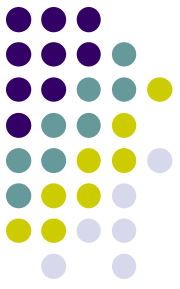
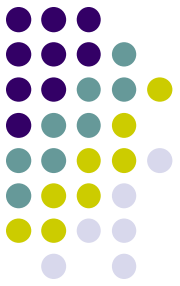


# **Perth-Andover's Energy Smart Community Activities**



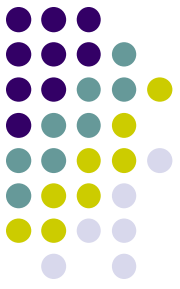
# Background

- 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

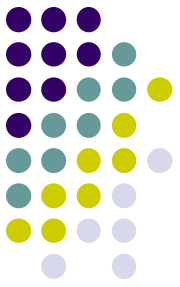
- Education on Benefits of Reducing Consumption
- Lower Residential Consumption by 5%
- 100 homes participate in the Energy Audit Program
- Help 30 Businesses Reduce Cost
- Saving the Environment
- Lower municipal power consumption

# Outline of Energy Smart Activities



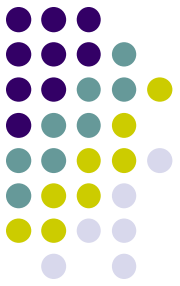
- CFL Promotion – Every Home
- Residential Energy Audits
- Commercial Energy Audits
- Hot Water Tank Blanket Give Away –  
Delivered to Home
- Public Education
- Municipal Energy Audits

# Outline of Energy Smart Activities



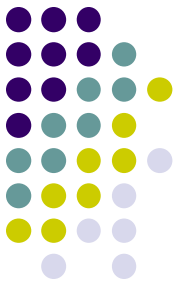
- LED Street Light & Decorative Lighting Retrofit
- Municipal Building Retrofits
  - Heat pumps & Solar for pool water heating
  - Heat Recovery – Arena
  - Lighting, timers, insulation, programmable thermostats, variable speed pumps for wells, etc.
- Skate & Swim for Free Community

# 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

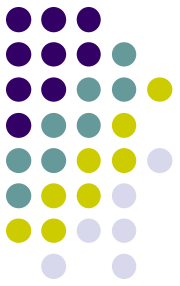




# Let's Skate and Swim For Free! One of our Best Programs!

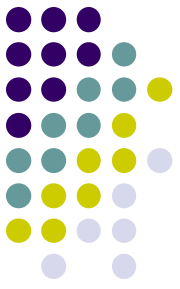


- Reinvest Power Savings from your Municipal Buildings In Your Community
- Helps the Environment



# 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

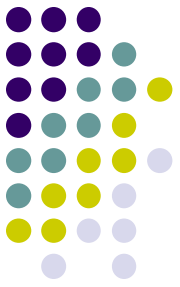
- New Brunswick has one of the lowest fitness levels in Canada
- World Health Organization use terms “Epidemic” and “Pandemic” when discussing Obesity
- Personal Debt is at an all time high

# 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!



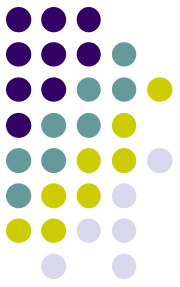
- We need to do Our Share
- Change our Mindset on the Delivery of Recreation Services to allow **more access**
- Our facilities should be Judged on the number of people that enter the Door

# 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

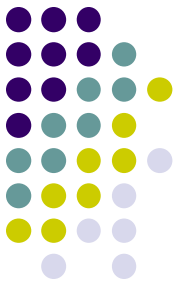
# I Know it Cost Money to Run these Buildings! ...There's more...



- 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!