star® bathroom fans vented to the exterior.
- Insulated electrical boxes on exterior walls.
- CFL light bulbs where applicable.
- Energy Star® windows, **triple pane** with low-e and argon gas (may exclude some basement & specialty windows).
- Low Flush water saving toilets.
- Onsite, third party testing and inspections to verify the energy efficiency measures, as well as insulation, air tightness, and duct sealing details.