Perth-Andover’s Energy Smart Community Activities
Background

- Perth-Andover is one of three communities to operate an Electric Utility
- Serving our Community Since 1905
- Favorable Power Rates
- Concerns of Raising Electricity Purchase Cost
- Highest in Province use of Electricity for Heating
- Desire to help our Customers reduce Cost
Background

- Developed a Beneficial Partnership with Efficiency New Brunswick to become an Energy Smart Community
- Staff at Efficiency NB were excellent Partners
- Desire to lower municipal operation cost
Energy Smart - Main Goals

- Education on Benefits of Reducing Consumption
- Lower Residential Consumption by 5%
- 100 homes participate in the Energy Audit Program
- Help 30 Businesses Reduce Cost
- Saving the Environment
- Lower municipal power consumption
Outline of Energy Smart Activities

- CFL Promotion – Every Home
- Residential Energy Audits
- Commercial Energy Audits
- Hot Water Tank Blanket Give Away – Delivered to Home
- Public Education
- Municipal Energy Audits
Outline of Energy Smart Activities

- LED Street Light & Decorative Lighting Retrofit
- Municipal Building Retrofits
  - Heat pumps & Solar for pool water heating
  - Heat Recovery – Arena
  - Lighting, timers, insulation, programmable thermostats, variable speed pumps for wells, etc.
- Skate & Swim for Free Community
Residential Energy Audits

- 100+ Homes to participated
- With a Coupon from ENB the cost was only $50
- Perth-Andover Council provided an additional $25 Coupon
- A $50 Coupon provided to residents in our Trailer Park
Commercial Energy Audits

- Encouraged 30 Businesses to Participate
- Energy Audits on all Municipal Buildings
- Municipality to Support Financially
Let’s Skate and Swim For Free!
One of our Best Programs!

- Reinvest Power Savings from your Municipal Buildings In Your Community
- Helps the Environment
Background

- New Brunswick and the Rest of Canada have a serious problem with youth fitness levels

- In many communities, recreation programs are not supported by low income families

- Financial issues are a barrier to Youth Participation
Background

- New Brunswick has one of the lowest fitness levels in Canada
- World Health Organization use terms “Epidemic” and “Pandemic” when discussing Obesity
- Personal Debt is at an all time high
How Do We Address This Important Issue!

- There are numerous things that the Provincial and Municipal Governments can do communities can do to encourage participation in youth.
  - Increased commitment to Physical Education in our School System
  - Improved Recreation Facilities
  - Access to affordable programs
  - Provide Financial Assistance to Low Income Families
Municipality Role Must Change!

- We need to do Our Share

- Change our Mindset on the Delivery of Recreation Services to allow *more access*

- Our facilities should be Judged on the number of people that enter the Door
Skate & Swim for FREE Initiative

- Skating & Swimming are Traditionally two of the most popular Physical Activities for youth in our Province.
- Let’s make our Public Skating and Public Swim Sessions FREE for our communities!

Goals
- To increase the level of participation in our public skating and swim programs!
- Decrease the level of obesity of youth & adults in our communities
- Provide prime time access for families to participate
I Know it Cost Money to Run these Buildings! …There’s more…

Now Let’s Replace this revenue without increasing our taxes.

How you ask?

Energy Conservation Programs in our Communities.

Communities would take advantage of Energy Savings to Replace this greatly needed revenue for our Recreation Facilities.
How much would this Really Cost?  Perth-Andover Example

Revenue
148 Swims and 54 Skates  $10,005

Cost

  HST  $1,305
  Arena Ticket Staff 54 x $20 =  $1,080
  Accounting-202 deposits, payroll, entries, floats, cash sheets, HST, & handling coin  $2,500

  Total Cost  $4,885

**NET INCOME**  $5,120
Community Options

- Take advantage of Energy Savings and Provide Free Skate & Swim Sessions
  - This could be accomplished by several options such as
    - Thermostats with timers
    - Improved Lighting Systems
    - Energy Management Systems
    - Improved Building Maintenance
    - Updated Equipment
    - Improved Street Lighting
    - LED Traffic Lighting
    - Numerous Other Options
Summary

- Perth-Andover’s Energy Savings have easily covered the Capital Cost & loss of Skate and Swim revenue
- We need to change the Mind Set of our Communities
- Public Skate and Public Swims are essential – the same as Street Lights & Sidewalk Snow Removal
- We need communities like your to be champions!