

Régie de l'énergie - Dossier R-3960-2016
Investissements Grand-Brûlé-Saint-Sauveur d'Hydro-Québec TransÉnergie

CANADA

PROVINCE DE QUÉBEC
DISTRICT DE MONTRÉAL

DOSSIER R-3960-2016

RÉGIE DE L'ÉNERGIE

INVESTISSEMENTS
GRAND-BRÛLÉ-SAINT-SAUVEUR
D'HYDRO-QUÉBEC TRANSÉNERGIE

HYDRO-QUÉBEC
En sa qualité de Transporteur

Demanderesse

-et-

STRATÉGIES ÉNERGÉTIQUES (S.É.)

ASSOCIATION QUÉBÉCOISE DE LUTTE
CONTRE LA POLLUTION ATMOSPHÉRIQUE
(AQLPA)

Intervenantes

ONTARIO INDEPENDENT ELECTRIC SYSTEM OPERATOR (IESO)

Page Internet, E-Transmission,

<http://www.powerauthority.on.ca/integrated-power-system-plan/e-transmission> .

Ce lien donne accès, publiquement, à plusieurs milliers de pages de « schémas unifilaires », « schémas de liaison », « schémas d'écoulement de puissance » et plans de développement de réseau électrique, couvrant toutes les régions de l'Ontario.

SÉ-AQLPA invitent respectueusement la Régie à considérer la totalité des milliers de pages auxquelles ce site donne accès, avec tous les schémas et plans de développement qu'il contient, comme si elles étaient déposées intégralement en preuve au présent dossier. À défaut, SÉ-AQLPA invitent la Régie à permettre le dépôt électronique intégral mais sans copie papier.

Déposé par :

Stratégies Énergétiques (S.É.)

Association québécoise de lutte contre la pollution atmosphérique (AQLPA)

Le 27 avril 2016

SÉ-AQLPA-3 Doc. 2 - ONTARIO INDEPENDENT ELECTRIC SYSTEM OPERATOR (IESO)

Lien vers la page Internet, E-Transmission

Déposé par :

Stratégies Énergétiques – Association québécoise de lutte contre la pollution atmosphérique (SÉ-AQLPA)

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SÉ-AQLPA-3 Doc. 2 - ONTARIO INDEPENDENT ELECTRIC SYSTEM OPERATOR (IESO)

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Déposé par :

Stratégies Énergétiques – Association québécoise de lutte contre la pollution atmosphérique (SÉ-AQLPA)

Power System Planning

Power System and Regional Planning

▶ Long-Term Energy Plan 2013

Presentations

Reports

Planning Archive

▶ Integrated Power System Plan 2011

▾ Integrated Power System Plan I

▶ A - Administration

▶ B - IPSP

▶ C - First Nations, Métis and Stakeholder Engagement (01)

▶ C - First Nations, Métis and Stakeholder Engagement (02 Continued)

▶ C - First Nations, Métis and Stakeholder Engagement (03 Concluded)

▶ D - Conservation and Supply Resources

▶ E - Transmission

▶ F - Procurement Process

▶ G - Plan Outcomes

▶ I - Interrogatory Responses

▶ J - Undertaking Responses

▶ K – Miscellaneous Exhibits Filed During The Hearing

▶ L – Evidence of Intervenor

▶ OPA Letters

▶ Ontario Energy Board Notices

Clean Energy Standard Offer Program

Simulated Wind Generation Data

E - TRANSMISSION

To view a PDF of the exhibit, please click the link on the exhibit number (i.e. E-1-1) or the Attachment.

- E-1-1** Structure of Transmission Evidence
- E-2-1** Overview of Transmission Planning
- E-2-2** Facilitating the Development and Use of Renewable Energy and Enabling 2010 and 2025 Renewable Targets
current version 080505 replaces original
[Attachment 1](#) All Inclusive LUEC Analysis of Renewable Resources
[Attachment 2](#) Study of Enabler Transmission in other Jurisdictions
- E-2-3** Integrating Conservation
- E-2-4** Enabling Nuclear
- E-2-5** Enabling Natural Gas
- E-2-6** Enabling Coal Replacement
- E-2-7** Ensuring Reliability

Projects to Facilitate and Enable Renewables

- E-3-1** North-South Transmission Reinforcement
current version 071019 - replaces original
[Attachment 1](#) IESO System Impact Assessment for North-South Tie Upgrade
[Attachment 2](#) IESO System Impact Assessment for North-South Tie Upgrade – Addendum
[Attachment 3](#) Hardy Stevenson Report for North-South Transmission Reinforcement
- E-3-2** Sudbury West Transmission Reinforcement
[Attachment 1](#) IESO Planning Study for Sudbury West Transmission Capability
- E-3-3** Sudbury North Transmission Reinforcement
current version 071019 - replaces original
[Attachment 1](#) IESO Planning Study for Sudbury North Transmission Capability
[Attachment 2](#) Hardy Stevenson Report for Sudbury North Transmission Reinforcement
- E-3-4** East Lake Superior Transmission Reinforcement

York Region Initiative

Supply Mix Advice (December 2005)

[Attachment 1](#) Great Lakes Power Planning Study for East Lake Superior Transmission Capability

[Attachment 2](#) Hardy Stevenson Report for East Lake Superior Transmission Reinforcement

E-3-5 Manitoba Purchase Incorporation

[Attachment 1](#) Dillon/Stantec Report

[Attachment 2](#) SNC Lavalin Report

E-3-6 Quebec/Labrador Purchase Incorporation

[Attachment 1](#) Hardy Stevenson Report for Quebec/Labrador Purchase

E-3-7 Incorporating Little Jackfish and East Lake Nipigon Renewable Resource Development

[Attachment 1](#) Hardy Stevenson Report for Little Jackfish and East Lake Nipigon Renewable Resource Development

E-3-8 Enabling Goderich Area Renewable Resource Development

E-3-9 Enabling Bruce Peninsula Renewable Resource Development

[Attachment 1](#) Hardy Stevenson Report for Bruce Peninsula Renewable Resource Development

E-3-10 Enabling Manitoulin Island Renewable Resource Development
current version 071019 - replaces original

[Attachment 1](#) Hardy Stevenson Report for Manitoulin Island Renewable Resource Development

Projects to Enable Nuclear

E-4-1 Oshawa Area Transformer Station
current version 071019 - replaces original

[Attachment 1](#) IESO Preliminary Assessment Report: Nuclear Scenarios in the GTA East

Projects to Ensure Reliability

E-5-1 Northern York Region

[Attachment 1](#) IESO Report: System Impact Assessment Report for Holland TS

E-5-2 Kitchener-Waterloo-Cambridge-Guelph
current version 080505 replaces version 071019 and original

[Attachment 1](#) IESO Report: System Impact Assessment for Cambridge Preston 115 /230 kV Auto

E-5-3 Southwest GTA
current version 080505 replaces version 071019 and original

[Attachment 1](#) IESO Preliminary Assessment Report: Richview – Manby Adequacy

[Attachment 2](#) IESO Preliminary Assessment Report: Generation Incorporation in

E-5-4 Windsor/Essex
current version 071019 - replaces original

[Attachment 1](#) IESO Report: System Impact Assessment Report for Belle River TS

E-5-5 Central & Downtown Toronto
current version 071019 - replaces original

[Attachment 1](#) IESO Preliminary Assessment Report: Manby/Leaside Normal and Emergency Transfer Study

[Attachment 2](#) IESO Preliminary Assessment Report: Manby – Leaside Adequacy

[Attachment 3](#) IESO Preliminary Assessment Report: New Transmission Options to Central Downtown Toronto

[Attachment 4](#) IESO Preliminary Assessment Report: Distribution Connected Generation in the Leaside 115 kV System

[Attachment 5](#) Hydro One: Summary of Asset Condition and Sustainment Plans for the Leaside and Manby 115 kV System

[Attachment 6](#) Hydro One: Toronto Third Supply Cost Estimates

[Attachment 7](#) Brookfield Power: Toronto Third Supply, HVDC Options for Supplying Downtown Toronto

[Attachment 8](#) Hardy-Stevenson: Project 7- Central and Downtown Toronto

E-5-6 Milton Transformer Station
current version 071019 - replaces original

Projects to Enable Coal Replacement

E-6-1 Thunder Bay Area

E-7-1 **Third Party Supporting Evidence referenced within various Transmission evidence exhibits**

[Attachment 1](#) NERC Transmission Planning Standards

[Attachment 2](#) NPCC Document A-2 – Basic Criteria for Design and Operation of Interconnected Systems

[Attachment 3](#) IESO Ontario Resource and Transmission Assessment Criteria (IMO_REQ_0041)

