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.)

Year 1 2 3 4 5 6 7

Communications and Consultation

Planning & Estimating

Section 92 OEB Review

TOR

Environmental Assessment Terms of Reference Approved

Environmental Field Work

MOE Review

Environmental Assessment Approved

Acquisition of Property Rights

Construction

Legend

- Submission
- Approval
- In-Service
- Wide Variance in Time

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

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cash Flow for Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Northwest Transmission Expansion</strong></td>
<td>$17.9M</td>
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<tr>
<td><strong>Goderich Area Enabler</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Algoma x Sudbury Transmission Expansion</strong></td>
<td>$6.0M</td>
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<tr>
<td><strong>Toronto Short Circuit Uprate</strong></td>
<td>$85.6M</td>
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</tbody>
</table>

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