

Living and Working Smarter With Energy Efficiency in NB

Agenda

- Why Energy Efficiency?
- Energy Management 101
- Why NB Power?
- Saving Energy at Home
- Saving Energy at Work
- Upcoming Pilot Programs
- Upcoming Events
- Questions



Why Energy Efficiency?



Benefits of Energy Efficiency

- ✓ Financial savings
- ✓ Improves comfort
- ✓ Increases productivity
- ✓ Stimulates the economy
- ✓ Create jobs
- ✓ Lessens our impact on the Environment
- ✓ Reduces Green House Gas Emissions
- ✓ Defers the need to build new generation
- ✓ Keep rates low and stable (avoided costs).



Energy Efficiency is a WIN WIN WIN



Customers



Environment



Economy

Since 2015, New Brunswickers have invested in energy efficiency and:



SAVED

\$239 million

in lifetime energy costs



TAKEN

103,156

Cars off the road

for a year in greenhouse gas reductions!



INVESTED

\$155 million

in the local economy

Energy Management 101



OFFSET

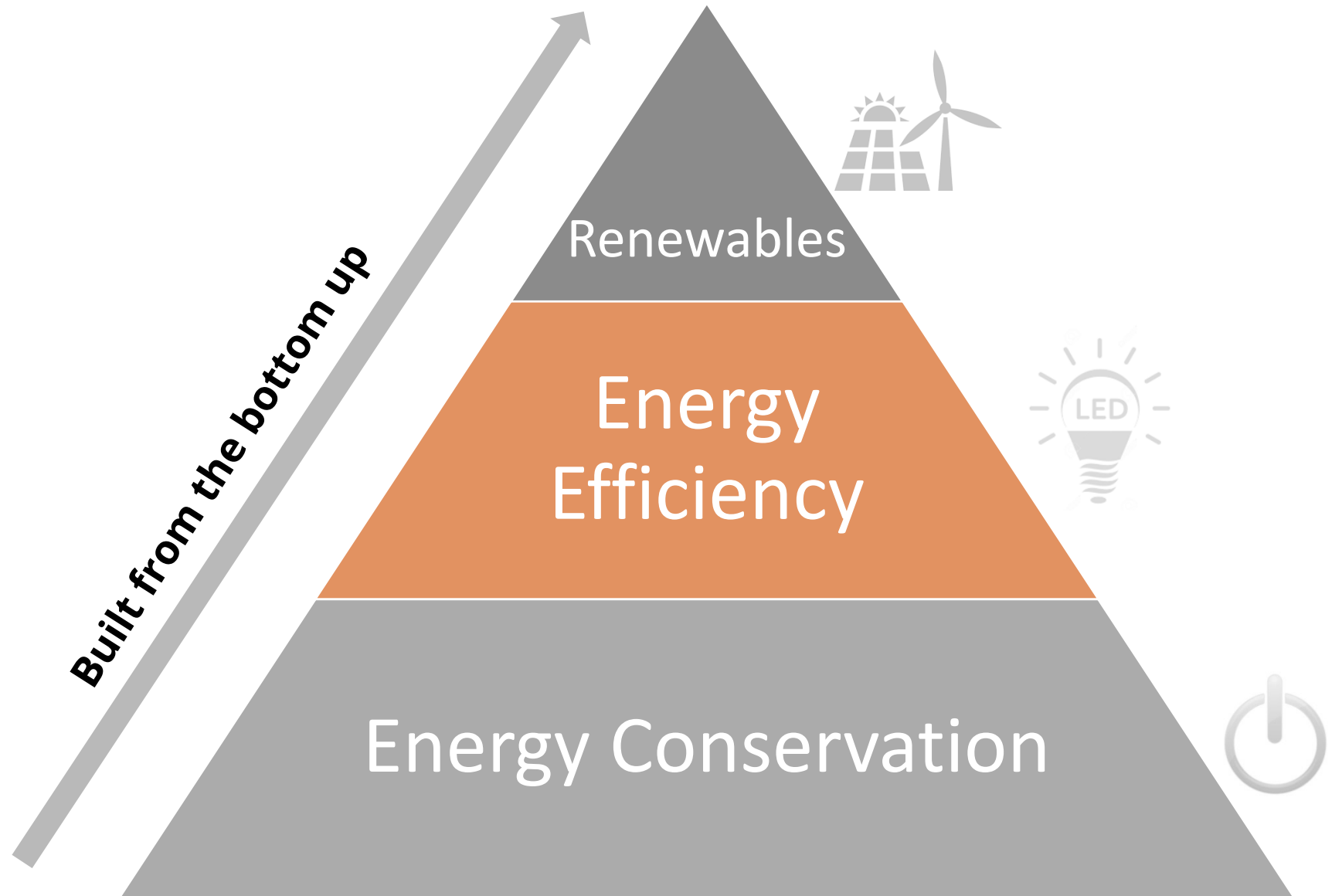
Renewables to offset efficient, necessary grid-energy

USE

Upgrading equipment, using energy as efficiently as possible

WASTE

Habits, behaviour, how you operate (best way to save energy is to not use it)



Why NB Power?



- Energy Efficiency is a cornerstone of NB Power's commitment to a vision of sustainable electricity.
- And to being our customers' partner of choice.
- Energy efficiency promotes the efficient use of energy in our customer's homes and businesses.



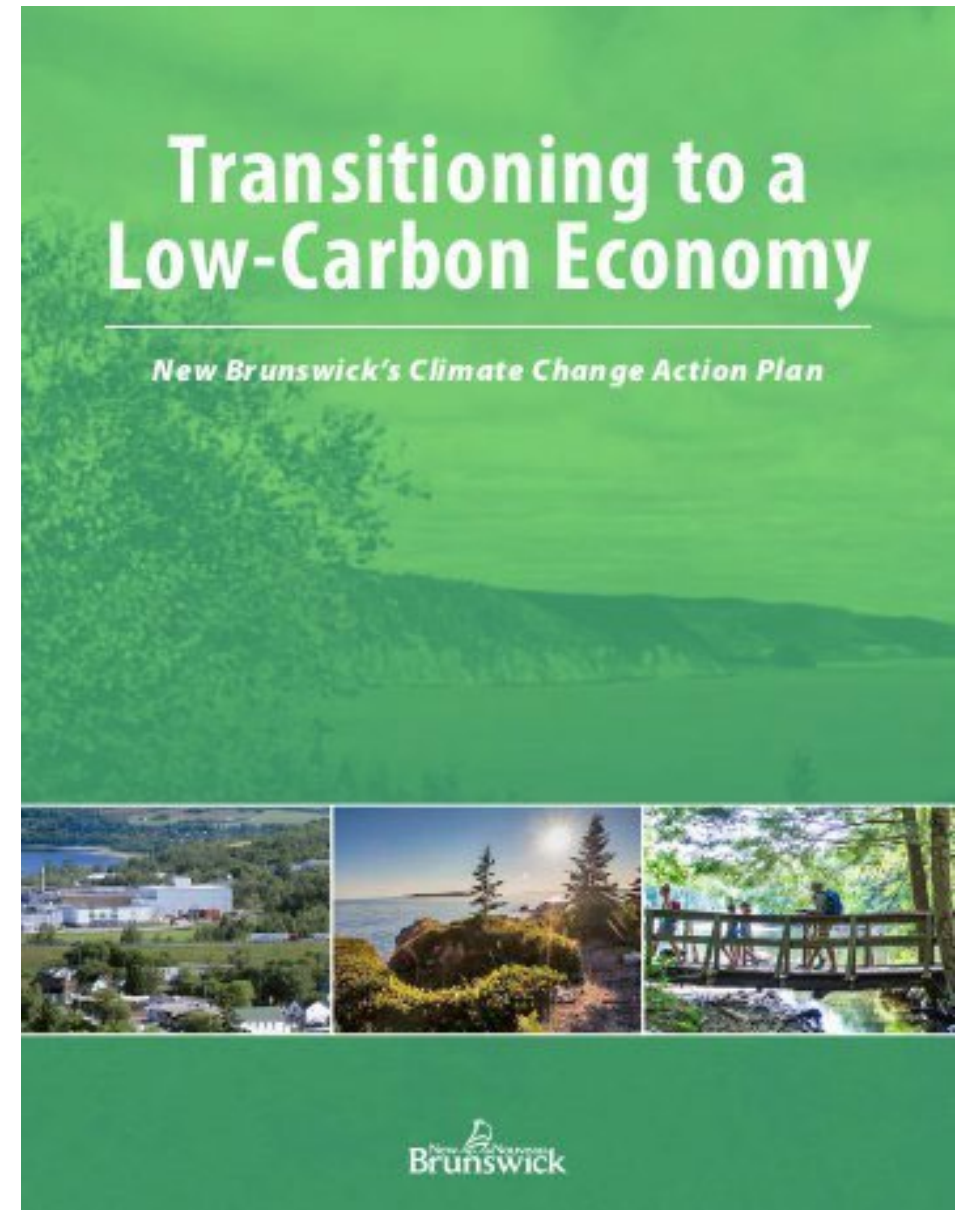
Energy Efficiency Programs

- Since 2015 NB Power has been delivering Energy Efficiency Programs to all New Brunswick communities.
- And Since April 2018, these program have included incentives for **all energy fuel types, not just electricity**



NB Power; Delivery agent for energy efficiency programs in New Brunswick

- **Residential:**
 - Total Home Energy Savings Program
 - Low Income Energy Savings Program
 - Community Outreach Program
 - New Home Energy Savings Program
- **Commercial:**
 - Commercial Buildings Retrofit Program
 - Business Rebate Program
- **Industrial:**
 - Industrial Energy Efficiency Program



Saving Energy at Home



Total Home Energy Savings Program

- The Total Home Energy Savings Program offers money back on efficiency upgrades on everything from insulation and air-sealing to high efficiency central heating systems to windows, doors, and more.
 - Lower your energy bills
 - Increase comfort
 - Help the environment
- Retrofit existing houses
- All New Brunswickers, all fuels
- Two audit process, purchase/install upgrades **after** the initial energy evaluation





Residential Buildings

- Single family homes
- **Smaller apartment buildings: (No more than 3 stories high less than 6458 ft² footprint and less than 100 units)**
- Includes a Home Energy Assessment (**HOT 2000, CMHC compliant**)
- Incentives for building envelope, windows, doors, heating systems

Low Income Energy Savings Program

- Helps low-income homeowners reduce energy consumption and costs through targeted **FREE** efficiency retrofits
- In order to qualify:
 - Homeowner must be the owner and live in the home as their primary residence
 - The household income must **be at or below** the established Housing Income Limits (HIL) threshold set by the Department of Social Development
 - Property Taxes for the previous year must be paid in full.
- This year we are looking at having over 750 participants this year.



Community Outreach Program

- The Community Outreach Program traditionally works with non-profit, community organizations to help their clients save money and become more comfortable with low-cost, energy efficient products.
- The kits contain EE products, installation instructions, and other energy efficiency tips.



A woman with short blonde hair and glasses, wearing a striped shirt and a dark apron, is smiling while stirring a large metal pot on a stove in a kitchen. The background shows stainless steel kitchen equipment and a range hood.

Saving Energy at Work

Every Business is Different!

- That's why our programs are designed to work for you.
- Whether upgrading refrigeration, lighting, heating systems, or optimizing energy use on the production line...we're here to help you identify eligible projects.
- Start reducing costs today with energy efficient upgrades.



Commercial Building Retrofit Program

Here are some examples of eligible entities:

- Guest rooms
- Motels
- Hotels
- Campgrounds
- Golf courses
- Restaurants
- Take-out restaurants



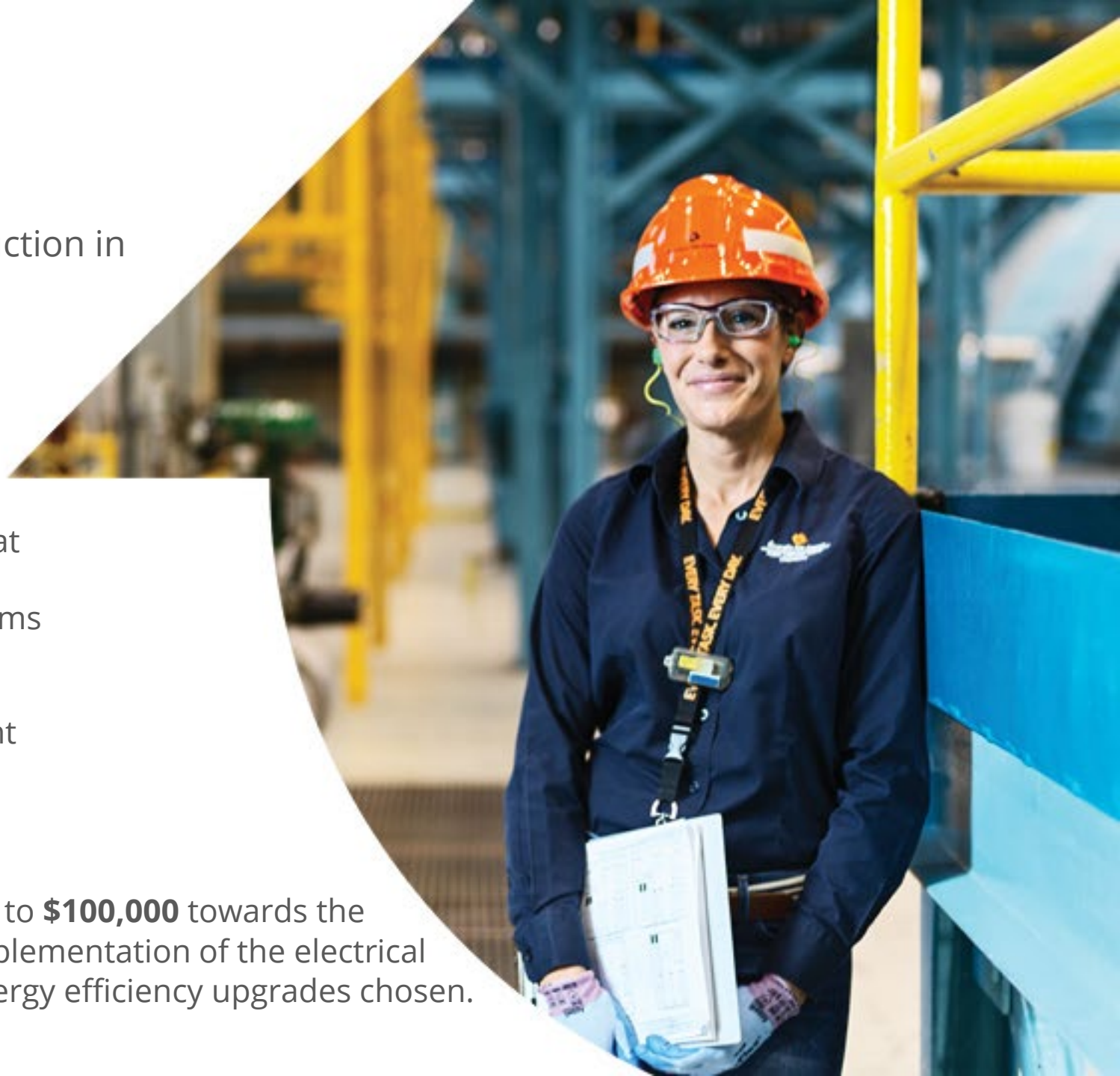
Commercial Building Retrofit Program

Projects that save energy and result in a reduction in greenhouse gas emissions are eligible for an incentive.

Some project examples include:

- Renewable Energy {Wind, Solar}
- Insulation/Air Sealing, Windows and Doors
- HVAC {RTU's, PTAC's and various heat pumps}
- Building Management Control Systems
- Commercial Kitchen/Laundry Equipment
- Commercial Refrigeration Equipment {walk in coolers/freezers, reach in coolers/freezers}
- Interior and exterior lighting
- Pools
- Elevators

- Up to **\$100,000** towards the implementation of the electrical energy efficiency upgrades chosen.



Business Rebate Program

- A rebate program that caters to all Commercial and Industrial businesses.
- This new program provides simple, accessible product rebates that *do not require an audit or feasibility study*.
- This new incentive stream will complement the existing Commercial Buildings Retrofit Program in that it provides an option for *simple, stand-alone* efficiency measures.



Business Rebate Program

- Participants can get 25% of eligible project costs up to \$250,000.00.
- Examples of some eligible product categories:
 - Commercial Laundry Equipment
 - Commercial Kitchen Equipment
 - Commercial/Industrial Refrigeration Equipment
 - HVAC
 - LED Lighting and Controls
 - Motors



Upcoming Pilot Programs



1. The **“NB Power Social Development RRAP Energy Efficiency” Pilot Program** is intended to provide financial support to help RRAP participants offset the costs of energy efficient products and upgrades.

- RRAP: Residential Rehabilitation Assistance Program

2. **“Affordable Housing Pilot Program”** is intended to work with Not-for-Profit Organizations

- Pilots are still in the developmental stages
- Target to start 2022



Upcoming Events





SAVE THE DATE

energizing efficiency CONFERENCE

PRESENTED BY  **Énergie NB Power**

June 7 & 8, 2022
Saint John, New Brunswick

LOOKING FOR THE PERFECT EV?

You can choose your electric vehicle based on your lifestyle, travel needs, and comfort.

FIND YOUR EV MATCH

"Find Your EV Match" is an online tool which can help you find the EV that matches your lifestyle and budget.

VISIT

ev.plugndrive.ca



TAKE A TEST DRIVE

Watch NB Power's Facebook page for information on how to sign up for our Test Drive Tour at the following locations and dates.

- **JUNE 9-12** Saint John | TD Station 99 Station St.
- **JUNE 16-19** Fredericton | Capital Exhibit Centre, Smythe St.
- **JUNE 23-26** Riverview | Sobeys 1160 Finlay Blvd.
- **JUNE 30-JULY 3** Bathurst | Atlantic Host Inn 1450 Vanier Blvd.
- **JULY 7-10** Grand Falls | Centre E. & P. Senechal Center 60 Ouellette St.

QUESTIONS?



Énergie NB Power

the power of possibility
débordant d'énergie

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