



Homes that save money
...and the planet.



Maple Leaf Homes



BOSCH

Invented for life

Efficiency New Brunswick and Martell Home Builders to open Atlantic Canada's first ECOmmunity, August 21 in Moncton: public welcome

*Homes' 80%+ energy cost savings can help knock more than 5 years off a 25-year mortgage
New EcoPlusHomes can reduce CO₂ emissions by 85%*

Moncton, NB (August 15, 2011) – Efficiency NB will open the province's first ECOmmunity of highly energy-efficient and affordable EcoPlusHomes[®] at a public event hosted by Martell Home Builders.

The public event will include remarks, refreshments and technology tours, and will take place on Sunday, August 21st from 1:00 to 4:00 p.m. at the Sterling Meadows development on MacCoun Street, just off the old Shediac Road in Moncton.

“The future of residential eco-developments has arrived and we want everyone in south-east New Brunswick to come see how these comfortable, affordable, planet-saving EcoPlusHomes can save their owners \$3,500 in energy costs and reduce green house gases by more than 80% each year,” said Pierre Martell of Martell Home Builders, the project's general contractor.

He added, “Depending on their energy-use habits, these homes can put money in their owners' pockets to pay off mortgages faster than if they built a conventionally efficient home – that's great news for home owners, and the planet.”

Each bungalow is built using two airtight modularly constructed sections from Fredericton-based Maple Leaf Homes, and is powered by the EcoPlusHome system of integrated energy systems from German renewable-energy technology leader Bosch, and include:

- 20 photovoltaic cells to generate electricity from sunlight
- 2 solar thermal panels to heat domestic hot water from the sun's heat
- 1 two-tonne geothermal heat pump to heat and cool the home using the earth's constant temperature

The turn-key EcoPlusHome technology package is unique in North America as it integrates the three Bosch renewable-energy systems to support each other in delivering maximum energy-cost savings and GHG emission reductions to the homeowner.

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Note: All figures are based on Natural Resources Canada energy consumption patterns for an average family of four (2 adults, 2 children). Assumes use of compact fluorescent lights and Energy Star-rated appliances throughout.

EcoPlusHome

A division of Tight Lines Group Inc.

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EcoPlusHome.com



"EcoPlusHome has made highly energy-efficient housing affordable, and accessible, to the public and to eco-conscious developers such as Martell who want to do good and do well," said Alex Lerche, President, EcoPlusHome.

"It is our sincere hope that citizens, developers and municipalities across North America will look to the EcoPlusHomes in Moncton's Sterling Meadows as a meaningful, practical example of how best to meet the growing demand for cost and energy-efficient housing that reduces electrical demand and green house gas emissions, and saves people money."

These homes combine a very energy efficient building envelope with high efficiency heating, ventilation and hot water systems and an alternative energy system that will produce at least 50% of the electrical energy needs for its residents. This combination makes these houses eligible for Efficiency NB's maximum incentive for new construction. The Minister responsible for Efficiency NB and Minister of Energy, Craig Leonard, said they are actually the first homes to qualify for the new \$7500 net zero incentive.

"These homes are the impressive result of a strong collaboration and commitment to energy efficiency and I congratulate all the parties involved," said Leonard. "Through the work of Efficiency NB and strongly committed builders and homeowners we are raising the bar for new residential construction in New Brunswick.

Depending on the energy consumption habits of its eventual owners, the Martell ECOmmunity EcoPlusHomes have the potential to be "net-zero" meaning their photovoltaic solar panels generate at least as much electricity as the homes and their occupants consume.

Martell has applied the \$7,500 rebates against the list price of each home which are currently for sale at \$279,900. The EcoPlusHome system can be configured for any new home.

The Martell Home Builders EcoPlusHome ECOmmunity will be open for public tours Sundays from 2-4pm. For a private tour please contact Natalie Davison at 506-232-1276 or natalie@themartellxperience.com.

About EcoPlusHome

Based in Bathurst, Canada, EcoPlusHome configures, sells and installs the only proven, turn-key renewable-energy-technology system of its kind in North America that allows new-home designers and builders to easily and cost-effectively produce homes that save money...and the planet. Designed, tested and proven in exclusive partnership with leading German technology manufacturer, the Bosch Group, the EcoPlusHome technology system harnesses solar and geothermal energy to significantly reduce household energy costs and green house gas emissions. Visit ecoplushome.com.

For more information please contact:

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Which home would *you* buy?



When making your new-home construction decision, consider both the initial construction *and* ongoing monthly operating costs (mortgage and energy payments) and know what your real costs are.

Here is a comparison for an average-sized 3-bedroom bungalow in the Moncton New Brunswick area (main floor area of 1,200 ft²).

This home built...	...to building code minimum efficiency only	...as an 
 energy-efficiency rating	69 out of 100	93 out of 100
Price (includes lot)	\$259,000 + HST	\$279,000 + HST
Heating system	Electric baseboards	Ground source heat pump, cools home too
Hot water	Electric hot water tank	2 solar thermal panels + super-insulated storage tank with backup heat coil
Power generation	Not applicable	20 photovoltaic panels
Annual electricity purchased	37,924 kwh/year	5,698 kwh/year
Annual green house gas emissions	20.6 tonnes/year	3.1 tonnes/year
Annual electricity costs @ 9.85¢/kwh + 13% tax	\$4,326.76	\$739.87
Monthly mortgage payment @ 5%, 25 years	\$1,506.36	\$1,622.68
Monthly electricity costs, averaged	\$360.56	\$61.66
Total monthly costs (savings not applied to mortgage)	\$1,866.92	\$1,684.34 save \$182.58/month

If the EcoPlusHome owner uses their energy-cost savings to increase their mortgage payments so their total monthly costs roughly equals that of the code-built home, then they can significantly reduce their mortgage terms and interest costs.

Mortgage term	25 years mortgage/month: \$1,506.36	19 years, 8 months mortgage/month: \$1,801.84 Pay off mortgage 5 years, 4 months faster
Total monthly costs (mortgage plus energy costs)	\$1,866.92	\$1,863.50
Interest paid	\$192,863.94	\$153,701.10
Mortgage interest savings	\$0.00	Save \$39,162.84 in interest

Note: EcoPlusHome energy consumption, cost savings and GHG emission data are calculated using Natural Resources Canada statistics for average family of four (2 adults, 2 children). Assumes home uses compact fluorescent lighting and EnergyStar rated appliances. Save 10% on CMHC mortgage insurance premium.