

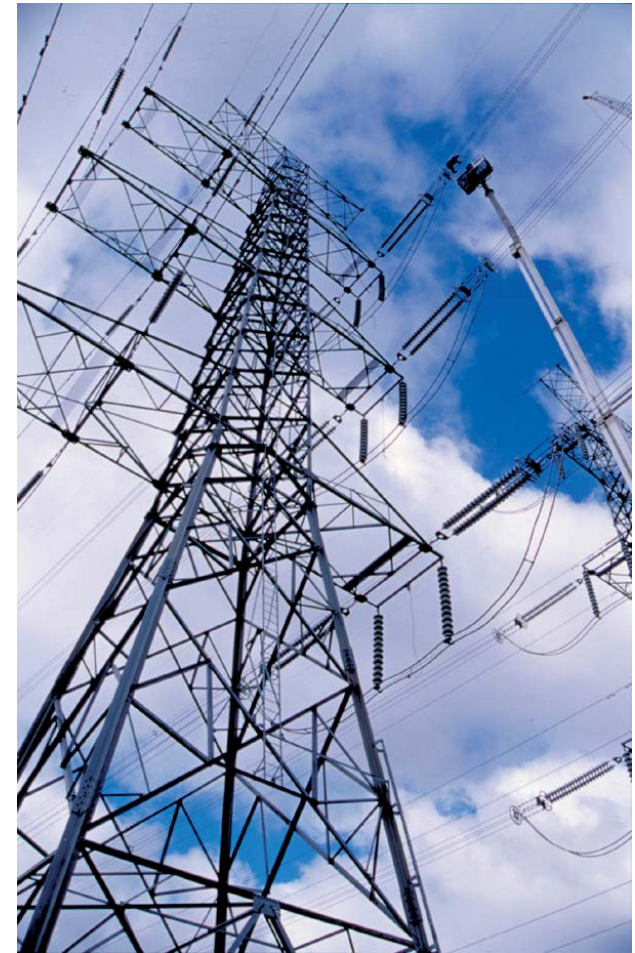
# Transmission Green Energy Plan

Transmission Rate Application  
2011-2012

Hydro One Networks  
Briefing for Stakeholders  
March 2, 2010

# Green Energy Plan: Scope

- A strategic overview of Hydro One's response to the *Green Energy & Green Economy Act, 2009*
- Descriptions of projects for which development work will be undertaken in 2011 and 2012
- Details for the four projects for which CWIP is requested for 2011 and 2012



# Goals

- Support the Government of Ontario's objectives in green energy
  - Expedite expansion of transmission capacity to remove bottlenecks to renewable generation
- Responsibly steward the use of ratepayers' funds
  - Work on projects for which the OPA has indicated potential need and urgency is highest
    - Need will be confirmed by the OPA in the Section 92 application.

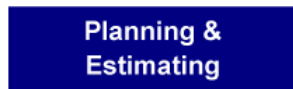
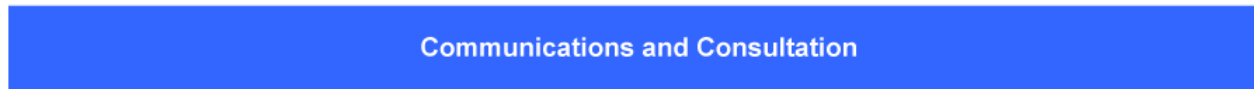
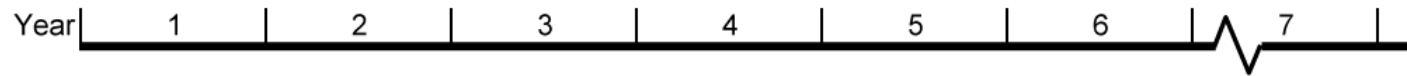
# Request for CWIP Inclusion in Rate Base

- Hydro One is requesting CWIP in rate base treatment for 4 projects following guidelines in the OEB's report on infrastructure investment issued in January of this year;
- The Plan will include sufficient project information for the OEB to affirm the need for the projects and why CWIP treatment is being sought.

# Development Timelines: Lines

## Illustrative Timelines for Major Transmission Projects

(Actual timelines will vary for each individual project.)



Section 92 (Leave to Construct) Approved



Environmental Assessment Terms of Reference Approved



Environmental Assessment Approved



**Legend**

- ◆ Submission
- ✓ Approval
- ⚡ In-Service
- ⚡ Wide Variance in Time

**Planning & Approvals**

**Construction**

OPA **identifies** potential need prior to start of Development work

OPA **confirms** need in Section 92 Application

OEB **affirms** need in Section 92 Approval

# Projects for which development work has begun or is planned

## Lines:

Northwest Transmission Expansion\*

Algoma x Sudbury Transmission Expansion

Goderich Area Enabler

North-South Transmission Expansion

Manitoulin Island Enabler

East-West Transmission Tie

West of London

## Stations:

Toronto Short Circuit Uprate (Hearn, Leaside, & Manby)

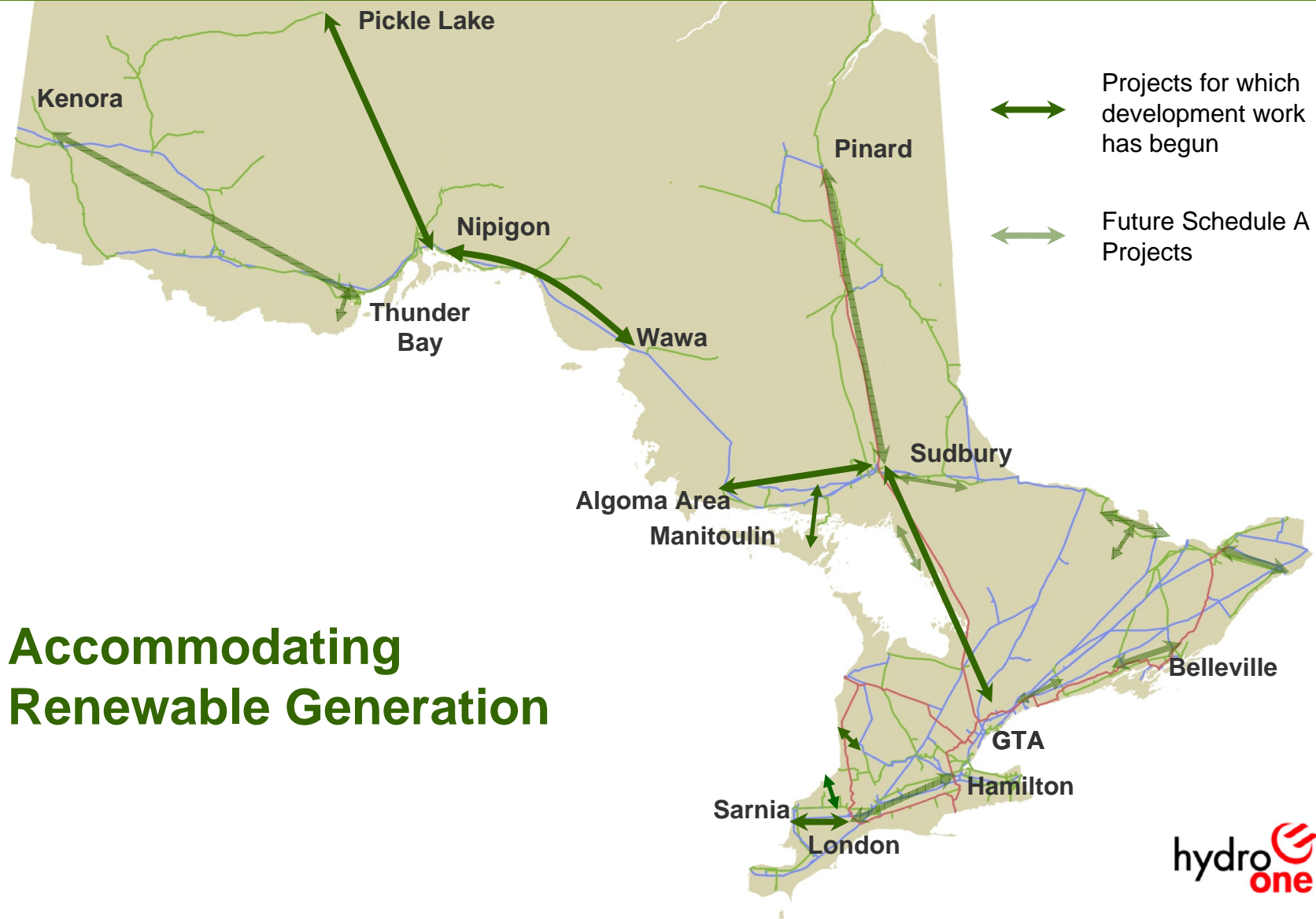
# CWIP Projects

		Cash Flow for Construction	
		2011	2012
<b>S92</b>	Northwest Transmission Expansion	\$17.9M	\$136.2M
<b>S92</b>	Goderich Area Enabler	-	\$5.1M
<b>S92</b>	Algoma x Sudbury Transmission Expansion	\$6.0M	\$66.1M
	Toronto Short Circuit Uprate	\$85.6M	\$59.2M

**S92** Section 92 (Leave to Construct) approval from the OEB is required for these projects prior to the start of construction.

**PRELIMINARY**

# TRANSMISSION LINES PROJECTS



## Accommodating Renewable Generation



PRELIMINARY