



# Abbott St. East & Shea Rd. Pole Line Extension

2007-12-19

# Agenda

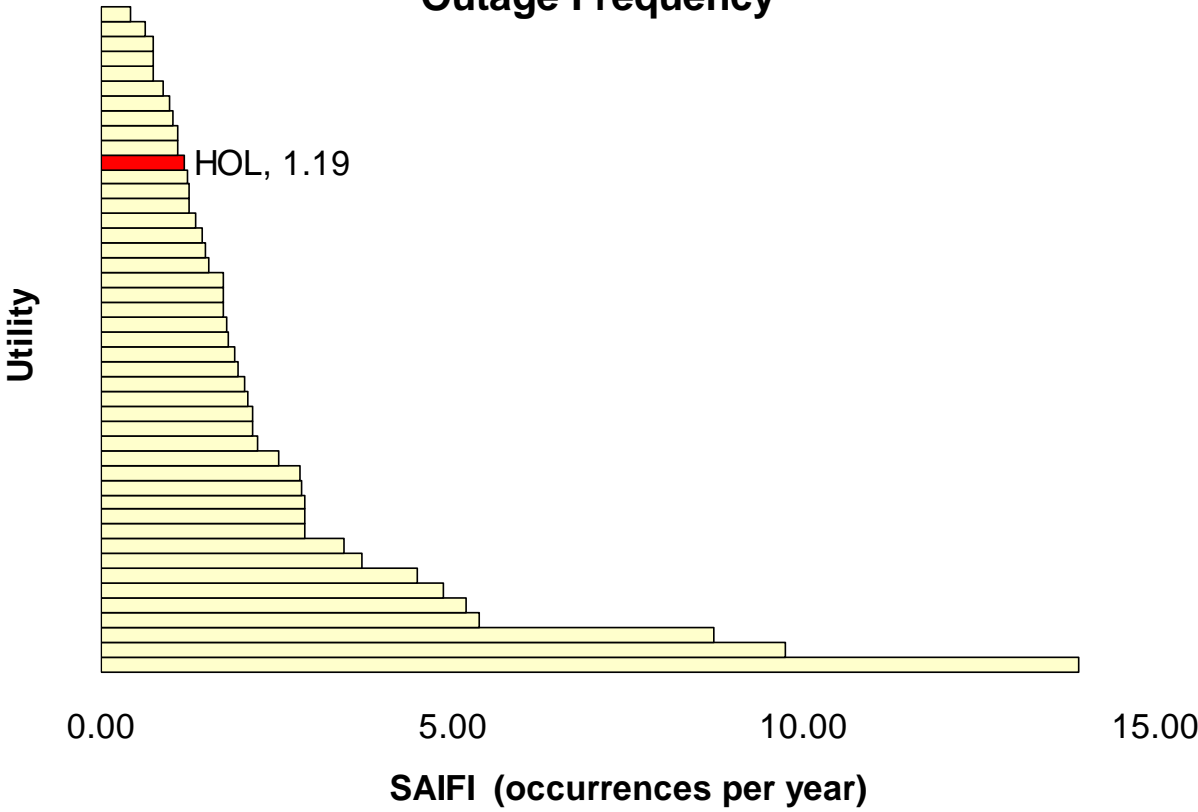
- Introduction
- Electricity Act
- Reliability
- Rates
- Overhead vs. Underground
- Abbott and Shea Project
- Questions

# Electricity Act

- Hydro Ottawa is obligated to meet the electrical needs of the City, both present and future.
- The *Electricity Act, 1998* designates road allowances as utility corridors.
- Subsection 41 (1) states that Hydro Ottawa may install structures, equipment or other facilities for the purpose of its distribution system, including poles and lines.

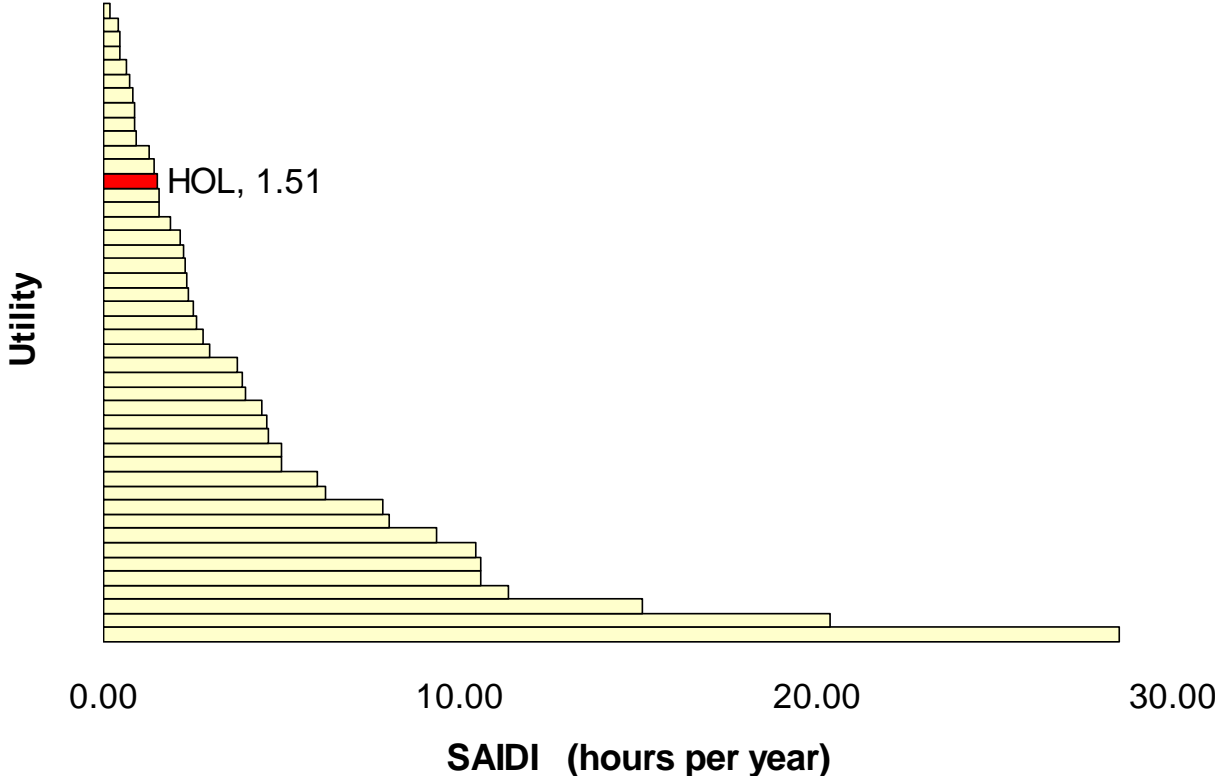
# Reliability

SAIFI - 2006  
Outage Frequency



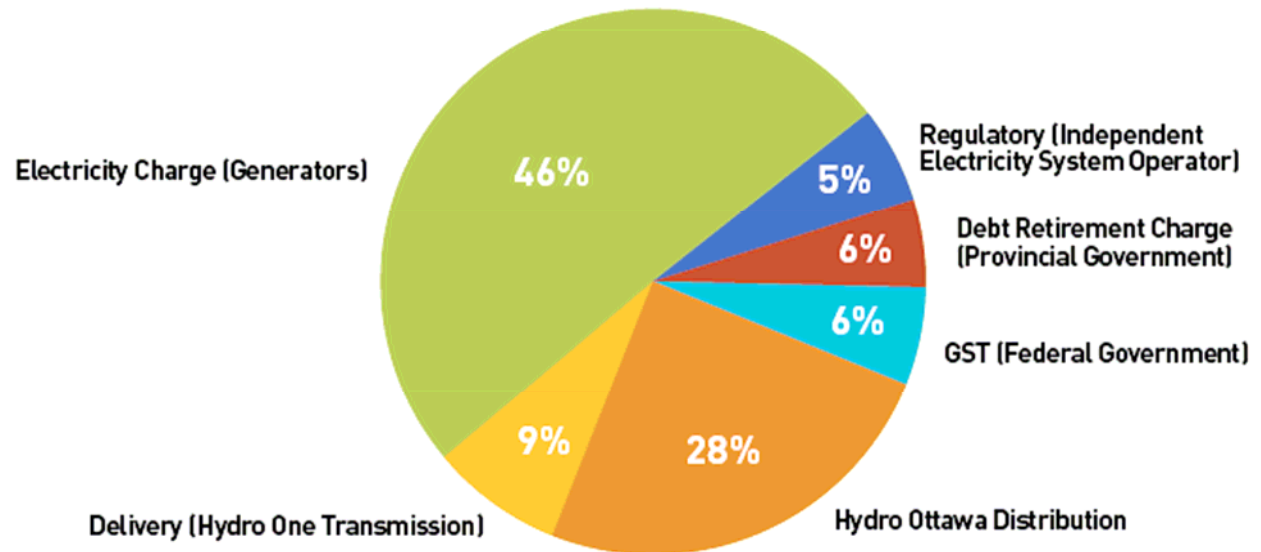
# Reliability

## SAIDI - 2006 Outage Duration



# Breakdown of Electricity Charges

Breakdown of electricity charges for a typical residential customer (750 kWh/month)



Effective November 1, 2007

# Provincial Rate Comparison

## Hydro Ottawa Rates - One of the Lowest in Ontario Average Residential Monthly Bill including GST (750 kWh/month)



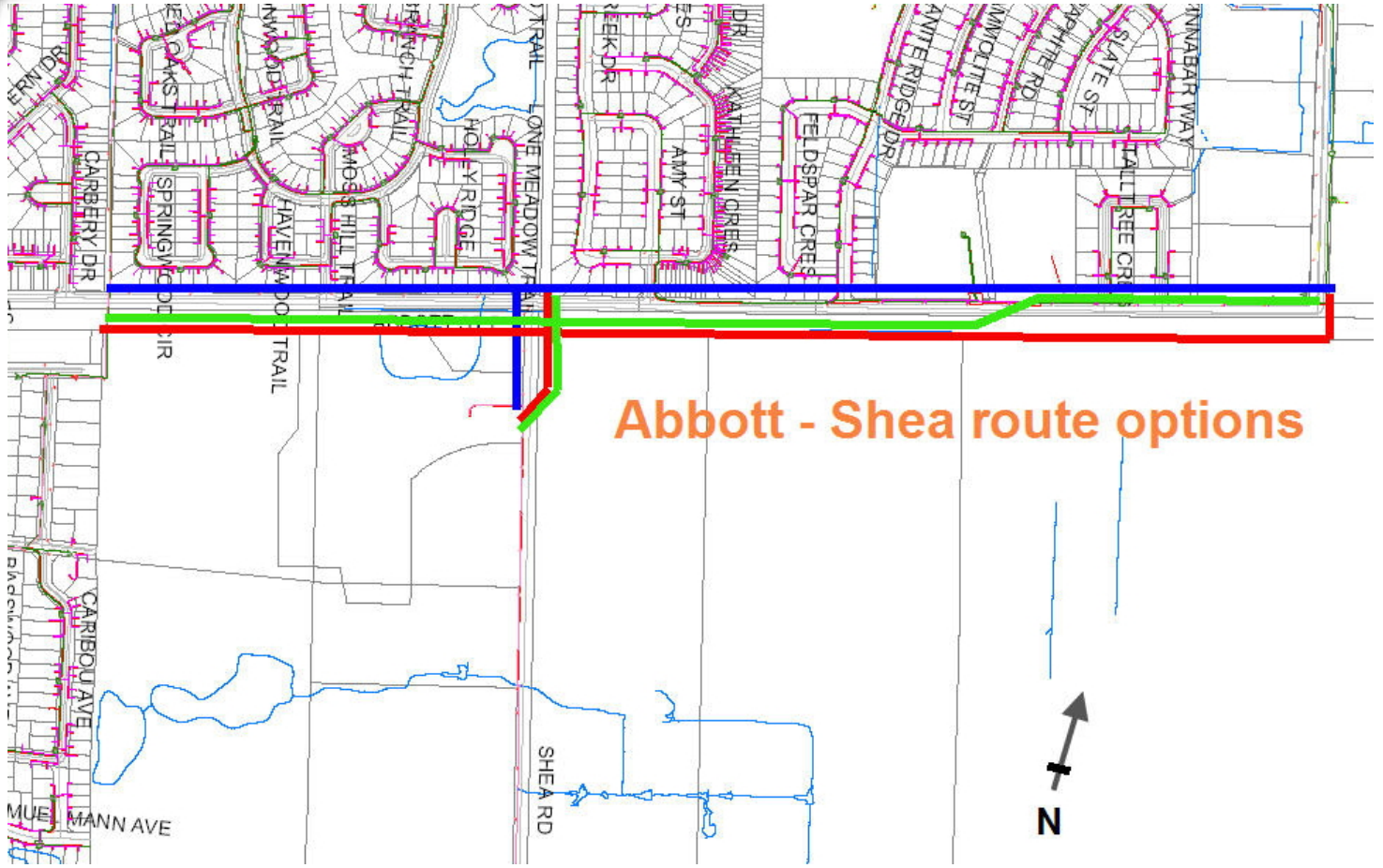
Effective November 1, 2007

# Overhead vs. Underground

- **Abbott & Shea Cost Differential:**
  - Overhead: \$1.25 million.
  - Underground: \$6.2 million.
- **Hydro Ottawa applies the same standard across its service territory.**
- **Hydro Ottawa will undertake underground installations along arterial roads if funded by other parties.**

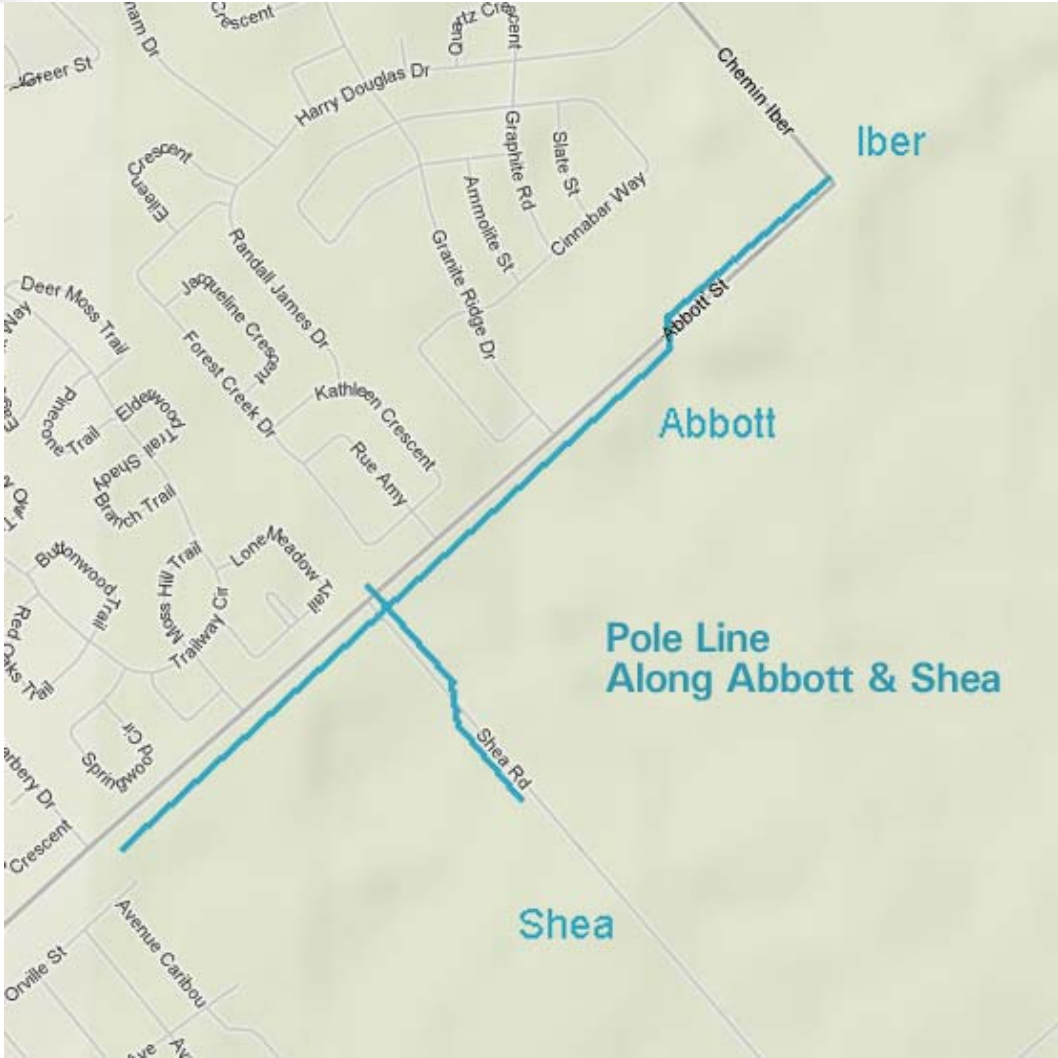


# Route Options



Abbott - Shea route options

# Pole Line Location



# Pole Line Location (Detail 1)



# Pole Line Location (Detail 2)



# Pole Line Location (Detail 3)



# Shea Road Line Extension





