Application for Electricity Transmission Licence
Chatham-Kent Transmission Inc.
Redacted Version

Application for Electricity Transmission Licence

Application Instructions

1. Purpose of this form

The purpose of this form is to collect information to determine whether the Applicant will be granted a licence to transmit electricity.

2. Structure of the Application Form

This form contains the following sections:

A General Information;

B Corporate Information;

C Notice and Consent;

D Acknowledgement

Note: The Board shall keep confidential the information in Item 10, Section B of this form, with the exception of the names and positions held of key individuals. All other information filed as part of this application will be considered public. Where the applicant objects to public disclosure of the information, the applicant must follow the Ontario Energy Board's approved Guidelines for Treatment of Filing made in confidence, effective March 19, 2001.

3. Completion Instructions

PRINT CLEARLY or TYPE all information in BLACK. Please send the completed form and two copies of all attachments to:

Board Secretary Ontario Energy Board 2300 Yonge Street P.O. Box 2319, 26th Floor Toronto, ON M4P 1E4

4. Licence Fees:

Application Fees:

A non-refundable application fee of \$800.00, in Canadian funds, is required to process your application. Please enclose a cheque or money order made payable to the **ONTARIO ENERGY BOARD**.

Note: The Licencee may be required to pay an annual fee.

5. Important Information:

As a licenced Electricity Transmitter, the licencee may be subject to additional obligations as required by the Independent Electricity System Operator (IESO) and as established under section 70 of the *Ontario Energy Board Act, 1998*. The issuance of an electricity transmission licence does not guarantee accreditation by the IESO or connection to a transmission or distribution system.

A. General information

1. Type of Application

New licence X

Renewal

Amendment to an existing Licence

2. Applicant

Please provide the following information about the Applicant Full Legal Name of Applicant: Chatham-Kent Transmission Inc.

Ontario Corporation Number, Canadian Corporation Number or Business Registration Number: 2259198

Date of Formation or Incorporation: October 5, 2010 Business Address: 320 Queen Street, P.O. Box 70

City: Chatham Province: Ontario Country: Canada

Postal/Zip Code: N7M 5K2 Phone Number: (519) 352 6300 FAX Number: (519) 351 4059

E-Mail Address (if applicable): davekenney@ckhydro.com

3. Primary Contact for this Application

Please provide the following information about the Primary Contact for this Application:

Mr. X Mrs. Miss Ms. Other:

Last Name: Kenney Full First Name: David

Initial: D

Position Held: President

Contact Address (if R.R., give Lot, Concession No. and Township): 320 Queen Street, P.O. Box 70

City: Chatham Province: Ontario Country: Canada

Postal/Zip Code: N7M 5K2 Phone Number: (519) 352 6300 FAX Number: (519) 351 4059

E-mail Address (if applicable): davekenney@ckhydro.com

4. Transmission Facilities

Please provide a description of the transmission facilities involved in this Application:

The initial project will be a line connection facility serving the requirements of the Pattern Energy Group ("Pattern"), consistent with the provisions of the Transmission System Code. The complete capacity of this transmission facility will be dedicated to serving Pattern; additional capacity is constrained by the current infrastructure of the Chatham Switching Station. As a development partner of the Korean Consortium, Pattern is jointly developing a wind renewable generation project in the Municipality of Chatham-Kent (the "South Kent Wind Project"). The transmission facility will be designed and constructed by Pattern under the conditions of their generator's license, as Pattern has extensive transmission experience. Subsequent to construction completion, Pattern will apply to the Ontario Energy Board for leave pursuant to Section 86 of the Ontario Energy Board Act to sell the transmission facility to Chatham-Kent Transmission ("the Applicant") at cost. Subject to Board approval, the Applicant would thereafter own and operate the transmission facilities. Costs will not be socialized and an approved Ontario Energy Board tariff sheet is not being sought. Costs will be recovered directly from Pattern in the form of contributed capital and operational cost recoveries under the terms of a 20-year commercial agreement to be mutually agreed upon between the two parties. The Applicant and Pattern will provide the Ontario Energy Board with the finalized commercial agreement between the two parties at the time of the Section 86 application.

The transmission facilities will be located within the Municipality of Chatham-Kent and are described as follows:

- Approximate capacity of up to 270 MW
- Approximately 33 km of 115 kV or 230kV transmission wire
- Approximately 5 km of 230 KV transmission wire
- Collector substation and associated transformers
- Interconnection to Hydro One Network Inc.'s Chatham Switching Station

Please refer to Exhibit G for a single-line diagram of the transmission facilities.

B. Corporate Information

Organizational

5. Business Classification

Please indicate the Applicant's Business Classification (check appropriate type below):

Sole Proprietor

Partnership

Corporation X

Other (describe)

6. Business Activities

Please provide a description of the Applicant's business activities:

Electrical transmission services (pending the approval of this application)

a) Please provide the following information for all Affiliates of the Applicant:

Full Legal Name of Affiliate Company: The Municipality of Chatham-Kent

Business Address: 315 King Street West

City: Chatham Prov: Ontario Country: Canada

Postal/Zip Code: N7M 1E8 Phone Number: (519) 436 3226

FAX Number: TBD

E-Mail Address (if applicable): randyhope@chatham-kent.ca

Description of Business Activities: Located between Lake Erie and Lake St. Clair on the south-western tip of Ontario, Chatham-Kent is a diverse municipality comprised of 23 communities covering a geographic area of 2,500 square kilometers. Traditionally, the automobile and agricultural industries have been the largest drivers of the local economy, however sustainable energy generation is now a significant focus. There have been applications to build approximately 21 wind farms in Chatham-Kent over the past six years, representing over 500 potential turbines. Currently, 203 turbines have been built or are nearing completion and approximately 200 are on the drawing board. The Municipality and Chatham-Kent Energy (an affiliate of Chatham-Kent Transmission) work with various energy companies, including Samsung and Pattern Energy, Kruger Energy, Boralex, Renewable Energy Systems, Invenergy, First Solar and Walpole Island First Nations Energy on renewable energy projects throughout the community.

b) Please attach a Corporate organization chart describing the relationships between the Applicant and its Affiliates and, if applicable, the respective ownership percentages by the Applicant in each Affiliate.

a) Please provide the following information for all Affiliates of the Applicant:

Full Legal Name of Affiliate Company: Corix Utilities Inc. Business Address: 1188 West Georgia Street, Suite 1160

City: Vancouver Prov: British Columbia Country: Canada

Postal/Zip Code: V6E 4A2 Phone Number: (604) 697 6711 FAX Number: (604) 697 6703

E-Mail Address (if applicable): <u>brett.hodson@corix.com</u>

Description of Business Activities: The Corix Group of Companies specialize in providing products and utility solutions for sustainable infrastructure in the water, wastewater and energy sectors for clients across North America. It has over 1,800 employees in 60 locations across North America. Corix is a private company whose primary owners are B.C. Investment Management Corporation and CAI Capital Management Inc.

For additional information on the Corix Group of Companies, please refer to Exhibit D.

b) Please attach a Corporate organization chart describing the relationships between the Applicant and its Affiliates and, if applicable, the respective ownership percentages by the Applicant in each Affiliate.

a) Please provide the following information for all Affiliates of the Applicant:

Full Legal Name of Affiliate Company: Chatham-Kent Hydro Inc.

Business Address: 320 Queen Street East

City: Chatham Prov: Ontario Country: Canada

Postal/Zip Code: N7M 5K2 Phone Number: (519) 352 6300 FAX Number: (519) 351 4059

E-Mail Address (if applicable): davekenney@ckhydro.com

Description of Business Activities: Chatham-Kent Hydro owns, operates and manages the assets associated with the distribution of electrical power within the territory set out in Electricity Distribution License ED-2002-0563. Please refer to Section 8 of this application for a complete listing of Chatham-Kent Hydro's service areas.

The mission of Chatham-Kent Hydro is to deliver electricity from the transmission grid to customers in a safe, reliable and efficient manner. Chatham-Kent Hydro is committed to competitive rates, environmental responsibility and to being on the leading edge of technical innovation. This commitment was demonstrated by Chatham-Kent Hydro being one of the first LDC's to install smart meters in Ontario, as well as having a distribution system that is integrated with GIS and SCADA.

b) Please attach a Corporate organization chart describing the relationships between the Applicant and its Affiliates and, if applicable, the respective ownership percentages by the Applicant in each Affiliate.

a) Please provide the following information for all Affiliates of the Applicant:

Full Legal Name of Affiliate Company: Middlesex Power Distribution Corporation

Business Address: 351 Frances Street

City: Strathroy Prov: Ontario Country: Canada

Postal/Zip Code: N7G 2L7 Phone Number: (519) 245 2010 FAX Number: (519) 245 5384

E-Mail Address (if applicable): davekenney@ckhydro.com

Description of Business Activities: Middlesex Power owns, operates and manages the assets associated with the distribution of electrical power within the territory set out in Electricity Distribution License ED 2003-0059. Please refer to Section 8 of this application for a complete listing of Middlesex Power's service areas.

The mission of Middlesex Power is to deliver electricity from the transmission grid to customers in a safe, reliable and efficient manner. Middlesex Power is committed to competitive rates, environmental responsibility and to being on the leading edge of technical innovation.

The service area of Middlesex Power has recently expanded with the acquisition of the former Dutton Hydro Limited and Newbury Power Inc.

b) Please attach a Corporate organization chart describing the relationships between the Applicant and its Affiliates and, if applicable, the respective ownership percentages by the Applicant in each Affiliate.

a) Please provide the following information for all Affiliates of the Applicant:

Full Legal Name of Affiliate Company: Chatham-Kent Utility Services Inc.

Business Address: 320 Queen Street East

City: Chatham Prov: Ontario Country: Canada

Postal/Zip Code: N7M 5K2 Phone Number: (519) 352 6300 FAX Number: (519) 351 4059

E-Mail Address (if applicable): tomomatesic@ckenergy.com

Description of Business Activities: Chatham-Kent Utility Services Inc. provides billing, collection, administration, financial and regulatory services to Chatham-Kent Hydro Inc., Middlesex Power Distribution Corporation and the Chatham-Kent Public Utilities Commission, which operates the water and waste-water systems in the Municipality of Chatham-Kent.

The mission of Chatham-Kent Utility Services is to provide responsive service levels at reasonable costs.

b) Please attach a Corporate organization chart describing the relationships between the Applicant and its Affiliates and, if applicable, the respective ownership percentages by the Applicant in each Affiliate.

8. Energy Sector Activities

Has the Applicant or an Affiliate undertaken any energy sector activities in Ontario or any other jurisdiction? Yes X No

If yes, please provide the following information for each:

Full Legal Name of Company: Chatham-Kent Hydro Inc.

Licence/Registration Number: ED-2002-0563

Jurisdiction: Chatham-Kent Hydro has an electrical distribution license in Ontario and a service territory comprised of the following communities: Town of Blenheim, Town of Bothwell, City of Chatham, Town of Dresden, Village of Erieau, Police Village of Merlin, Town of Ridgetown, Village of Thamesville, Town of Tilbury, Town of Wallaceburg, Village of Wheatley, and Part Lots 16 & 17, Concession A, Geographic Township of Ranleigh, designated as Part 1, Reference Plan 24R 7195, Municipality of Chatham-Kent, and Part Lot 17, Concession A, Geographic Township of Ranleigh, designated as Part 2, Reference Plan 7195, Municipality of Chatham-Kent

Type of Business Activity (e.g. Generation, Transmission, Distribution): Distribution

Full Legal Name of Company: Middlesex Power Distribution Corporation

Licence/Registration Number: ED-2003-0059

Jurisdiction: Middlesex Power Distribution has an electrical distribution license in Ontario and a service territory comprised of the following communities: Former Town of Strathroy, Former Police Village of Mount Brydges, Former Town of Parkhill, The Village of Dutton (now within the Municipality of Dutton/Dunwich), and The Village of Newbury

Type of Business Activity (e.g. Generation, Transmission, Distribution): Distribution

Full Legal Name of Company: Chatham-Kent Utility Services Inc.

Licence/Registration Number: ES-2009-0049

Jurisdiction: Ontario

Type of Business Activity (e.g. Generation, Transmission, Distribution): Sub-metering

Technical Capability and Experience 9. Technical Ability

a) Please describe the applicant's technical ability to carry out the activities applied for including the Applicant's specific experience in Ontario and in other jurisdictions.

Initially, the Applicant will rely upon the technical capabilities and experience of its affiliates to carry out the activities applied for.

The LDC affiliates of the Applicant, Chatham-Kent Hydro and Middlesex Power Distribution Corporation, have extensive experience with the construction and maintenance of electrical distribution systems in Ontario. The LDC's operate a combined service territory of 3,200 kilometers. Both LDC's have been IESO market participants since 2000, utilize both direct connect and embedded systems, and operate multiple feeder substations. Many affiliate staff have operated and maintained transmission lines and stations.

In addition, Chatham-Kent Hydro has twenty years of experience operating SCADA systems with remote breaker controls and multiple stations. The Chatham-Kent Hydro system has had embedded generation since 1997. Chatham-Kent Hydro and Middlesex Power Distribution Corporation are both authorized market participants (Chatham-Kent Hydro: ID# 102140; Middlesex Power Distribution Corporation: ID# 104296).

Another affiliate of the Applicant, Corix Utilities Inc. (refer to Exhibit A) was recently selected by the University of Oklahoma and the U.S. Army for multi-utility system partnerships that include electrical transmission and distribution.

The Applicant will also contract with consultants for additional expertise where needed. This will include Dillon Consulting Ltd., and other established transmission consultants when warranted.

Many of the affiliate staff that will be relied upon by the Applicant are key individuals referred to in Section 10 of this application and in the organizational structure shown in Exhibit B. Officers such as David Kenney and Daniel Charron have operated the transmission lines and stations of other utility companies. Another key individual is Chatham-Kent Hydro System Engineer Matthew Meloche, who possesses a Master's Degree in Electrical Engineering and has the knowledge and skills required for transmission. The experience and knowledge of these key individuals will be leveraged to operate and maintain a safe and reliable transmission system. The Applicant will also be retaining additional engineering and transmission expertise to assist in operating and maintaining the system.

The Applicant will ensure accounting, financial and records separation from all affiliates via a Services Agreement with Chatham-Kent Energy, Chatham-Kent Hydro and Chatham-Kent Utility Services. Security restrictions will be put in place to ensure that Applicant records are not available to non-shared affiliate staff. The Services Agreement will ensure that risks related to the provision of transmission services reside with the Applicant, will contain confidentiality provisions and will include a dispute resolution process relating to terms of implementation. The Applicant recognizes that the key shared individuals will be privy to confidential information for both the Applicant and its affiliates by means of conducting their day-to-day duties. The Applicant believes that any confidential information realized by shared staff related to a line connection transmission facility serving a single generator will not be of a competitive advantage to either LDC. However, the Applicant will ensure that all shared staff execute a confidentiality agreement to provide further assurance

The Services Agreement will cover the cost allocation and price methodology for lease charges on shared assets, including:

- Building space from Chatham-Kent Hydro
- Rolling stock to be shared with Chatham-Kent Hydro
- General office equipment to be shared with Chatham-Kent Utility Services
- Computer equipment, including computers, printers and photocopiers to be shared with Chatham-Kent Utility Services

The Services Agreement will also cover the cost allocation and pricing methodology for shared resources, including the following key individuals of the Applicant:

- President: David D. Kenney shared with Chatham-Kent Hydro
- Chief Administrative Officer: Tomo M. Matesic shared with Chatham-Kent Energy
- Chief Financial & Regulatory Officer: Christopher W. Cowell shared with Chatham-Kent Energy
- Chief Operating Officer: Daniel T. Charron shared with Chatham-Kent Hydro
- Director of Operations: Simon S. Bruinsma shared with Chatham-Kent Hydro
- Director of Regulatory Affairs & Risk Management: David C. Ferguson shared with Chatham-Kent Utility Services
- System Engineer: Matthew Meloche share with Chatham-Kent Hydro

Please refer to Section 10 of this application for the technical experience of these key individuals.

b) If the Applicant intends to utilize the capability of others by contracting transmission activities, please indicate below which activities and to whom they will be contracted:

X Design Contracted to: Pattern Energy Group

X Construction Contracted to: Pattern Energy Group

X Customer Connection Contracted to: Pattern Energy Group

Inspection & Maintenance Contracted to:

Operation Contracted to:

Other (describe) Contracted to:

X Design Consultation Contracted to: Dillon Consulting Limited

The Applicant's affiliates have existing relationships with other consultants who can be called upon as needed, including: K-Line Maintenance & Construction Limited and Siemens Canada Limited.

10. Information About Each Key Individual

(Note: This section removed to protect confidentiality.)

11. Financial Information

Please attach financial statements of the Applicant for each of the past two fiscal years. This may include audited financial statements, annual reports, prospectuses or other such information.

Financial support for Chatham-Kent Transmission will be provided by Chatham-Kent Energy, and its shareholders the Municipality of Chatham-Kent and Corix Utilities.

- Please refer to Exhibit C for Chatham-Kent Energy audited financial statements for the years ended December 31, 2009 and December 31, 2008
- Please refer to Exhibit D for financial support information from the Corix Group of Companies
- Please refer to Exhibit E for financial support information from a major Canadian financial institution

Transmission Facilities Information 12. Facilities

Please indicate whether the Applicant's transmission facilities are:

New assets to be constructed? X

Proposed In-service date: 2013 Q1

Please attach a statement explaining the financing arrangements.

The initial project will be financed 25% equity and 75% debt.

The equity component will be provided by the Applicant's parent company, Chatham-Kent Energy, from its existing shareholder's equity. Chatham-Kent Energy has a credit rating of "A / Stable" from Standard & Poor's and has significant borrowing capacity due to its strong balance sheet (refer to Exhibit C). Chatham-Kent Energy's shareholders, the Municipality of Chatham-Kent Energy and Corix Utilities, also have strong balance sheets and can provide equity or debt to support future project requirements.

The debt component will be financed over 20 years, bearing interest at a rate to be negotiated. The Applicant has confirmed the availability of debt funding for this and other projects from multiple funding sources, including:

- The Corix Group of Companies (refer to Exhibit D)
- A major Canadian financial institution (refer to Exhibit E)
- Other project participants

The Applicant will respect the Affiliate Relationship Code and ensure that the borrowing capacity of its LDC affiliates is not impeded.

Existing assets presently owned by the Applicant? N/A

Existing assets not presently owned by the applicant (i.e. to be purchased)? N/A Please indicate from whom assets will be purchased:

Other (describe) N/A

13. Purpose of Facilities

Please indicate the intended purpose(s) of the Applicant's transmission facilities:

 ${\sf X}$ To provide a connection between a generator and a transmission system.

To provide a connection between a transmission system and a load customer.

To provide a connection between a generator and a load customer.

To provide a connection between one transmission system and another

To import or export power

Other (please describe):		

If parties other than the Applicant are involved, please indicate the specific names of the participants (generator, load customer, transmission system(s):

Generator: Pattern Energy Group (in partnership with the Korean Consortium)

Transmission System: Chatham-Kent Transmission, with final connection to Hydro One Networks Inc.

Pattern, partnering with Samsung C&T Corporation and Korea Electric Power Corporation (collectively, the "Korean Consortium"), has been approved to build a 270 MW wind energy project (the South Kent Wind Project), located within the Municipality of Chatham-Kent in south western Ontario. The combined project has a targeted commercial operation date of December 2012. Once complete, it will provide clean and renewable energy equal to the power needs of 70,000 local homes.

The Province of Ontario announcement of January 21, 2010 states the following about the Green Energy Investment with the Korean Consortium:

"The Consortium's renewable energy projects will deliver an estimated 110 million megawatt-hours of emissions-free electricity over the 25-year lifetime of the project. That's enough power to supply the electricity needs of all Ontario homes for nearly three years. Over the lifetime of these contracts, the wind and solar projects will displace 40 Megatonnes of carbon dioxide (CO2, the leading greenhouse gas) compared to what would be emitted by equivalent gas-fired generation. That's equivalent to removing every single car off Ontario roads for one year. The 2,500 MW of wind and solar power capacity to be built by the Consortium will triple Ontario's renewable wind and solar energy generation."

In addition, Brad Duguid, Ontario's Minister of Energy Infrastructure, indicated the following

"This is a huge achievement for Ontario and we look forward to more green energy success stories. These projects will help clean up our air and replace dirty, coal-fired generation as well as bring more green-collar jobs to communities across the province."

Pattern is one of North America's leading independent wind and transmission companies. Pattern has projects of over 520 MW in operation and under construction, and is led by a seasoned management team that has worked together for nearly 10 years. Pattern has many years of experience developing, managing construction and operating both High Voltage AC and DC transmission lines. Commitment to community is one of Pattern's core values, and is dedicated to building strong relationships with landowners, communities, business partners and customers. For additional details on Pattern, please refer to Exhibit F.

The initial project will be a line connection facility serving the requirements of the Pattern Energy Group ("Pattern"), consistent with the provisions of the Transmission System Code. The complete capacity of this transmission facility will be dedicated to serving Pattern; additional capacity is constrained by the current infrastructure of the Chatham Switching Station. As a development partner of the Korean Consortium, Pattern is jointly developing a wind renewable generation project in the Municipality of Chatham-Kent (the "South Kent Wind Project"). The transmission facility will be designed and constructed by Pattern under the conditions of their generator's license, as Pattern has extensive transmission experience. Subsequent to construction completion, Pattern will apply to the Ontario Energy Board for leave pursuant to Section 86 of the Ontario Energy Board Act to sell the transmission facility to Chatham-Kent Transmission ("the Applicant") at cost. Subject to Board approval, the Applicant would thereafter own and operate the transmission facilities. Costs will not be socialized and an approved Ontario Energy Board tariff sheet is not being sought. Costs will be recovered directly from Pattern in the form of contributed capital and operational cost recoveries under the terms of a 20-year commercial agreement to be mutually agreed upon between the two parties. The Applicant and Pattern will provide the Ontario Energy Board with the finalized commercial agreement between the two parties at the time of the Section 86 application.

14. Location of Facilities

Please indicate the location (township or other such description as appropriate) of the Applicant's transmission facilities and attach a single-line diagram indicating the length (km), capacity (MW) and operating voltage (kV) of each element.

The transmission facilities will be located in the Municipality of Chatham-Kent. Please refer to Section 4 of this application for additional details.

Please refer to Exhibit G for a single-line diagram.

15. Licensing History

Has the Applicant obtained Ontario Energy Board, National Energy Board, Federal Energy Regulatory Commission or any other regulatory approvals required for the acquisition, construction or operation of the transmission facilities?

Yes No X

If no, please indicate the status and plans for seeking these approvals.

The initial project will be a line connection facility serving the requirements of the Pattern Energy Group ("Pattern"), consistent with the provisions of the Transmission System Code. The complete capacity of this transmission facility will be dedicated to serving Pattern; additional capacity is constrained by the current infrastructure of the Chatham Switching Station. As a development partner of the Korean Consortium, Pattern is jointly developing a wind renewable generation project in the Municipality of Chatham-Kent (the "South Kent Wind Project"). The transmission facility will be designed and constructed by Pattern under the conditions of their generator's license, as Pattern has extensive transmission experience. Subsequent to construction completion, Pattern will apply to the Ontario Energy Board for leave pursuant to Section 86 of the Ontario Energy Board Act to sell the transmission facility to Chatham-Kent Transmission ("the Applicant") at cost. Subject to Board approval, the Applicant would thereafter own and operate the transmission facilities. Costs will not be socialized and an approved Ontario Energy Board tariff sheet is not being sought. Costs will be recovered directly from Pattern in the form of contributed capital and operational cost recoveries under the terms of a 20-year commercial agreement to be mutually agreed upon between the two parties. The Applicant and Pattern will provide the Ontario Energy Board with the finalized commercial agreement between the two parties at the time of the Section 86 application.

The Korean Consortium has previously obtained approval for this project from the Minister of Energy and Infrastructure. Please refer to Exhibit H for additional detail.

Chatham-Kent Transmission is not aware of any required approvals from either the National Energy Board or the Federal Energy Regulatory Commission.

16. Service to other parties

If the transmission facilities are to be used to deliver electricity to a party other than the Applicant, please attach the following:

- a) a summary of business plans relating to the Applicant's proposed transmission business for the next five years. This should include the following:
 - a forecast of annual peak demand (MW) and energy (MWH) transmitted and/or transformed.
 - Kent Wind Project: total connected capacity of up to 270 MW and 950,000 MWh annual energy
 - annual pro forma financial statements including forecasts of costs, revenues and project financing indicating the underlying assumptions on which the forecasts are based.
 - Please refer to Exhibit I for Chatham-Kent Transmission pro forma financial statements.
- b) estimates of net annual cash flows for subsequent periods to demonstrate financial feasibility and security
 - Please refer to Exhibit I for Chatham-Kent Transmission pro forma financial statements.
- c) indication of the Applicant's plans to seek Ontario Energy Board approval for rates for transmission services

The initial project will be a line connection facility serving the requirements of the Pattern Energy Group ("Pattern"), consistent with the provisions of the Transmission System Code. The complete capacity of this transmission facility will be dedicated to serving Pattern; additional capacity is constrained by the current infrastructure of the Chatham Switching Station. As a development partner of the Korean Consortium, Pattern is jointly developing a wind renewable generation project in the Municipality of Chatham-Kent (the "South Kent Wind Project"). The transmission facility will be designed and constructed by Pattern under the conditions of their generator's license, as Pattern has extensive transmission experience. Subsequent to construction completion, Pattern will apply to the Ontario Energy Board for leave pursuant to Section 86 of the Ontario Energy Board Act to sell the transmission facility to Chatham-Kent Transmission ("the Applicant") at cost. Subject to Board approval, the Applicant would thereafter own and operate the transmission facilities. Costs will not be socialized and an approved Ontario Energy Board tariff sheet is not being sought. Costs will be recovered directly from Pattern in the form of contributed capital and operational cost recoveries under the terms of a 20-year commercial agreement to be mutually agreed upon between the two parties. The Applicant and Pattern will provide the Ontario Energy Board with the finalized commercial agreement between the two parties at the time of the Section 86 application.

17. Proposed business transactions impact

Please provide a brief summary of the expected impact of the proposed business transactions on the Ontario electricity market under the following headings:

- Facilitate competition and enhance access to transmission services
 - The proposed transmission facilities will connect already approved generation in a timely manner
 - The utility services corridor and proposed transmission infrastructure may provide connection future capacity to projects identified in the post-ECT process
 - The Applicant is prepared to participate in future transmission system expansions as may be required under Ontario's Long Term Energy Plan ("LTEP")
- Improve reliability and quality of supply
 - The proposed circuits will be utilized for generation only, which will isolate them from load customers and potential quality and reliability issues this has been confirmed by the draft CIA issued by Hydro One
 - Transmission facilities are inherently more reliable and offer a very safe and secure means of connecting generation to the grid
- Promote economic and efficient electrical energy supply
 - The establishment of a utility corridor for the proposed transmission facilities will provide a go forward opportunity to consolidate poles and wires is in the public interest there are a significant number of renewable wind and solar projects in development in the region and there is a desire by the Municipality and residents to use right-of-ways as efficiently as possible to ensure the rational expansion of transmission assets
 - The proposed project consolidates transmission and distribution facilities off of public right-of-ways as much as possible, while providing a technically superior solution to the connection of substantial renewable energy resources to the grid
 - The separation of generation from load customers promotes efficient energy supply

Other Information

18. Ontario market activities

Please indicate whether the Applicant intends to be involved with other electricity sector activities in the Ontario market?

Buy or Sell (Wholesale) electricity	Yes	X No				
Distribute electricity		Yes	X No			
Retail electricity	Yes	X No				
Generate electricity		Yes	X No			
If yes to any of the above:						
a) If affiliates have not yet been established	ed, pleas	e indicate	e when this is planned			
The Applicant, Chatham-Kent Transmission, intend to be directly involved in any of the a			olved with transmission in Ontario and does not ities.			
The applicant has established affiliates, Chatham-Kent Hydro (ED 2002-0563) and Middlesex Power Distribution Corporation (ED 2003-0059). These companies are Ontario local distribution companies involved in the distribution of electricity.						
b) Has Applicant or an affiliate applied for an Ontario Energy Board Licence?						
		X Yes	No			
- If no, when planned?						

C. Notice and Consent

AS REQUIRED BY THE FREEDOM OF INFORMATION AND PROTECTION OF INDIVIDUAL PRIVACY ACT

In order to complete or verify the information provided on this form, it may be necessary for the Ontario Energy Board to collect additional information from some or all of the following sources: federal, provincial/state and municipal governments; licensing bodies; banks; professional and industry associations; and former and current employers. **Only information relevant to your application will be collected.**

The public official who can answer questions about the collection of information is:

Board Secretary Ontario Energy Board 2300 Yonge Street, P.O. Box 2319 Toronto, Ontario M4P 1E4

Note: The issuance of an electricity transmitter licence does not guarantee accreditation by the IESO, or connection to a transmission or distribution system.

NOTE: This application must be signed by the proprietor or by at least one partner, officer or director of the organization.

WARNING: It is an offence to knowingly provide false information on this application. I/We consent to the collection of this information as authorized under the *Ontario Energy Board Act, 1998*.

X Yes

I/We understand that this information will be used to determine whether I am/we are and remain qualified for the licence for which I am/we are applying.

X Yes

Print Name and Title: David D. Kenney, President - Chatham-Kent Transmission Inc.

Signature of Applicant(s):

Date Signed: November 12, 2010

D. Acknowledgement

NOTE: This acknowledgement must be signed by the proprietor or by at least one partner, officer or director of the organization.

I understand and acknowledge that, as a licenced electricity transmitter, I will be required, unless otherwise exempted:

- To provide non-discriminatory access to all persons wishing to connect to the transmission system.
- To comply with all licence conditions including the provisions of:
- The Ontario Energy Board Affiliate Relationships Code for Electricity Distributors and Transmitters
- The Ontario Energy Board Transmission System Code
- The Market Rules made under section 32 of the Electricity Act.

Print Name and Title: David D. Kenney, President – Chatham-Kent Transmission Inc.

Signature of Applicant(s)

Date Signed: November 12, 2010

CHECKLIST

Have You:

- 1. Properly and fully completed this form? (Illegible, incomplete or improperly completed forms do not qualify for registration and will be delayed or returned.)
- 2. Enclosed a cheque or money order payable to the **ONTARIO ENERGY BOARD** in the amount prescribed (\$800.00Cdn.)?
- 3. Attached two copies of all financial information specified in Section B?
- 4. Attached Section C, the signed "Notice and Consent" form, as specified?
- 5. Attached Section D, the "Acknowledgement" form, as specified?

Please send the completed form and all attachments to:

Board Secretary Ontario Energy Board 2300 Yonge Street P.O. Box 2319, 26th Floor Toronto, ON M4P 1E4

NOTE: You are not required to return the cover page or this checklist to the Ontario Energy Board.

Exhibit A

Corporate Organization Chart – The Chatham-Kent Energy Group

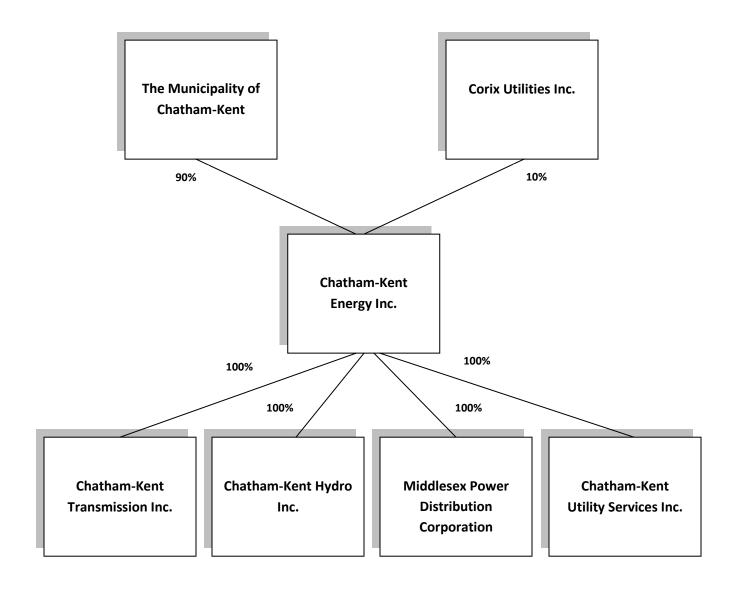


Exhibit B

Chatham-Kent Transmission Board of Directors & Officers

Board of Directors

Chairman:

Michael W. Grail

Secretary:

James A. Hogan

Fred A. Hassan

Brett Hodson

Randy R. Hope

Brian McKerlie

Officers

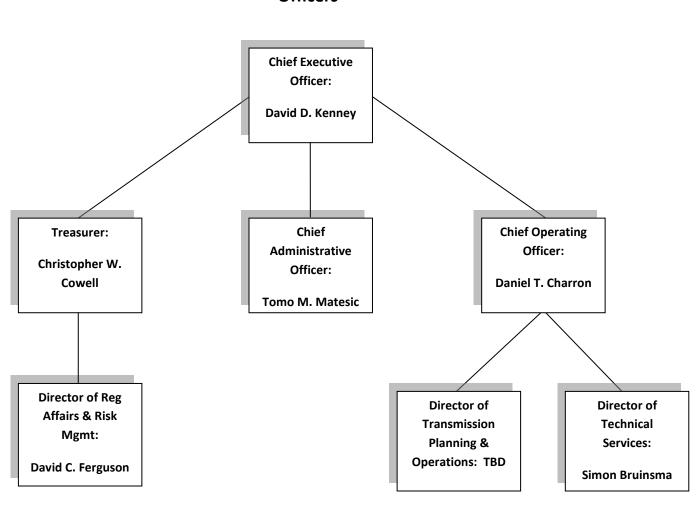


Exhibit C

Chatham-Kent Energy Inc. Financial Statements for the Years Ended December 31, 2009 and December 31, 2008

Exhibit D

Financial Support Information from the Corix Group of Companies

Corix is a privately held Canadian corporation principally owned by British Columbia Investment Management Corporation ("bcIMC"), CAI Capital Partners ("CAI"), Banyan Capital Partners ("Banyan"), and the Corix executive management team. Corix Utilities Inc. is a British Columbia company and is extra-provincially registered in Alberta, Saskatchewan, Manitoba, Ontario and Quebec. Corix has a strong financial history of consistent growth and stable revenue generation.

bcIMC, CAI and Banyan are the principal financial shareholders in Corix and have indicated a willingness to continue to supply additional equity capital to support and execute Corix's business development opportunities.

British Columbia Investment Management Corporation

bcIMC provides fund management services for public bodies such as the Province of British Columbia, publicly administered trust funds, and public sector pension plans. bcIMC manages 67 pooled investment funds that cover all major assets classes. Its investment activities help to finance the retirement benefits of more than 440,000 residents of British Columbia, including college instructors and staff, municipal and healthcare workers, firefighters, police officers, public servants and teachers. In addition, bcIMC's investment activities help to finance the insurance funds that cover almost two million workers and 197,000 employers in British Columbia. With assets under administration of almost \$80 billion as of March 31, 2010, bcIMC is a Canadian leader in investment fund management.

CAI

Founded in 1989, CAI is a private equity firm specializing in buyouts, restructurings, acquisitions, recapitalizations and other corporate growth initiatives. CAI acquires significant ownership positions in North American companies, then fully utilizes the firm's extensive experience and resources to achieve strategic objectives. CAI seeks to create partnerships that are uniquely capable of reaching common goals and attaining superior investment performance. CAI has invested or placed with co-investors over \$1.3 billion in equity or equity-related investments to help fund growth and corporate transition in companies throughout North America.

Banyan

Banyan is a private equity firm located in Vancouver, British Columbia that invests in and buys middle-market companies located primarily in Western Canada and the northwestern United States. Banyan has \$140 million of committed capital under management. Its investor base includes two of Canada's largest pension funds, one of the largest financial institutions in the United States, a multi-billion dollar Japanese trading company and Connor, Clark & Lunn Financial Group, one of Canada's largest independent money management firms.

Ability to Interim Finance

Corix has borrowing capacity of \$150 million through a \$100 million revolving credit facility and a \$50 million accordion to its credit facility. This capacity can be used to fund interim financing for projects. Corix can also access interim financing from its shareholders and external partners.

Long-Term Financing

Whether through ownership or contract, Corix is well established for long-term investments in capital infrastructure. The following are some examples of Corix's long-term investment projects:

Table 1: Long-Term Investment Projects

				Investment \$		
Utility	Pop.	Туре	Initial	Subsequent	Build Out (if applicable)	
Regent Park Energy Inc.	12,500 (projected)	Owner (40%)	\$12 Million ('08)	-	\$35 Million	
University of Oklahoma – Multi- Utility	Approx. 26,000	50 year contract				
US Army Bases in Alaska – Multi- Utility	Equiv. to 30,000 in three base installations	50 year contract		5 Total \$280 million Total \$1.5 b		
Fairbanks, AK – Sewer & Water	55,000 (current)	Owner (100%)				
Heritage Point Development, AB – Sewer & Water	1,500 (projected)	Owner	-		Total \$1.5 billion	
Rise Development, BC – Geothermal	2,000 (projected)	Owner	Total \$325 million			
Riverport Development, BC – Sewer	850 (comm) (current)	Owner				
City of Langford, BC – Sewer	21,000 (current)	21+21 year Franchise				
City of North Vancouver, BC – District Energy	6,000 (projected)	10+10 year Contract	-			
Panorama Mountain Village, BC – Multi Utility	4,200 (projected)	Owner	-			
Sun Rivers Community, BC – Multi-Utility	7,000 (projected)	114 year Franchise	-			

Equity Investments

One of Corix's core businesses is the long-term investment of equity in capital infrastructure related businesses and projects. As such it has extensive experience in making equity investments. The following table is a list of recent notable examples:

Table 2: Equity Investments

Business	Year	Portion Acquired	Total Investment
University of Oklahoma	2010	50-year Concession Agreement	
Fairbanks Sewer and Water	2009	Remaining 50%	
Regent Park CES	2008	40%	
Barber Group of Companies	2008	100%	
Chatham-Kent Energy Ltd.	2008	10%	\$185 Million
Edward S. Walsh, CA - Water Products	2007	100%	Ç103 Million
Specialty Equipment Ltd., BC - Water Systems	2007	100%	
Ontario Water Products, ON - Water Products	2006	100%	
Clearwater Inc, BC - Water Systems	2005	100%	
Fieldtech Inc, WI & Measurement Solutions International LLC, NJ - Utility Metering	2004	Various %	

Corix has experienced strong revenue growth over the past 5 years with an average annual increase of 19%. Over the same period, EBITDA has grown at an annual rate of 30%. Correspondingly, we have also increased our asset base through a number of key investments and our employee base has also increased to provide appropriate support without adding undue costs to our operations. The table below summarizes the performance of Corix and our affiliated companies in the past five years:

Table 3: Corix Inc. Performance

Year Ended (December 31)	Aggregate Revenue (millions)	Asset Base (millions)	Employees (approximate to March 2010)
2009	\$403.6	\$550.0	1,852
2008	\$384.4	\$380.4	1,400
2007	\$328.4	\$253.8	1,200
2006	\$281.4	\$259.6	960
2005	\$205.2	\$161.8	800

2004	\$158.9	\$131.4	700

Exhibit E

Financial Support from a Major Canadian Financial Institution

(Note: This exhibit removed to protect confidentiality)

Exhibit F

Pattern Energy Group

Company Overview

The Pattern Energy Group is one of North America's leading independent wind and transmission companies. Pattern's mission is to provide our customers with clean, renewable energy, which it seeks to achieve by developing, constructing, owning and operating projects that are built for lasting success. Pattern identifies high-value opportunities in the renewable energy sector and then creates and implements plans to convert those opportunities into operating assets. This allows Pattern to deliver exceptional results for the benefit of all our stakeholders. Pattern has projects totaling over 520 MW in operation and under construction and has many years of experience developing, managing construction and operating both High Voltage AC and DC transmission lines. This includes the 52 mile Trans Bay Cable a 400 MW DC undersea transmission project serving approximately 40% of the load in the city of San Francisco. The Pattern Team has developed, permitted, financed, constructed and operated over one hundred miles of high voltage AC transmission lines associated with the Wind Farms they have developed.

In addition, Pattern is growing and building on its current development pipeline, which includes over 4,000 MW of wind power and multiple transmission projects in the United States, Canada and Latin America.

Pattern is a U.S.-based company led by a committed and seasoned management team whose members, each with over 20 years experience in the energy industry, have worked together for nearly 10 years. As a team they have developed, financed and managed more than \$4 billion of energy assets.

The senior management team is supported by a deep and talented bench of scientists, engineers, financial experts, and construction and operations specialists who bring expertise and a rigorous analytical perspective to all aspects of our business. Every decision made is grounded in their insights and discoveries. Pattern's people are driven by a creative entrepreneurial spirit, and sustained by years of experience. Pattern's successful track record comes from this pragmatic yet passionate approach.

Commitment to community is one of Pattern's core values. Pattern is dedicated to building strong relationships with employees, landowners, communities, business partners, and customers. Pattern is also committed to the environment, and makes effort to take the time to understand and minimize its projects' impact on local habitat and wildlife. These values are supported by a strong company culture that fosters innovative and critical thinking, collaborative problem-solving, and a deep belief in living up to our promises.

Facilitating work is a financial strength of Pattern. The company is well-capitalized with significant capital reserves and no corporate debt. Pattern benefits from the partnership of its major stakeholder, a renewable energy investment fund managed by Riverstone Holdings LLC, an energy and power-focused investment firm. Riverstone's support allows Pattern to secure and arrange ample capital for the development, construction and operation of all of its projects.

Key Team Members - Technical Experience

Mike Garland, Chief Executive Officer

Michael Garland has over 25 years of experience developing, constructing, managing and investing in infrastructure in the US and around the world. Prior to starting Pattern Energy, Mr. Garland was head of Babcock & Brown's North American Infrastructure Group. His experience includes creating and advising on government privatizations, transactions in the energy, transport and water sectors, and overseeing Babcock & Brown's

infrastructure advisory and investment businesses in North America. Mr. Garland holds a Bachelor of Arts in physics from the University of California at Berkeley and is a registered representative of NASD. He is based in the San Francisco in the Pattern Energy headquarters.

Hunter Armistead, Executive Director

Mr. Armistead has 14 years of experience in infrastructure. Prior to starting Pattern Energy, he led Babcock & Brown's energy efforts in North America. Under his leadership, Babcock & Brown grew to become a leader in wind energy with more than 20 wind farms in operation across the US, as well as more than 25 wind farms in various stages of development throughout North America that now are owned by Pattern Energy. Mr. Armistead manages Pattern Energy's full-service wind energy business in the U.S. and Canada (including development, construction, finance, and operations). Mr. Armistead worked in the US finance area at Edison Mission Energy and held senior development positions in the power area at Conoco and in the industrial control area at Honeywell. He holds a Bachelor of Science in Electrical Engineering from Rice University.

David Parquet, Director of Solar, Fossil & Transmission Development

David Parquet leads Pattern Energy's development of solar, fossil and transmission development. Prior to starting Pattern Energy, Mr. Parquet led Babcock & Brown's North American Infrastructure Group's development activities. He has over 20 years of infrastructure development experience and has specific expertise with joint venture and PPP negotiation and management, political and regulatory strategy, policy development and implementation, and gas and power marketing. Prior to Babcock & Brown, Mr. Parquet headed Enron North America Corporation's power plant development efforts in the western US that delivered 2000 MW to the Western US electricity grid. Previous to that, he held senior positions in energy project development and environmental systems supply companies with responsibilities including executive and board of directors management; project acquisition, development, management and operations; and product and marketing management.

Mr. Parquet was one of the original members of the Board of Governors of the California Independent System Operator. Mr. Parquet has been a member of the deal team involved with the Cross Sound Cable transaction. He is currently leading Pattern Energy's efforts managing the development of the Trans Bay Cable project, a 55-mile subsea high voltage direct current electricity cable connecting the electricity transmission grid in Pittsburg, California to that in San Francisco. Mr. Parquet holds a Bachelor of Science in mechanical engineering from Iowa State University and a Master of Business Administration in finance from the University of California at Berkeley. He is also a registered professional engineer in mechanical engineering in California.

Theodore Hofbauer, Jr., Director of Operations & Maintenance

Ted is responsible for the long term Asset Management of Pattern's wind energy generation facilities. His primary responsibility is to ensure the safe and reliable operation of wind assets. He has the single point accountability for the Operations and Maintenance services of all wind energy facilities managed by Pattern.

Mr. Hofbauer has over 28 years experience in the power industry and includes domestic and overseas management positions in Due Diligence, Fleet Technical Services, Operations and Maintenance with P&L responsibility, Project Management, and Safety Compliance. He is well qualified in all aspects of wind power plant development, commissioning and Operations and Maintenance. Prior to accepting a recent position with Pattern Energy in March 2010, Mr. Hofbauer served as British Petroleum's (BP) Alternative Energy Asset Director, from 2007 to March 2010. Prior to BP, Mr. Hofbauer held positions with Florida Power and Light (FPL), Duke Energy and NRG Power Operations. Mr. Hofbauer has a BS in Electrical Engineering and a Master of Business Administration from Almeda University.

Dean Russell, Director of Construction Services

Mr. Russell has 35 years experience in the power industry and has been responsible for the design and construction of many power generation facilities ranging from conventional fossil and alternative fuel fired power plants to simple and combined-cycle gas turbines. Prior to Pattern, Mr. Russell joined Babcock & Brown in 2002

and has managed the construction of more than 1250 MW of wind energy projects, with another 570 MW currently in construction. The wind projects involved the construction of approximately 20 substations and more than 150 miles of high voltage transmission lines. Mr. Russell is also responsible for managing the construction of Babcock & Brown's Trans Bay Cable project, a 400 MW HVDC transmission project serving the San Francisco peninsula.

Prior to joining Babcock & Brown, Mr. Russell worked as a private consultant for various engineering and construction firms in the power industry. His previous work has included design engineering, site construction management, commissioning, and the executive management of construction, operation, and maintenance of power plant facilities. Mr. Russell has a BS in Mechanical Engineering, Oregon State University 1973 and was a licensed professional engineer in Oregon and California

Colin Edwards, Senior Developer, Canada

Mr. Edwards is responsible for Pattern's portfolio of Canadian wind development projects. Prior to joining Pattern Energy, Mr. Edwards spent 3 years in infrastructure finance, energy M&A and renewable energy development with Babcock & Brown and ABN AMRO. Prior to joining ABN AMRO, Mr. Edwards was Vice President with RBC Capital Markets, advising clients on mergers, acquisitions and financings in the energy and infrastructure sectors. Mr. Edwards holds an MBA from the Richard Ivey School of Business, a Bachelor of Arts (Economics) from the University of Calgary, and is a CFA Charterholder.

Stan Gray, Senior Developer Transmission

Mr. Gray is a registered Professional Engineer in the State of Oregon with 22 years experience as a transmission planning engineer for Portland General Electric in Portland Oregon. He spent 4 years working on transmission and interconnection issues for Enron generation projects worldwide as both a contract engineer and Enron Employee working on all aspects of transmission including policy, generation interconnection and delivery.

He has worked for 9 years in the renewable business developing, and managing transmission and interconnection issues for over 3,000 MW of wind generation in most regions of the US, Canada and several plants in South America.

He is located in Vancouver, Washington. He currently works on transmission development and interconnection issues for Pattern Energy Group LP, a renewable and transmission development company with main offices in San Francisco and Houston. Pattern developed over 2000 MW of wind farms as Babcock & Brown and now as Pattern has several hundred MWs of wind farms under construction with a development pipeline exceeding 4000 MW.

Kim Sachtleben, Development & Market Analysis Manager

Ms.Sachtleben has been involved in the wind energy industry since the inception of Superior Renewable Energy in 2002 which was later acquired by Babcock & Brown in 2006. Ms. Sachtleben joined Pattern Energy when Investor Group Riverstone acquired the wind development group from Babcock & Brown in June 2009. She focuses on the development of US and Canadian wind projects, including site assessment, design, environmental permitting, transmission interconnection and financial analysis. She holds a Bachelor of Science in Mechanical Engineering and a minor in Mathematics from the University of Houston and a Master of Business Administration from the Jones School of Business at Rice University.

Exhibit G – Single Line Diagram

Proposed Transmission Project

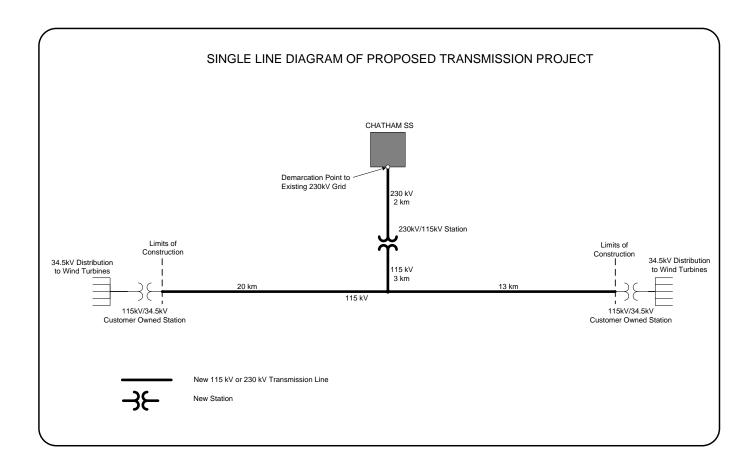


Exhibit H

Korean Consortium Approval

In January2010, the Province of Ontario executed an agreement with a consortium, comprised of Samsung C&T Corporation and the Korea Power Electric Corporation, which will triple Ontario's renewable wind and solar energy generation and lead to manufacturing facilities being constructed in Ontario. The agreement stems from opportunities created for developers and investors through Ontario's Green Energy Act, and is expected to be among the first of many major investments to result from the leadership position Ontario has taken in green energy. The Consortium is committed to the construction of 2,500 megawatts (MW) of renewable energy generation, 2,000 MW of wind power and 500 MW of solar. Construction is expected to occur in five phases, commencing in 2012. The first phase of the project is scheduled to be completed in 38 months. It will be a 500MW cluster (400MW of wind and 100MW of solar) that will be built in the Chatham-Kent and Haldimand County regions of Southern Ontario.

In connection with the projects in Chatham-Kent and Haldimand County, the following paragraph is excerpted from an Order from the Honourable Brad Duguid, Minister of Energy Infrastructure, dated April 1, 2010:

"The Government of Ontario has entered into a Green Energy Investment Agreement (the "Agreement") with Samsung C&T Corporation and Korea Electric Power Corporation (collectively, the "Korean Consortium"). Under the terms of this Agreement, the Korean Consortium has agreed to develop 2,500 megawatts (MW) of wind and solar renewable generation projects in Ontario in five Phases. The Korean Consortium has further committed to bringing manufacturing plants to Ontario to manufacture wind and solar generation components. The Agreement is structured such that Phase 1 provides for Targeted Generation Capacity of 400 MW of wind and 100 MW of solar with the Targeted Commercial Operation Date of March 31, 2013, With respect to Phase 1, on September 30, 2009, my predecessor directed the OPA, in carrying out the Transmission Availability Test under the Ontario Power Authority's Feed-In Tariff (FIT) Program Rules, to hold in reserve 240 MW of transmission capacity in Haldimand County and a total transmission capacity of up to 260 MWh in Essex County and the Municipality of Chatham-Kent jointly for renewable energy generating facilities whose proponents have signed a province-wide framework agreement."

The Korean Consortium and its development partner, Pattern Energy Group, are jointly developing a 270 MW project in the Municipality of Chatham-Kent. The Project is named South Kent Wind Farm and is presently working through the Renewable Energy Approval Process with a target commercial operation date of December 2012. Additional information on the South Kent Wind Farm is available in the Project Description Report, filed in accordance with OREG 359/09, and can be located at www.southkentwind.ca. The South Kent Wind Farm will be connected at the Chatham SS in accordance with the transmission allocation as described in the Ministerial Order above.

Exhibit I

Chatham-Kent Transmission Inc. Prospective Financial Statements

(Note: This exhibit removed to protect confidentiality)