



Municipality of Leamington



October 17, 2011

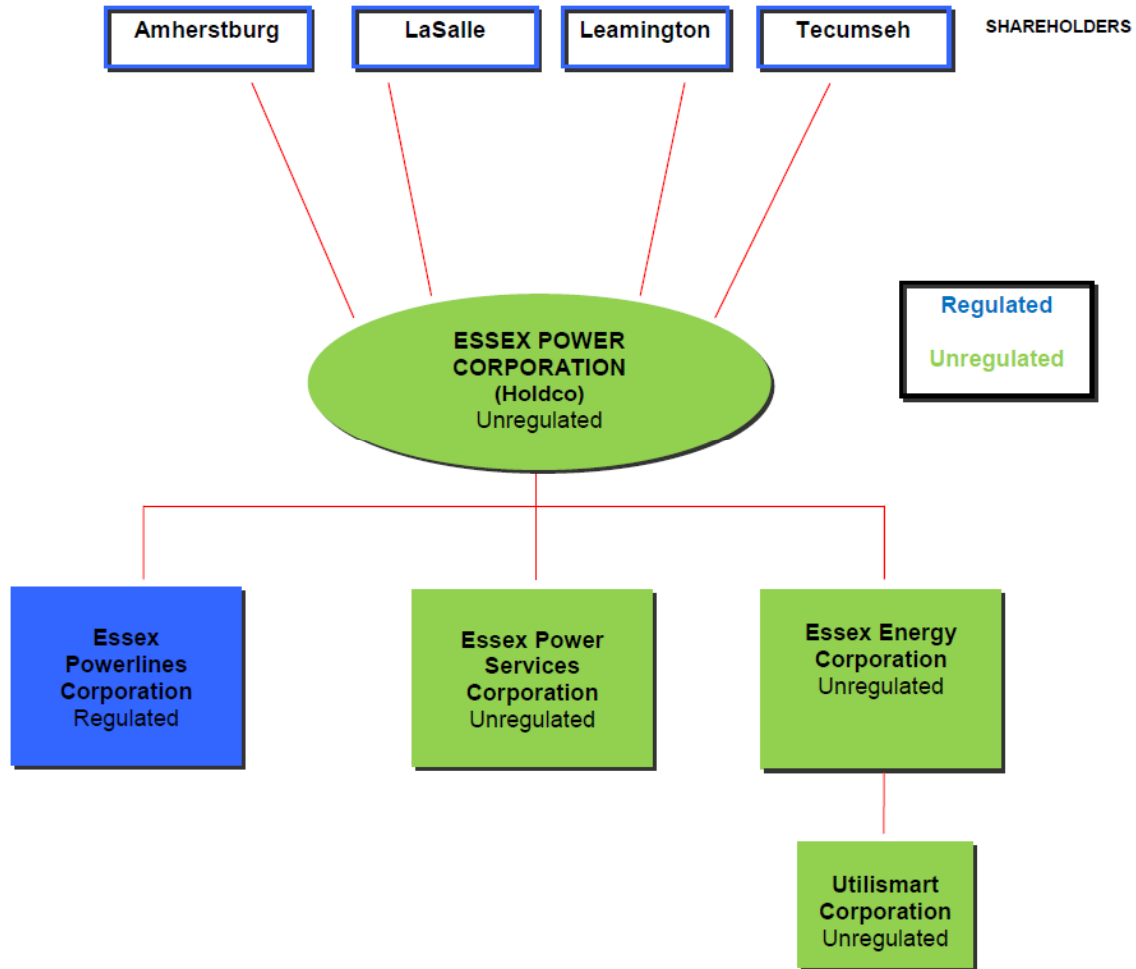


Highlights of 2010/2011

- 2011 System Capital expenditures to date \$1.3 million (Budget \$3 million)
- 2011 New Service connections to date 167
- 2011 Rate Submission approved March 17, 2011 - overall bill impact is decrease of .1%
- Peak Demand to date 2011- 132 MW
- June 2010 Tornado - There was extensive damage to hydro equipment and services across the municipality. Essex Powerlines staff, along with other resources worked diligently to secure dangerous areas, repair equipment, clear trees/limbs and restore hydro service to hundreds of customers in a very timely manner. Power was lost at approximately 3:15 a.m. which was mostly restored to customers by 7:40 p.m. the following day.
- The Electricity Distributors Association (EDA) “**Environmental Excellence Award**” was awarded to Essex Powerlines for significant accomplishments through our performance, programs and special projects in the area of the environment and conservation in 2010
- Conservation Demand Management Programs – Over 3000 customers directly involved in an effort to conserve energy, save money and help the environment. Together we were able to achieve savings in excess of 20 million kWhs = \$2,000,000 in customer savings – incentives paid out directly to customers exceeded \$275,000 in 2010
- Smart Meters – over 98% of all Smart Meters have been installed – for a total of 27, 511

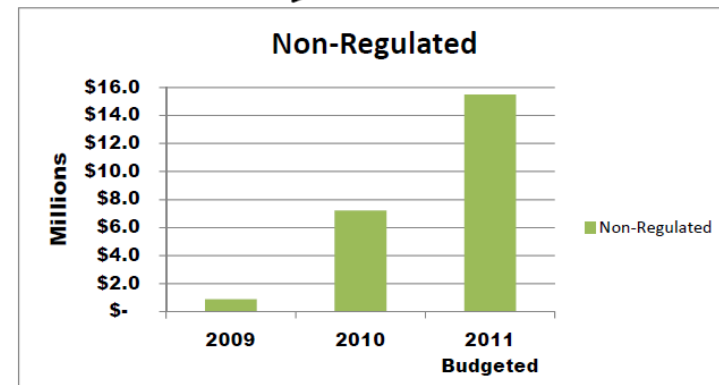
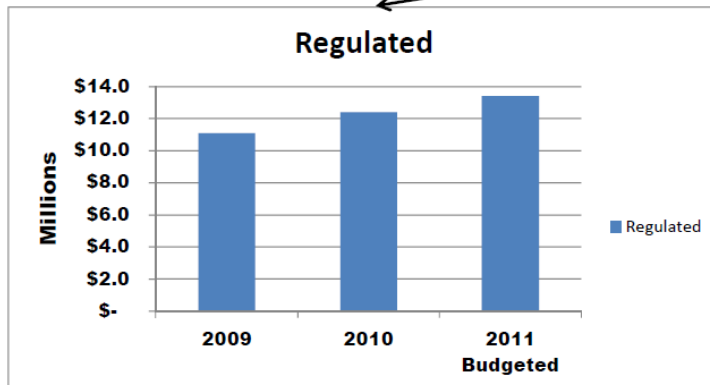
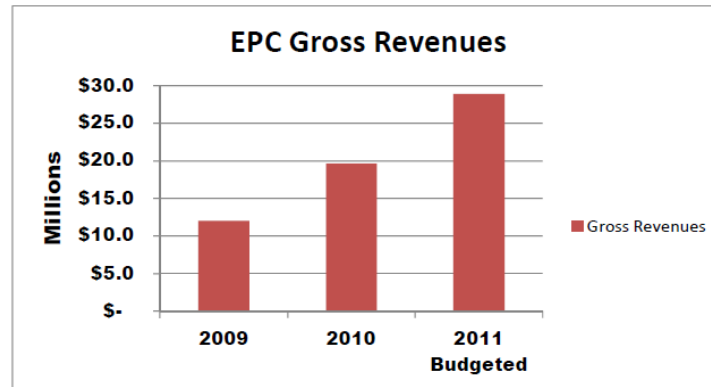


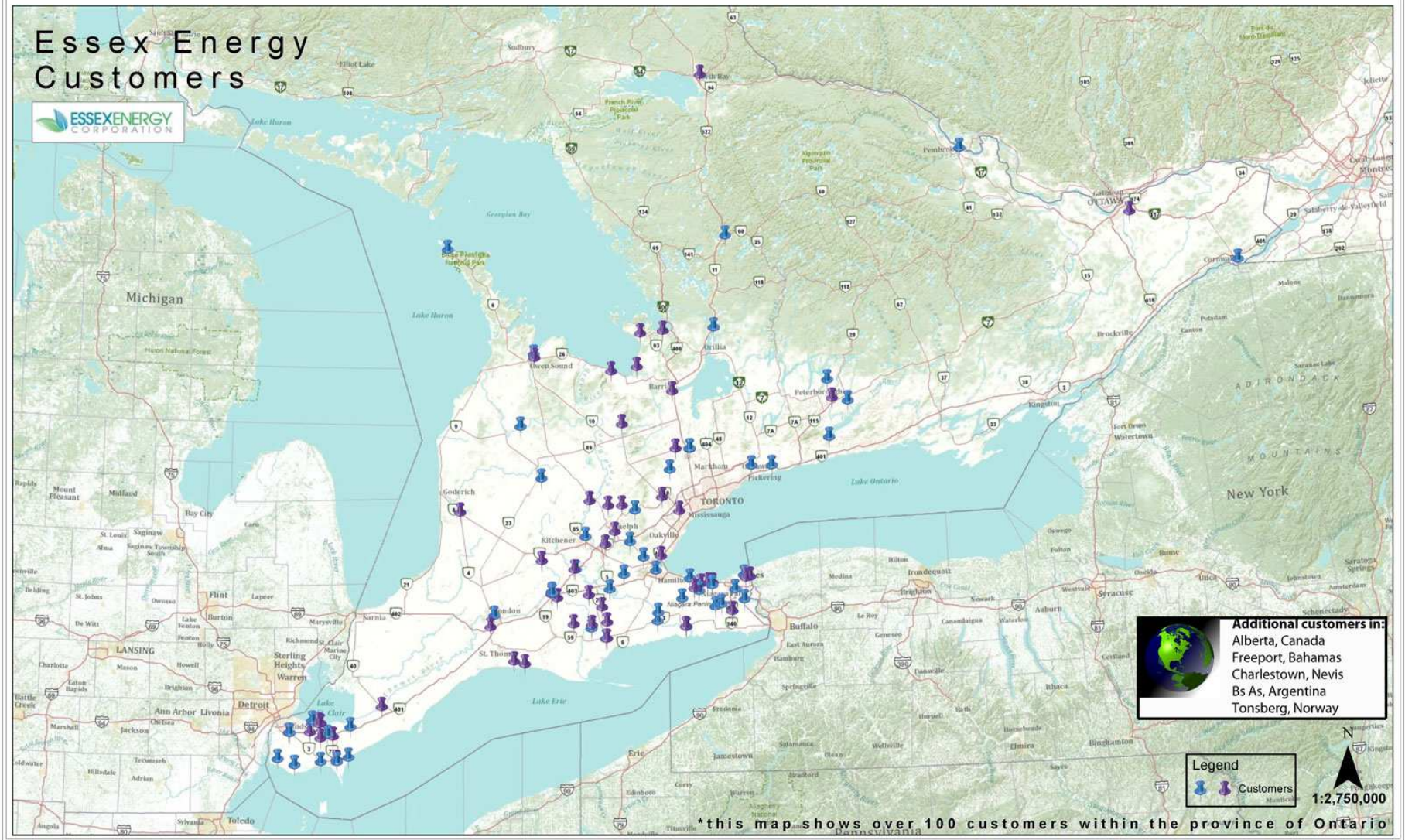
Corporate Ownership Structure

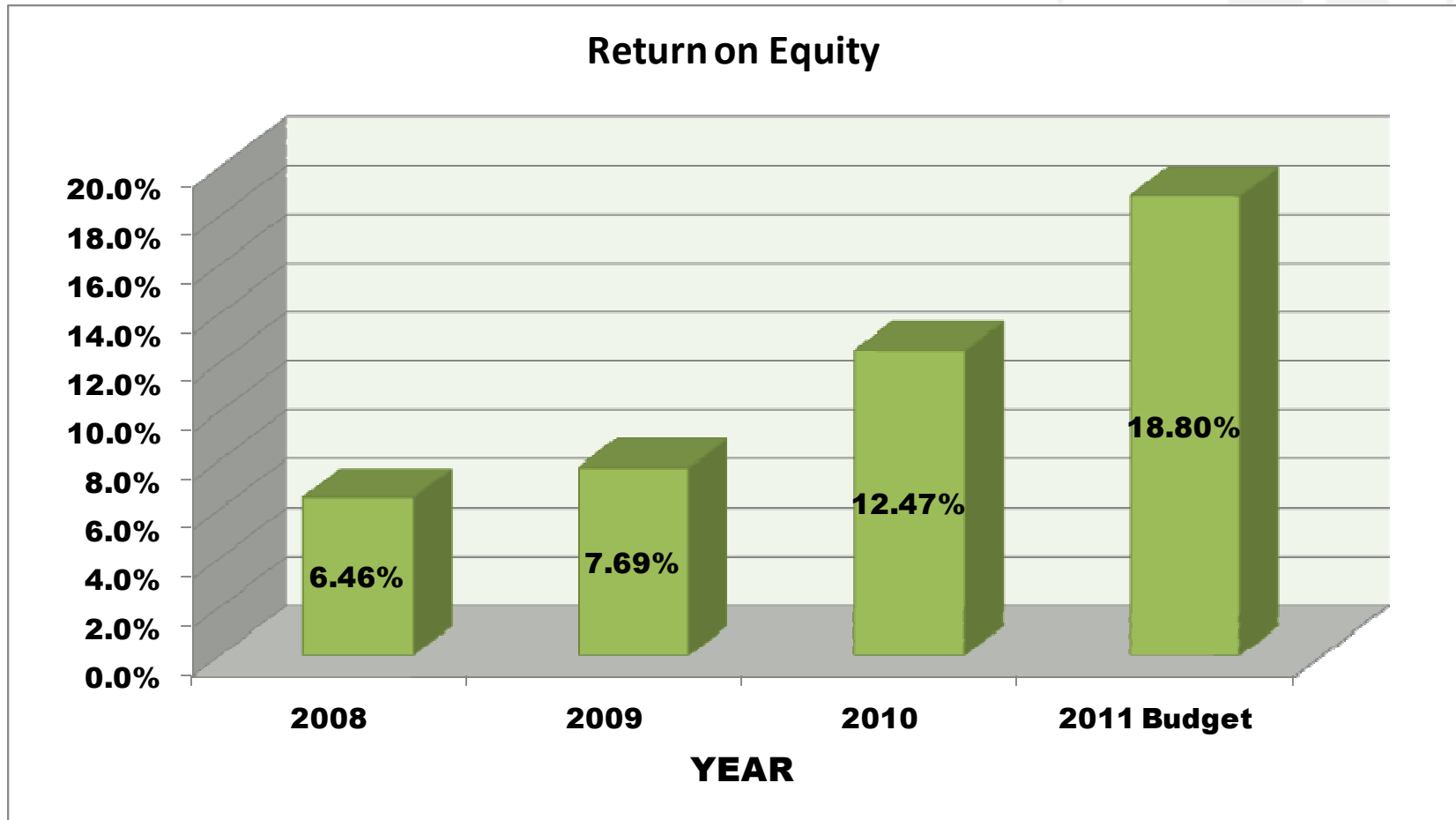


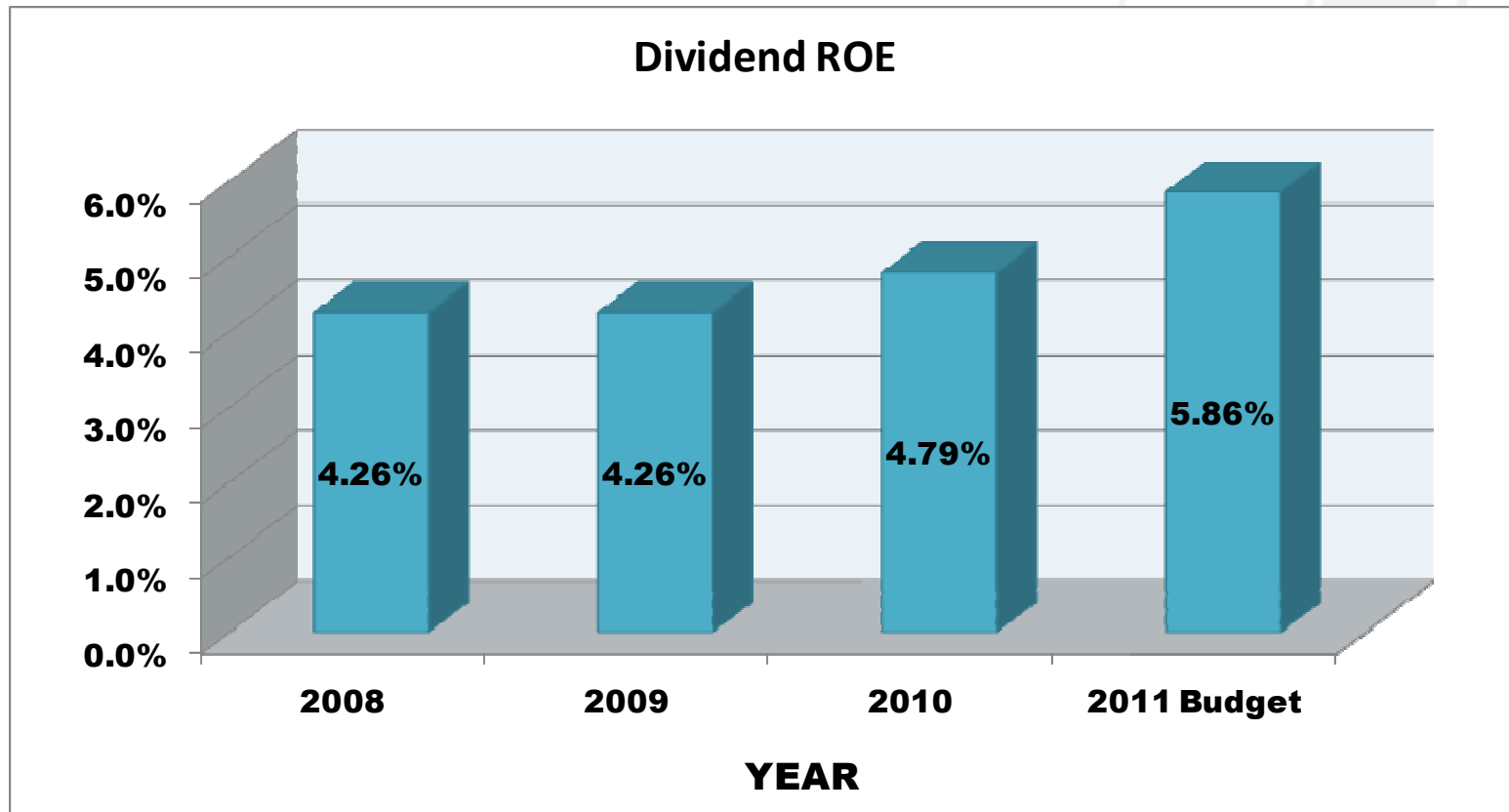


Distribution of Revenue Streams

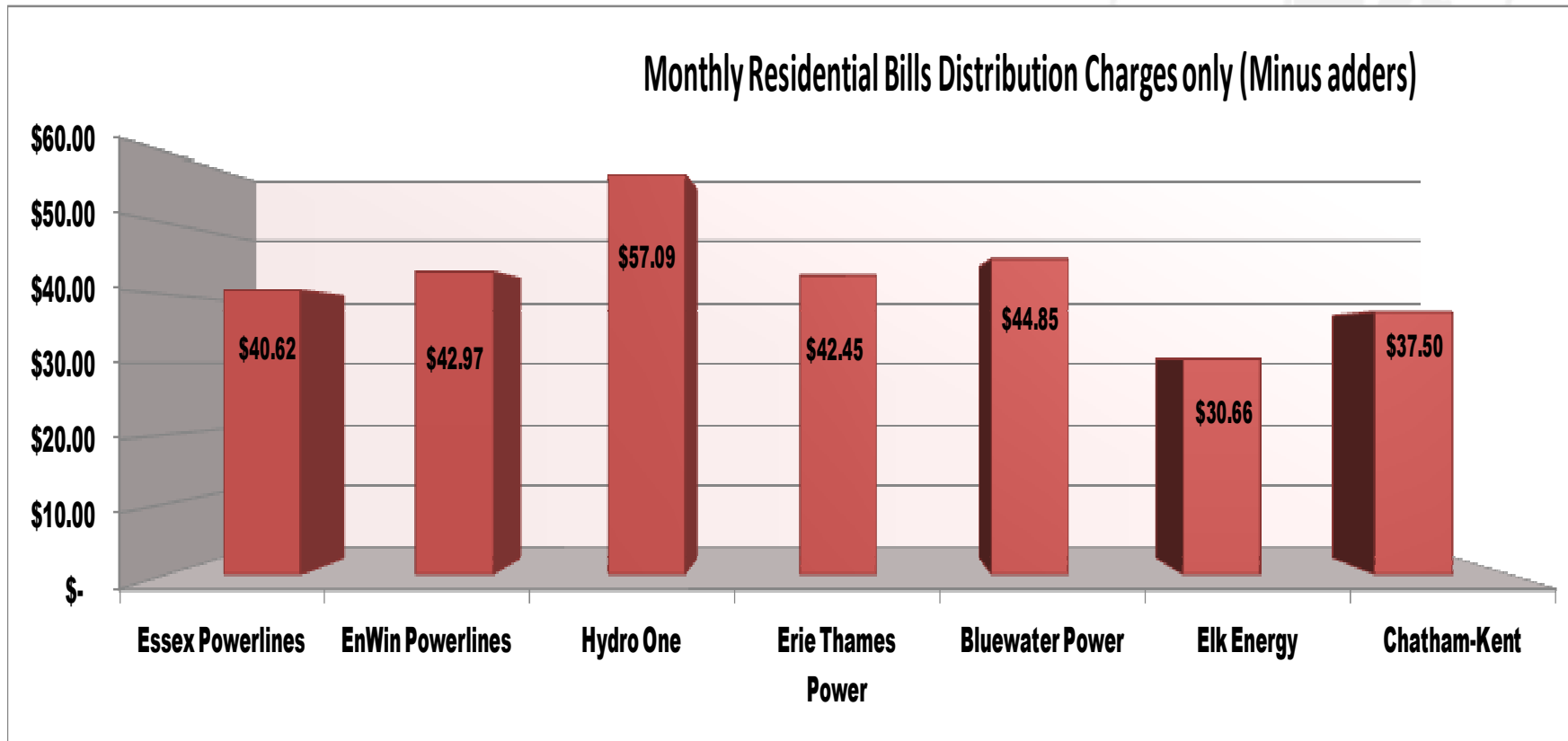




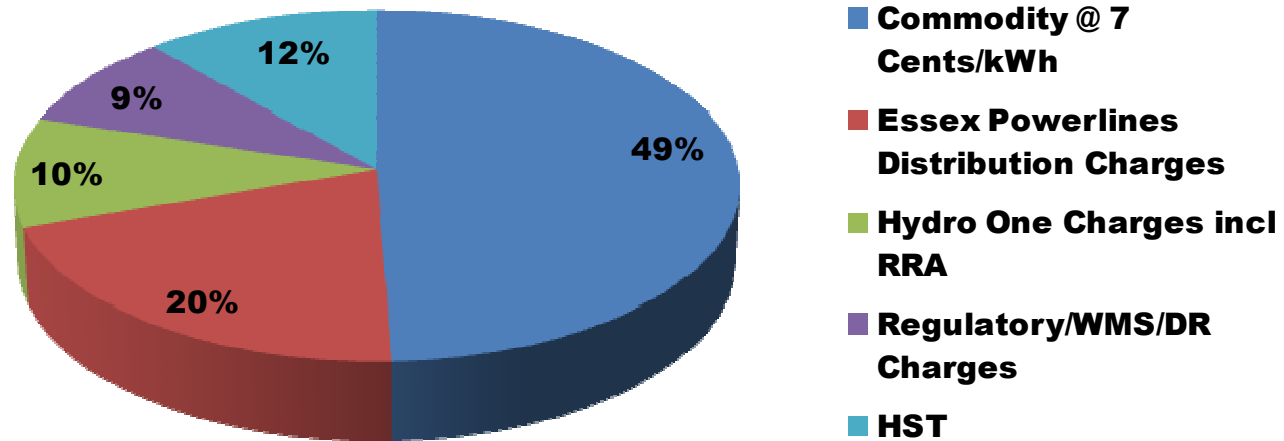




Monthly Residential Bills Distribution Charges only (Minus adders)

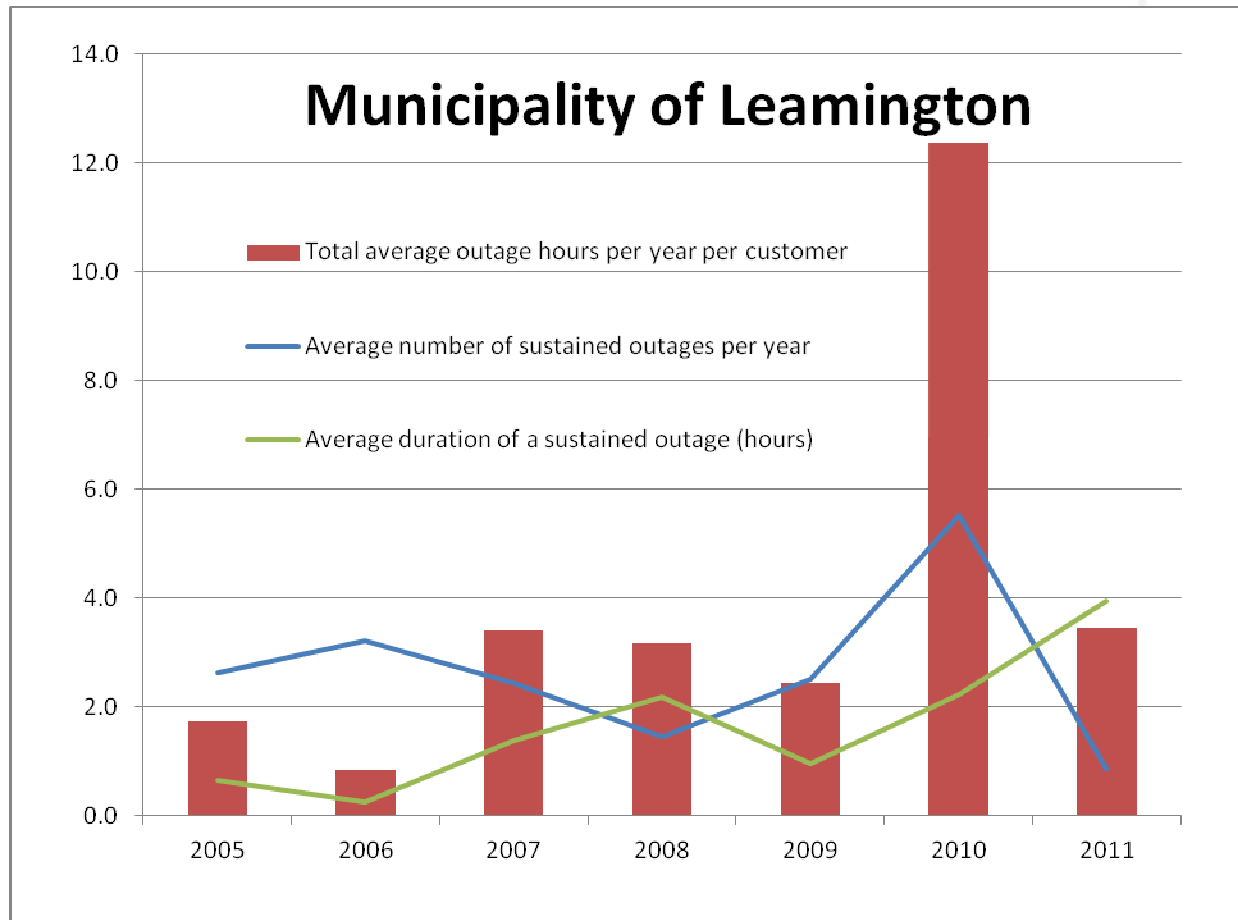


Hydro Bill Components





Power Reliability



2005	99.98%
2006	99.99%
2007	99.96%
2008	99.96%
2009	99.97%
2010	99.86%
2011	99.96%



Approaches to Causes

- Unknown – new technologies to pinpoint
- Scheduled Outages – good preplanning
- Loss of Supply – regular review meeting with Hydro One to ensure continuous improvement
- Tree Contacts – preventable tree trimming programs/customer/municipal awareness
- Tree Contacts – unpreventable – whole trees (ash)
- Lightning – good protection
- Defective Equipment – programs and data records
 - Infrared/Ultrasonic
 - Inspection/Cleaning
 - Planned Maintenance
 - New Technologies/Replacement Programs



Mandatory Time of Use (TOU) Pricing and Smart Meters

Leamington – from Nov 5, 2011 (approximate read date)

POWER. SMARTER.



Help your budget and the environment – run your dryer during off-peak periods.

Ontario Electricity Time-of-Use Price Periods

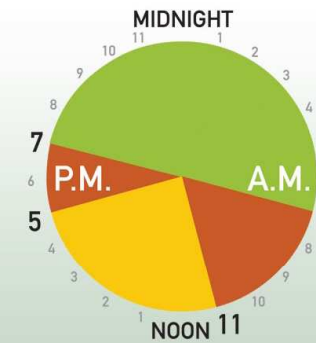
Prices effective May 1, 2011



Summer
(May 1 - October 31)
weekdays



**Weekends and
Statutory Holidays**



Winter
(November 1 - April 30)
weekdays

- 5.9 **Off-peak**
¢/kWh
- 8.9 **Mid-peak**
¢/kWh
- 10.7 **On-peak**
¢/kWh

For current TOU pricing, please go to www.ontarioenergyboard.ca



Ontario Energy Board
Commission de l'énergie de l'Ontario

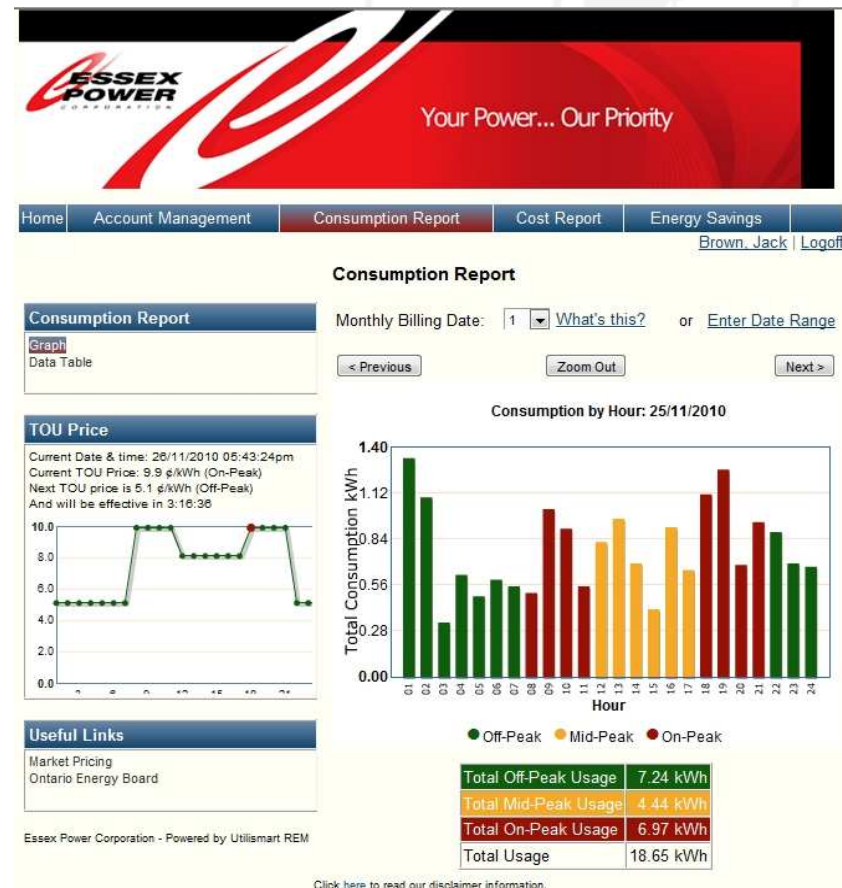


Residential Energy Manager (REM).

REM allows the customer
to

- Immediately observe the previous day consumption by Time Bands providing a total cost for commodity for the day
- List the major appliances in their home and see the impact of adjusting their usage of same during the different time bands
- Enter a Retailer Fixed Price Contract amount in order to compare with TOU costs to a Retailer Fixed Price Contract
- Track energy consumption by time bands from the date of last billing, by the month, day and hour
- www.essexpowelines.ca

Web Presentment Tool





CONSERVATION IN LEAMINGTON

- In August of 2011, Heinz Canada received a incentive rebate of \$81,532.00 for the completion of the **SAVEONENERGY** retrofit program. The program is sponsored by the Ontario Power Authority through Essex Powerlines.
- The **SAVEONENERGY** retrofit at Heinz Canada consisted of replacing over 900 lighting fixtures



- In 2011, the Municipality of Leamington received an incentive rebate of \$1,760 from Essex Powerlines Corporation through the **SAVEONENERGY** Retrofit program sponsored by the Ontario Power Authority. This incentive was a result of a retrofit done at the Leamington Kinsmen Memorial Complex.
- The retrofit at the LKMC consisted of replacing 18 – 400 watt metal halide high bay fixtures in the pool with 18- 200watt induction light fixtures. This resulted in total energy savings of 19,532 kWh which is the equivalent to more than \$2,000 in savings per year.
- Also in 2010, at 4 municipal owned properties the lighting fixtures were retrofitted through the Power Savings Blitz program for a total incentive rebate of \$4,758





Questions

