APPENDIX A

CONSULTATION RECORDS

APPENDIX A.1

NOTICE OF COMMENCEMENT

NOTICE OF COMMENCEMENT

ENVIRONMENTAL SCREENING FOR THE PROPOSED ADELAIDE WIND FARM

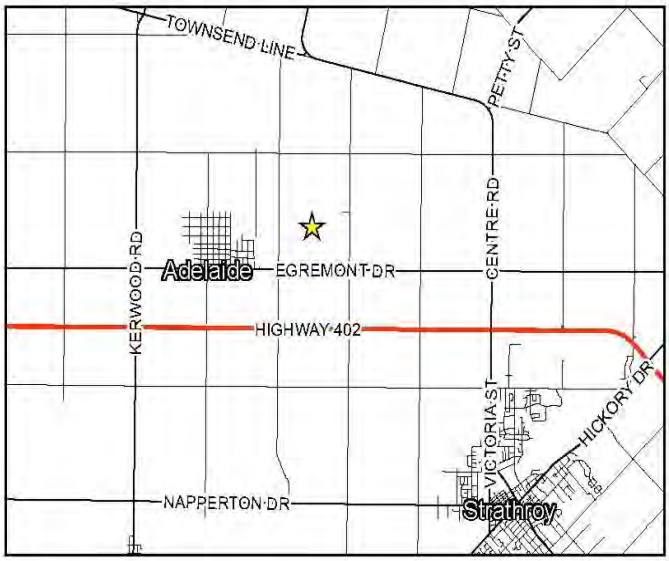
Air Energy TCI Inc (AET) is commencing an environmental screening of the Adelaide Wind Farm (the project), to be located west of Centre Road and north of Hwy 402 in the vicinity of the village of Adelaide, Ontario. The project is being developed in response to the Ontario Ministry of Energy's desire to procure 2500 MW of renewable power generation.

Project Description

AET is proposing to develop a wind project with a generation capacity of approximately 75MW. The project would involve the erection of wind turbines including temporary and permanent access roads, cabling, and other ancillary works.

Proponent

AET, is the North American branch of TCI Renewables and part of the TCI Group. The company is a leading independent renewable energy business with offices in the United Kingdom and Canada, and interests in over 30 wind power projects in these countries and the United States.



The Environmental Screening Process

The Adelaide Wind Farm is subject to the Environmental Screening Process for electricity projects as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001) and Ontario Regulation 116/01. This notice is to inform you that AET is commencing an environmental screening of the Adelaide Wind Farm.

Generally, the Environmental Screening for the project involves identifying the proposed project, determining potential environmental effects, developing mitigation measures, consulting with agencies, the public and First Nations, and preparing an Environmental Screening Report that is submitted for review.

Your Role

AET is committed to consulting throughout the Environmental Screening Process. The details public meetings will be advertised locally. The first meeting is planned for **Tuesday 12 February 2008, from 12 – 3 pm and 5 – 8pm at the Adelaide-Metcalfe Municipal Office, Rental Hall, 2340 Egremont Drive, Strathroy, ON.** Everyone Welcome.

Please direct all comments, questions, or information requests that you may have about the project to the following individuals:

Mark Gallagher
Air Energy TCI Inc
381 Rue Notre-Dame (Ouest)
Montreal, PQ H2Y 1V2
Toll Free : 1-888 842-1923 Fax: (514) 842-7904
Email: **mark.gallagher@tci.net**
Website: www.tcirenewables.com

Jeff Wright
Golder Associates Ltd.
2390 Argentia Rd., Mississauga, ON L5Z 5Z7
Toll free: 1-800-414-8314 Fax: (905) 567-6561
Email: jawright@golder.com

APPENDIX A.2

COMMUNICATIONS LOG

Communication between Air Energy TCI and Government and Other Agencies[1]

Government Contact	Mode of Communication	Date	Topic
Agency Consultation			
Federal			
Indian and Northern Affairs Canada (INAC)- Specific Claims Branch	INAC letter to AET	9/4/2007	Response to a request for information about First Nation specific land claims in Lambton and Middlesex Counties. Stated there are specific claims in the two counties for the Caldwell, Chippewas of Kettle and Stony Point, Chippewas of the Thames First Nation, Munsee-Delaware Nation, Oneida Nation of the Thames, and Walpole Island First Nations (addresses and telephone numbers provided). Also recommended that the following are kept informed of AET's intentions: Aamjiwnaang, Mississaugas of the New Credit, Six Nations of the Grand River, and Moravian of the Thames.
Indian and Northern Affairs Canada - Comprehensive Claims Branch	INAC letter to AET	2/8/2008	Confirmed there are no comprehensive claims in Middlesex County.
Environment Canada (EC)	Golder email to EC	3/12/2008	Request for feedback on the proposed Avian Use Surveys for the Adelaide Project area.
Canadian Environmental Assessment Agency (CEAA), Ontario Region	AET letter to CEAA	3/31/2008	Provided further information regarding the application of CEAA to the Adelaide Wind Farm and guidance on the information requirements for the ecoENERGY Renewable Power Program regarding electromagnetic interference (EMI).
CEAA, Ontario Region	Golder phoned CEAA	11/7/2008	Inquired about CEAA's role in coordinating wind power EA projects in Ontario, specifically for the Adelaide project. CEAA suggested that NRCan be contacted directly regarding questions about wind farm CEAA triggers, because the ecoENERGY program is under NRCan and ecoENERGY funding is a CEAA trigger.
Fisheries and Oceans Canada (DFO)	Golder phoned DFO	4/4/2008	Requested Species At Risk (SAR) information for aquatic species in the project area.
Natural Resources Canada (NRCan)	NRCan phoned AET	5/20/2008	Discussed prioritizing projects by commissioning date.

[1] As per Section A.6.2.5 (Documentation) in the Guide to EA Requirements for Electricity Projects (MOE, 2001), copies of all correspondence related to the Environmental Screening Process can be made available for public or agency review upon request.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Natural Resources Canada	NRCan email to AET	5/21/2008	Requested any guidance documents for the Environmental Assessment, for including the CANWEA/RABC guideline on assessing EMI.
Natural Resources Canada	AET to NRCan	03/10/2009	Sent an email to NRCan in response to a status update request.
Natural Resources Canada	NRCan email to AET	03/112009	Indicated that the Project will trigger a federal EA when a contribution agreement is signed with NRCan. Encouraged AET to follow Environmental Impact Statement Guidelines for a federal EA when carrying out the provincial EA.
Navigation Canada	AET email to NavCan	3/30/2009	AET delivered the final layout (#27) to the Land Uses department at NavCan.
Transport Canada (TC)	AET email to TC	4/1/2009	AET delivered the final layout (#27) to TC as well as the Aeronautical Obstruction Clearance Form.
TC Canada	TC email to AET	4/23/2009	Approved the Aeronautical Obstruction Clearance Form submitted by AET– indicated that Turbine #16 needs to be lit. Copy of form provided at end of table.
Provincial			
Ministry of the Environment (MOE)	MOE emailed AET	3/12/2009	Recommended that AET provide a draft version of the ESR to the MOE prior to issuing the Notice of Completion. This would allow AET to respond to any comments from the MOE in the final ESR.
Ministry of the Environment (MOE)	Golder email to MOE	4/2/2009	Requested a meeting to discuss the noise modeling component of the Project.
Ministry of the Environment (MOE)	Golder meeting with MOE	4/8/2009	Discussion on noise modeling methods used for Project and approach used for the effects assessment.
Ministry of the Environment (MOE)	MOE email to Golder	4/27/2009	Request for update on the status of the Notice of Completion. AET followed up on this request.
Ministry of the Environment (MOE)	Golder email to MOE	4/28/2009	Provided MOE with a status update on the pre-submission draft review of the Project by MNR and additional sections requested.
Ministry of Aboriginal Affairs (MAA)	Letter to AET from MAA	2/1/2008	Outlined the roles and responsibilities of the MAA and the relationship to the project.
Ministry of Natural Resources (MNR)	Ongoing correspondence between Golder and MNR	3/11/2008 to 3/12/2008	Golder sent outline of the proposed Adelaide Wind Farm bat survey methods for comment and review by MNR. MNR stated that they had no response.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Ministry of Natural Resources (MNR)	MNR phoned Golder	4/6/2008	No associated requirements for amphibian surveys with environmental assessments for wind farms.
Ministry of Transportation (MTO)	AET emailed MTO	2/9/2009	Requested clarification on two issues: 1) Locations of two access point off of Highway 6 are acceptable to MTO 2) Proximity of access roads is acceptable (45 m from highway)
Ministry of Culture (MC)	MC phoned AET	8/2/2007	Responded to an information request from AET regarding reported archaeological resources. Recommended contacting the Local Architectural Conservation Advisory Committee to find out if the subject property has any designations under Part IV or V of the Ontario Heritage Act.
Ministry of Culture	MC phoned AET	12/5/2007	Responded to a request for information from AET regarding the potential for archaeological or cultural potential on numerous sites, including the Adelaide site. Compliance with any conservation recommendations made in the reports are mandatory.
Ministry of Culture	Golder phoned MC	2/18/2009	MC confirmed the staking for the archeological sites during the Stage 2 assessment and to notify construction crews to avoid the archeological sites during turbine placement and construction. If the stake out is to avoid large sites, then a Stage 3 assessment is required and MC should be notified.
Ministry of Culture	MC emailed Golder	4/30/2009	MC confirmed receiving the Stage 1 Archaeological Assessment for the Project.
Hydro One Inc. (Hydro)	AET email to Hydro	1/28/2009	Request to provide advice on the finalization of turbine locations.
Hydro One Inc.	Hydro email to AET	1/28/2009	DG Connections Group to provide support if needed.
Conservation Authorities			
Ausable Bayfield Conservation Authority (ABCA)	ABCA email to Golder	3/17/2008	Responded to a request for historical fisheries and benthic invertebrate data available for the Adelaide study site.
Ausable Bayfield Conservation Authority	ABCA email to AET	9/21/2007	Responded to a request for advice and input, specifically if the Adelaide-Metcalfe site location is affected by flooding or may require permits.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Ausable Bayfield Conservation Authority	Golder email to ABCA and AET	12/10/2008	Meeting request for discussion of the permitting process for the project with regards to watercourse crossings / work in and around Regulation Limit boundaries and significant woodlands.
Ausable Bayfield Conservation Authority	ABCA email to Golder	12/10/2008	Request for clarification on the Regulation Limits shown on maps provided for the project area. Follow-up clarification provided by Golder.
Ausable Bayfield Conservation Authority	Conference call with AET, Golder and ABCA	12/12/2008	Discussion of access roads and permits required under the Conservation Authority Act and fees associated with the application. A letter of advice will likely be provided if crossings cannot be dealt with under an Operational Statement.
St. Clair Region Conservation Authority (SCRCA)	SCRCA email to Golder	9/7/2007	The Project is located mainly in the Ausable Bayfield Conservation Authority watershed and there are no concerns from a hazard standpoint for the very small portion that is in the St. Clair Region watershed.
St. Clair Region Conservation Authority	SCRCA phoned Golder	5/23/2008	Responded to a request for historical fish collection data, benthic macroinvertebrate data and maps.
St. Clair Region Conservation Authority	SCRCA phoned Golder	8/29/2008	Followed-up on a previous request for Regulation Limit mapping and provided Golder with a pdf version of the mapping.
St. Clair Region Conservation Authority	SCRCA email to Golder	2/23/2009	SCRCA provided and approved the use of updated Regulation Limit maps for ESR/EIS with the caveat that SCRCA's Regulation Limit boundaries are in draft form.
Middlesex County			
County of Middlesex	AET letter to County of Middlesex	11/14/2007	Formal registration of AET's interest in developing a wind power project in the Adelaide area.
County of Middlesex	Golder phoned County of Middlesex	2/24/2009	Discussed information on other projects in pre-planning, or planning stages within the County of Middlesex as part of cumulative effects assessment.
Township of Adelaide Metcalf			
Township of Adelaide Metcalfe (TAM)	AET letter to TAM	10/29/2007	Discussed the Council meeting on October 15, 2007 and invited any comments or concerns regarding the Project.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Township of Adelaide Metcalfe	AET letter to TAM	11/14/2007	Additional land secured under option in the Adelaide area, and a number of studies would get underway over the next few weeks. In addition, general information was provided on the planned information evening for local residents in the community (to be held in 2008).
Township of Adelaide Metcalfe	AET letter to TAM	10/6/2008	Asked for letter of support and proposed agreement to Township Council.
Township of Adelaide Metcalfe	AET letter to TAM	10/7/2008	AET sent first application for zoning for two turbines.
Township of Adelaide Metcalfe	TAM letter to AET	11/13/2008	Township replied that their lawyers were reviewing the community contribution agreement.
Township of Adelaide Metcalfe	AET letter to TAM	11/27/2008	AET responded to TAM.
Township of Adelaide Metcalfe	Conference Call with AET and TAM	1/23/2009	Discussed review of the community contribution agreement with lawyers and township planner.
Township of Adelaide Metcalfe	Golder phoned TAM	2/19/2009	Discussed information on other projects in pre-planning, or planning stages within the Township of Adelaide Metcalfe.
Township of Adelaide Metcalfe	AET letter to TAM	3/2/2009	AET sent second application for zoning for ten turbines.
Township of Adelaide Metcalfe	AET letter to TAM	5/13/2009	AET sent pre-submission draft of ESR / EIS to TAM for information purposes.
GSP Group (GSPG)(on behalf of TAM)	AET letter to GSPG	11/14/2007	Formal registration of a wind power project in the Adelaide area. AET provided information on the two wind met monitoring towers, upcoming bird monitoring studies and provided a project site map for comments and requested a meeting in the future.
GSP Group (on behalf of TAM)	AET letter to GSPG	1/15/2009	Request for notification list for who would be at the next Zoning By-Law Amendment (ZBA) meeting.
GSP Group (on behalf of TAM)	GSPG letter to AET	1/16/2009	Responded to a request for the mailing list for land owners affected by the ZBA
GSP Group (on behalf of TAM)	GSPG email to AET	1/19/2009	Responded to an email from AET requesting a mailing list for landowners affected by the ZBA.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
GSP Group (on behalf of TAM)	GSPG email to AET	1/16/2009	Responded to an inquiry from AET regarding the noise modeling for Vacant Lots within the Study Area. On vacant lots an acceptable noise receptor location would be consistent with the typical building pattern in the area.
GSP Group (on behalf of TAM)	GSPG email to AET	1/19/2009	Responded to an email from AET regarding noise modeling and vacant lots, the suggested approach should be fine.
GSP Group (on behalf of TAM)	Golder phoned GSPG	2/19/2009	Discussed information on other projects in pre-planning, or planning stages within the Township of Adelaide Metcalfe for cumulative effects assessment.
GSP Group (on behalf of TAM)	GSPG letter to AET	3/11/2009	Accepted the noise study process proposed by Golder.
GSP Group (on behalf of TAM)	GSPG email to AET	3/19/2009	Responded to a request from AET regarding the requirement of a traffic study by the Official Plan. GSP Group indicated that a traffic study is not required.
GSP Group (on behalf of TAM)	GSPG email to AET	4/6/2009	Provided a memo regarding building permits as they relate to noise modeling for this Project.
Additional municipalities			
Township of Strathoy Caradoc	AET letter to Strathroy Caradoc	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Township of Strathoy Caradoc	Golder phoned Strathroy Caradoc	2/19/2009	Discussed information on other projects in pre-planning, or planning stages within the Municipality of Strathoy Caradoc.
Township of Strathoy Caradoc	Strathroy Caradoc email to Golder	2/19/2009	Identified a proposed retirement residence in Strathroy as a new project that may need to be considered as part of the cumulative effects assessment.
Municipality of North Middlesex (MNM)	AET letter to MNM	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Municipality of North Middlesex	Golder phoned MNM	2/23/2009	Discussed information on other projects in pre-planning, or planning stages within the Municipality of North Middlesex as part of the cumulative effects assessment.
Municipality of Warwick (MW)	AET letter to MW	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Municipality of Southwest Middlesex (MSM)	AET letter to MSM	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Municipality of Middlesex Centre (MMC)	AET letter to MMC	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Municipality of Middlesex Centre (MMC)	Golder phone MMC	3/4/2009	Inquired about other projects in pre-planning or planning stages within Middlesex Centre as part of the cumulative effects assessment.
Municipality of Brooke Alviston (MBA)	AET letter to MBA	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Municipality of Newbury (MN)	AET letter to MN	6/24/2008	AET letter to inform about the Project and enclosed the Notice of Commencement on the Environmental Screening.
Municipality of Lambton Shores (LS)	Golder phoned LS	2/23/2009 3/4/2009 3/10/2009	Requested information about other development projects in LS that may need to be considered as part of the cumulative effects assessment. Three proposed wind farm developments in the general area: Proof line, Forest and Ravenswood.
County of Lambton	Golder phoned County of Lambton	2/23/2009	Discussed information on other projects in pre-planning, or planning stages within the County of Lambton as part of the cumulative effects assessment.
Electromagnetic Interference (EMI) Consultation			
GMCO	GMCO email to AET	2/22/2008	Stated that the Project would not interfere with the public safety mobile communications system as long as it remains within the boundaries of the area identified in the Notice of Commencement.
GMCO	AET email to GMCO	3/10/2009	Indicated that the environmental studies have been completed and that the layout had changed. Asked GMCO to review this new layout and provide feedback.
GMCO	GMCO email to AET	3/30/2009	Indicated that the new layout had been sent to microwave engineer. Engineer confirmed that the layout should not cause harmful interference to the microwave system that supports Ontario's public safety mobile radio system.
Department of National Defense (DND)	DND email to AET	2/28/2008	DND modeling indicates no conflict with any current radar installations.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Department of National Defense (DND)	YHR email to DND	1/21/2009	Requested information on DND systems within the proximity of the Project area.
Department of National Defense (DND)	DND email to YHR	1/21/2009	No objections or concerns about the effects of the Project on DND radiocommunication systems.
Department of National Defense (DND)	DND email to YHR	2/12/2009	Stated that the modeling indicates no conflict with current radar installations.
NAV CANADA	NAV CANADA email to AET	2/19/2008	Stated that in order to complete a comprehensive assessment of the potential impacts a wind farm may have on instruments and/or facilities, they require detailed information on turbine heights, elevations, coordinates, etc.
NAV CANADA	AET email to NAV CANADA	3/30/2009	Sent final layout to NAV CANADA through the land use proposal process.
Natural Resources Canada (NRCan)	YRH email to NRCan	12/17/2008	Request for information about distance guidelines from stations and arrays.
Natural Resources Canada (NRCan)	NRCan email to YRH	12/18/2008	Provided information about three issues: 1) Distance to the nearest station 2) Nature of the station 3) Legislative responsibility for the station Indicated that there may be a potential impact on a facility which NRCan has no legislative responsibility to protect. NRCan plans to issues a notice stating the concern, but will not register a formal objection.
Environment Canada - Meteorological Service of Canada	EC email to AET AET email to EC	3/26/2008	Agreement for Environment Canada to conduct a preliminary analysis of the wind farm impact on the nearby weather radars and provide opinions when it is done. Requested turbine coordinates, tower height, tower diameter, rotor diameter. AET provided the proposed turbine type, tower drawing for reference and also attached a map of the site area for review, and will forward the exact locations for each turbine as they are finalized.
Mobile Communication Services (MCS)	YHR email to MCS	1/21/2009	Requested information on DND systems within the proximity of the Project area.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Mobile Communication Services (MCS)	MCS email to YHR	2/3/2009	No radio issues arising from a wind power project in this area.
Royal Canadian Mounted Police (RCMP)	RCMP email to AET	4/1/2008	RCMP Mobile Communications Office has no foreseeable radio communications problems with a wind farm in this location.
Royal Canadian Mounted Police (RCMP)	RCMP email to YRH	2/3/2009	RCMP Mobile Communications Office has no foreseeable radio communications problems with a wind farm in this location (comment based on a subsequent layout provided by AET).
Industry Canada (IC)- Central and Western Ontario District	IC email to AET	4/8/2008	Adelaide Wind Farm area has numerous VHF radio systems operated by local farming operations, numerous cellular towers and their associated microwave links can be found in all directions around the proposed area.
Geological Survey of Canada Seismology and Geomagnetism / Natural Resources Canada	NRCan email to AET	4/17/2008	NRCan wishes to be involved in the discussions alongside Professor Brown (University of Western Ontario), since the potentially-impacted facility (microbarograph instruments recently installed at the Elginfield Observatory) is jointly operated.
Radio Advisory Board of Canada (RABC)	RABC email to AET	5/14/2008	No concerns about the wind farm proposal.
University of Western Ontario (Western) - Department of Physics and Astronomy	Western email to AET	2/20/2008	Sent an email regarding information on the Adelaide Wind Farm Project forwarded by NRCan. Has concern with effect of the turbine noise on their sensitive array of microbarograph instruments recently installed at the Elginfield Observatory.
University of Western Ontario - Department of Physics and Astronomy	Western email to AET	2/26/2008	Information about the Project was forwarded by NRCan. Concern with the sensitive research equipment near the Adelaide Project Site; a noise profile would be helpful.
University of Western Ontario - Department of Physics and Astronomy	Western email to AET	4/18/2008	Discussion on the proposed Adelaide Wind Farm, and the potential for interference with sensitive equipment at the Elginfield Observatory.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
CBC Technology (CBC)	CBC email to AET	4/21/2008	In order to determine if AET has to undertake a detailed impact analysis on CBC/Radio-Canada's services referred to the "Technical Information and Guidelines on the Assessment of the Potential Impact of Wind Turbines on Radiocommunication, Radar and Seismoacoustic Systems".
Telus	Telus email to AET	6/5/2008	Confirmed the Project site will not interfere with current Telus operations.
Telus	AET email to Telus	3/0/2009	Indicated that the environmental studies have been completed and that the layout had changed. Asked Telus to review this new layout and provide feedback.
Telus	Telus email to AET	3/25/2009	Confirmed that Telus has no objection to the Wind Farm Proposal.
Bell Mobility (Bell)	Bell email to AET	1/16/2009	Stated they investigated the impact from the proposed Wind Farm location on any of their Microwave systems and found no incidences of interference on existing or proposed paths.
Bell	AET email to Bell	3/9/2009	Indicated that the environmental studies have been completed and that the layout had changed. Asked Bell to review this new layout and provide feedback.
Bell	Bell email to AET	3/18/2009	Stated that all turbines are outside the calculated zone of interference for their microwave path.
Agency Responses to the Project Description (October 2008 version)			
Environment Canada	EC emailed AET	10/31/2008	Requested an electronic version of the Adelaide Wind Farm Project Description.
Environment Canada	AET emailed EC	11/3/2008	An electronic version of the Adelaide Wind Farm Project Description was provided.
Canadian Environmental Assessment Agency, Ontario Region	AET phoned CEAA	11/14/2008	Asked if CEAA had received the updated project description for Adelaide and provided him the electronic version (PDF).
Pre-Submission Draft Review by Agencies			
Environment Canada (EC)	Golder email to EC (Canadian Wildlife Services)	4/7/2009	Forwarded sections 1.0 – 5.0, 7.3 and Appendix B of the draft ESR to EC/CWS for review.

Communication between Air Energy TCI and Government and Other Agencies[1] (continued)

Government Contact	Mode of Communication	Date	Topic
Environment Canada (EC)	Golder phoned EC	5/28/2009	EC Reviewer indicated they would not be able to return comments on the draft ESR prior to filing of the Notice of Completion.
Ministry of Natural Resources (MNR)	Golder email to MNR	4/7/2009	Forwarded pre-submission draft report sections 1.0 – 5.0, 7.3 and appendix B to MNR for review.
Ministry of Natural Resources (MNR)	MNR email to Golder	4/8/2009 to 5/6/2009	Indicated that the review of sections 1.0 – 5.0, 7.3 and Appendix B would be complete in approximately four weeks. Requested UTM coordinates for the proposed wind turbine locations, Section 7.0 with the screening criteria tables and information regarding aggregates and petroleum resources.
Ministry of Natural Resources (MNR)	Golder email to MNR	4/7/2009 to 5/6/2009	Forwarded sections 7.0 and 7.9 (land use – in response to above request for information on petroleum and aggregate resources).
Ministry of Natural Resources (MNR)	MNR email to Golder	5/14/2009	Provided comments on pre-submission draft report and stated further comments on species at risk (SAR) were still to come.
Ministry of Natural Resources (MNR)	Golder email to MNR	5/27/2009	Provided advance notice that AET would be filing the Notice of Completion on June 8, 2009 (later changed to June 5, 2009) and asked if outstanding SAR comments would be available prior to that time.
Ministry of Natural Resources (MNR)	MNR email to Golder	5/27/2009	Indicated they would not be able to return outstanding species at risk (SAR) comments on the draft ESR prior to filing of the Notice of Completion.
Ministry of the Environment (MOE)	Golder email to MOE	4/28/2009	Forwarded the noise component of the ESR/EIS to MOE for review.
Ministry of the Environment (MOE)	MOE email to Golder	5/21/2009	Responded to request from Golder for confirmation of receipt of pre-submission draft report sections. Stated the Noise Unit turnaround time for review is currently 8 weeks, meaning comments would not likely be returned until late June 2009.
Ministry of the Environment (MOE)	AET email and letter to MOE	5/28/2009	Provided notification that AET would be filing the Notice of Completion on June 8, 2009 (later changed to June 5, 2009) and explained AET's rationale for filing prior to the end of MOE's requested 8 week review period for the pre-submission draft.

Transport Canada / Transports Canada

RDIMS — TC n° du dossier/N° de réf.
4861329
2009-3

AERONAUTICAL OBSTRUCTION CLEARANCE FORM

FORMULAIRE D'AUTORISATION D'OBSTACLE AÉRIEN

TO BE COMPLETED BY APPLICANT — À REMPLIR PAR LE REQUÉRANT

Operator's Name — Nom de l'opérateur
TCI RENEWABLES (AIR ENERGY TCI)

Operator's Address — Adresse de l'opérateur
1374 OVERDALE AVE MONTREAL, QC, H3G1V3

Operator's Contact — Agent de liaison de l'opérateur
MARK GALLAGHER

Contact's Telephone No. — N° de téléphone de liaison
514-865-3243

Applicant's Name — Nom du requérant
AS ABOVE

Address — Adresse

City — Ville | Province | Postal — Code — postal | Telephone No. — N° de téléphone

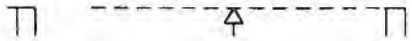
Contact — Personne ressource | Telephone No — N° de téléphone

Nearest city / town to proposed facility — Ville la plus proche de la structure proposée
STRATHROY ONTARIO

Geographic coordinates of structure — Coordonnées géographiques de la structure
° ' " N Latitude / Latitude N | ° ' " W Longitude / Longitude O

Feet — Pieds | Meters — Mètres

BUILDING OR OTHER STRUCTURE
BÂTIMENT OU AUTRE STRUCTURE



A Height above ground — Hauteur au-dessus du sol

B Building height — Hauteur du bâtiment

C Ground elevation above sea level — Hauteur du sol au-dessus du niveau de la mer

List any tall adjacent buildings and structures which may overshadow the proposed structure (Attach sketch)

Faire une liste indiquant les structures et bâtiments avoisinants plus haut que le bâtiment projeté (inclure un diagramme)

C

New struc. — Nouv. struc. ☑ Yes / Oui ☐ No / Non

Add. to exist. struc. incl. total hght — Ajout à un bâti. exis. incl. hauteur total

Proposed Construction — Date — de construction proposée
APRIL 2011

TYPE OF STRUCTURE (narrative description and function) — GENRE DE STRUCTURE (description narrative et fonction)

PROPOSED ADELAIDE WIND FARM 40 x VESTAS V90 1.8MW WIND TURBINES. OVERALL HEIGHT BASE TO BLADE TIP 140mm. ADDITIONAL DETAILS ATTACHED.

Signature (of applicant) (du requérant) ▶ Mark GalMac

Date (Y-A – M – D-J)
2009/04/01

TRANSPORT CANADA ONLY — DE TRANSPORTS CANADA

REGIONAL MANAGER TECHNICAL SERVICES (as required) — GESTIONNAIRE RÉGIONAL — SERVICES TECHNIQUES (si nécessaire)
Comments — Commentaires

(Y-A – M – D-J)

Signature | Date

AERONAUTICAL ASSESSMENT — ÉVALUATION

Site acceptable — Emplacement acceptable
☐ Yes / Oui ☐ No / Non (if no reason / si non, pourc)

This form does not constitute authority for construction.

Lighting as per TP382 required — Balisage lumineux tel que demandé au TP382
☑ Yes / Oui ☐ No / Non or / ou

Painting as per TP382 required — Balisage peint tel que demandé au TP382
☐ Yes / Oui ☑ No / Non or / ou

Temporary lighting required — Nécessité d'un balisage lumineux temporaire
☑ Yes / Oui ☐ No / Non (if yes type / si oui, de quel genre)

RECEIVED
AVR APR - 1 2009
AERODROMES AND AIR NAVIGATION

Advise Transport Canada in writing 90 days before construction / Avertir Transports Canada par écrit 90 jours avant la construction ▶ ☐ when construction starts ☐ and on completion / et à la fin des travaux ☐ Valid to / Valide jusqu'au

Regional Supt Standards and Procedures: / Surintendant régional — Normes et procédures ▶ Signature

Date (Y-A – M – D-J)
2009-04-22

26-0427 (04-91)

Canada

* LIGHTING PROPOSAL IS ACCEPTABLE IF TURBINE #16 IS ALSO LIGHTED.

Disposition of Comments Received Through Agency Review of Pre-Submission Draft ESR/EIS Sections

Report Section	Comment	Disposition
Ministry of Natural Resources – Aylmer District		
General	Our comments are related to MNR's mandated concerns of fish and wildlife, including Species at Risk; Great Lakes Management; water resources; Crown lands; mineral aggregate; and oil, salt, and gas resources.	Comment noted – no edits required.
	Can you clarify for me what the next steps are with the Environmental Assessment for this project? Will a second draft be circulated or will the next circulation be the final Environmental Screening Report (ESR)?	A second draft was not circulated in consideration of the timing of the submission of the Notice of Completion. The MNR Aylmer District was sent the entire final ESR/EIS document as a hard-copy.
	In the future, please provide us with the entire draft ESR document for review. It is useful for our staff to be able to reference other sections of the ESR as needed.	Comment noted – no edits required. The rationale for sending only draft sections of the ESR to MNR was to solicit timely feedback on the outcomes of desktop and field surveys completed as part of the ESR/EIS, particularly for avian and bat populations.
7.1 / 7.9	Aggregates: The proposed turbine locations successfully avoid Aggregate Resources Act licensed pits. Please note that the optioned areas in the extreme northwest corner of the map are separated from ARA licensed pits by approximately 300 metres. MNR recommends consulting with Ontario Geological Survey Surficial Geology / Quaternary Geology mapping of the area due to the lack of aggregate resource mapping in the County and local official plan. This information can be found on the Ontario Geological Survey website.	Information on existing ARA licensed pits is provided in Section 7.9.2.3. In addition, Ontario Geological Survey Surficial Geology is shown on Figure 7.1-1. The MNR Aylmer District had not previously been provided with all of this information.

Disposition of Comments Received Through Agency Review of Pre-Submission Draft ESR/EIS Sections (continued)

Report Section	Comment	Disposition
7.1 / 7.9 / 7.14	Petroleum Resources: There are no records of active and plugged petroleum wells in the study area, and no records of active oil and gas pools in the project area, however it is possible that an abandoned well may be discovered during the life of the project. Please immediately contact the Petroleum Resources Centre in London immediately at 519-873-4634 if it is suspected that a petroleum well as been located. Please include some wording in the final ESR regarding procedure of any discovered abandoned petroleum wells.	Notification of the Petroleum Resources Centre in London in the event that a petroleum well (active or abandoned) has been added as a mitigation measure for the resources in Section 7.9.5.1 (Land Use) and Table 7.14-1 (Summary of Mitigation Measures).
	If an oil or gas well is discovered, MNR requests that a 50 metres setback is implemented from all petroleum wells, regardless of their status, for all towers and power lines. This is compatible with the requirements of Section 3.1.1. of the Oil, Gas and Salt Resources of Ontario Operating Standards, *"No person shall drill a well having a surface location within 50 m setback from any high voltage power line, road allowance, railway, transmission pipeline or other utility right of way."* In the event that any well needs to be accessed for servicing, a drill rig needs to be at least this distance from a power line, including wind turbine towers, for the safety of the workers.	Upon discovery of any un-mapped oil or gas wells, a 50 m setback between Project infrastructure (wind turbines, permanent met mast and power lines) and all petroleum wells will be implemented. This statement has been added as a mitigation measure for resources in Section 7.9.5.1 (Land Use) and Table 7.14-1 (Summary of Mitigation Measures).
	For future projects, MNR suggests conducting a search on the Ontario Oil, Gas, and Salt Resources Library for information about known well locations (http://www.ogsrlibrary.com/). It is the responsibility of the proponent to consult with the operator of the pool to avoid interference with oil wells and associated works such as pump-jacks, storage tanks, and pipelines. This information can also be found in local official plans, as noted in the ESR, however, the data shown in the Library is continually updated. For future projects, MNR requests that the Library be used as a resource for this information.	Oil and gas data from the 2005 Ontario Oil, Gas, and Salt Resources Library has been mapped and shown on Figure 7.1-2. The MNR Aylmer District had not previously been provided with all of this information.

Disposition of Comments Received Through Agency Review of Pre-Submission Draft ESR/EIS Sections (continued)

Report Section	Comment	Disposition
7.3	Birds/Bats/Wildlife: Two groups not listed in the report were birds and other wildlife of Provincial interest [PI]. I acknowledge: had they been listed, the recorded results would not have changed. Can you clarify if other wildlife of PI were within the scope of this report?	Birds and other wildlife of Provincial Interest are included under the group "Listed Endangered and Threatened Species". Species of "Special Concern" are included in Section 7.3.2.4 (Other Wildlife). All other bird species and wildlife that are of Provincial Interest are included in other sections of the report. Raptors, for example, are included in Section 7.3.2.2 (Birds).
	We noted the report states the study site had, "...limited suitable bat roosting sites and foraging habitat, and, did not provide high quality bird habitat". For a future project the proponent/consultants may wish to advance implications of limited-poor bat-bird habitat, we might suggest completion of a study on habitat quality. Perhaps the site has a low carrying capacity or has a degraded habitat or the landscape is mismanaged for bats and birds ... all do not reflect a poor quality habitat.	Comment noted. Reconnaissance-level habitat surveys for birds and bats were conducted to determine appropriate monitoring locations on the site. Details are now provided in the descriptions of existing conditions in Sections 7.3.2.2 (Birds) and 7.3.2.3 (Bats).

APPENDIX A.3

SUPPORT LETTERS

[redacted]

25th September 2008

To whom it may concern,

RE: Adelaide Wind Energy Project

I have been in discussions with the proponent for over a year, regarding the wind energy project, proposed for the Adelaide area. We have met several times and have communicated throughout the year by telephone and email.

From discussions with neighbours and friends, I believe that there is general support for wind energy within the area and it is expected to bring economic benefits to landowners and local businesses.

I can confirm that the proponent listened to my personal concerns regarding my lands and was co-operative in helping design what I believe to be a layout which has minimal impacts on my normal agricultural practices. They have managed to use existing roadways and lanes and have located the turbines in areas which will allow me to continue my operations with ease.

Yours sincerely,

[redacted]

Landowner

To Whom It May Concern,

My wife and I are long-time residents of Adelaide-Metcalfe Township having lived on a small property of two and one-half acres for the past twenty-one years.

We've long been aware that Adelaide-Metcalfe Township is down-wind of two coal-fired electric generating stations located on the St. Clair River, one in Ontario and the other in Michigan. In this age of acid rain, poor air quality, climate change and environmental degradation, it was with great interest we received a flyer inviting us to attend a presention at the township offices by TCI concerning a proposed wind-generating project for our area.

Both my wife and I attended the TCI presentation on February 12, 2008 and were favourably impressed by the maps, brochures, and multi-media displays. TCI representatives were very knowledgable and helpful in answering any questions, follow-up questions and concerns that we might have. Since our property in located adjacent to properties where the wind turbines would be located we've had further meetings with TCI representatives to answer further concerns and questions. Still favourably impressed we gave written permission for TCI to access our property for environmental and wildlife assessments which were conducted this summer.

In closing, we both like the idea of this proposed sustainable energy project and welcome it and its many benefits to our neighbourhood.

Sincerely,

[redacted]

date [redacted]

[redacted]

date

[redacted]

[redacted]

25th September 2008

To whom it may concern,

RE: Adelaide Wind Energy Project

I have been in discussions with Air Energy TCI for over a year, regarding the wind energy project, proposed for the Adelaide area. We met at a number of formal landowner meetings in the local hall and we spoke on numerous occasions on the phone and exchanged ideas by email.

From discussions with neighbours and friends, I believe that there is general support for a well designed wind energy project within the community.

More specifically I would like to confirm that the proponent was sympathetic to local concerns and is known to have worked with landowners closely throughout the process. I was happy with the approach that they took in their design on my property and they obviously were conscious of agricultural issues. I am happy to state that they have located turbines and tracks with the interest of the landowner in mind and have managed to minimise disruption to normal farming practices by locating along lot lines where possible and avoiding placing turbines right in the middle of fields.

If I can be of any further assistance, please feel free to contact me: [redacted]

Yours Faithfully,

[redacted]

Project Landowner

TCIR Renewables, Suite 102,
381 Notre Dame Ouest
Montreal, Quebec,
Canada, H2Y 1V2

T +1 514 842 1923 F +1 514 842 7904
mark.gallagher @tcir.net
Cell: 514 805 3243
www.tcir.net

12th December, 2008

To Whom it may concern;

Re; Zone Change Application

I can confirm that I have been consulted on the location of turbines by Air Energy TCI and I agree to the attached turbine and track layout.

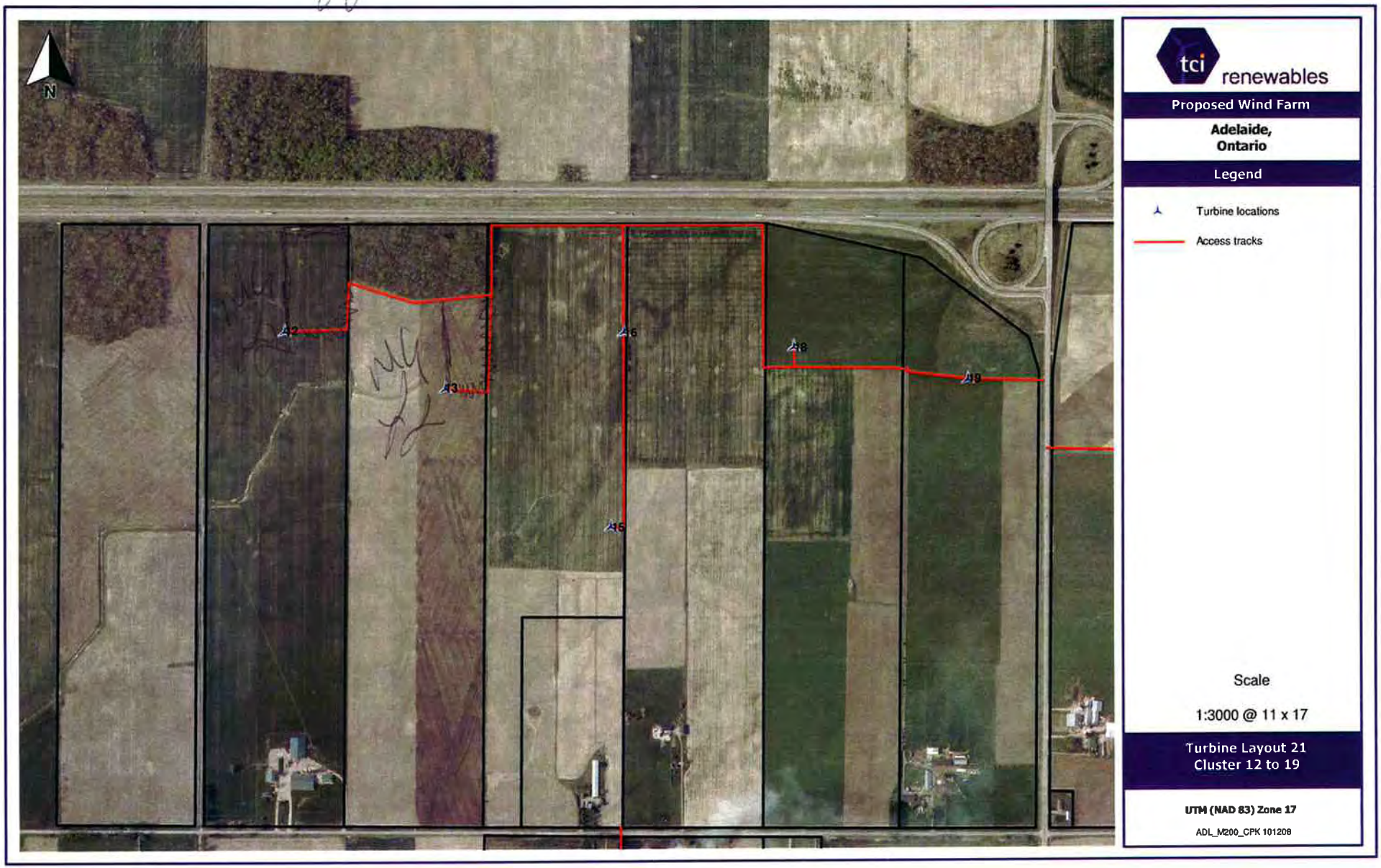
I hereby confirm that I authorise Air Energy TCI (AET) to act as Agent on my behalf regarding the attached zone change application with regards to the Adelaide Wind Farm and location of wind turbines and all associated infrastructure.

Thanks,

Print Name: [redacted]

Signature: [redacted]

Date: Dec 16/08


N
A2
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tci renewables
Proposed Wind Farm
Adelaide,
Ontario
Legend
Turbine locations
Access tracks
Scale
1:3000 @ 11 x 17
Turbine Layout 21
Cluster 12 to 19
UTM (NAD 83) Zone 17
ADL_M200_CPK 101208

Corporation of the
Township of Adelaide Metcalfe

October 7, 2008

Ontario Power Authority
Suite 1600
120 Adelaide Street West
Toronto, ON M5H 1T1

RE: ADELAIDE WIND FARM ISSUE/TCI RENEWABLES LTD.

Dear Sir or Madam:

The Township of Adelaide Metcalfe has been in discussions with TCI Renewables with respect to the Wind Project issue in this Municipality.

TCI Renewables originally met with Council in 2007 to discuss a Wind Energy Project. An "Information Day" was set up for those interested on February 12, 2008 at the Township municipal building. The information session was informative and attended by local ratepayers, some members of Council, Middlesex County staff and Municipal staff. The Company has kept Council informed of the development of the proposed project and is confident in the delivery of information by their staff. The Council of the Township of Adelaide Metcalfe is supportive of the proposed wind power project in our municipality.

I trust this is satisfactory.

Yours truly,

Fran I. Urbshott, AMCT
Administrator/Clerk/Treasurer

2340 Egremont Drive R.R. #5, Strathroy, Ontario N7G 3H6
Phone (519) 247-3687 Toll Free 1-866-525-8878 Fax (519) 247-3411 E-Mail info@adelaidemetcalfe.on.ca

APPENDIX A.4

OPEN HOUSE 1

The Age Dispatch

Public gets info on proposed wind energy project in Adelaide

Thursday February 21, 2008

Wind energy continues to be a hot topic in the west Middlesex area.
TCI Renewables, one of four companies looking at installing power generating wind turbines in the area, hosted a public meeting at the Adelaide-Metcalfe municipal office last Tuesday.
Two open-house style meetings, one in the afternoon and one in the evening, were held to provide the public with information about wind turbines.
Interest in wind generation in Ontario increased after the provincial government issued a request for proposal (RFP) asking companies to submit bids for development of wind energy.
TCI Renewables has completed most of the work necessary for its bid, said the company's development manager, Mark Gallagher.
The company has been talking to landowners, he said, and some agreements are already in place. The proposed locations are north of Hwy. 402 and west of Centre Road.
The company is proposing to install turbines capable of generating about 80 megawatts, said Mr. Gallagher.
Each wind turbine is capable of generating up to two megawatts, given a wind speed of 12 metres per second (about 43 km/h).

An average wind speed of seven metres per second (about 25 km/h) is needed to make it worthwhile to put a turbine in place, said Mr. Gallagher.
Last fall, the company installed tall "masts" along Egremont Drive to collect wind speed data.
While a full year of data will be needed to be certain, the data collected so far is encouraging, said Mr. Gallagher. "It's looking feasible."
The wind turbines are mounted on towers that are 85 metres (about 278 feet) high. The three blades are each about 41 metres (135 long). For comparison, when the tip of one of the blades is at the top of its rotation, it would be slightly higher than the peak of the Peace Tower on Parliament Hill.
The generation equipment is contained in a "nacelle" on top of the tower. The nacelle is the size of a small motorhome and weighs about 63,000 kg (138,600 lbs).
The display that the company brought to its meeting in Adelaide-Metcalfe addressed many of the concerns that people have had with wind turbines in the past, including noise and danger to migrating birds.
The turbines are actually fairly quiet, according to a company display. Noise levels at 350m are about 40-45 decibels, which is equivalent to the ambient noise in an empty house.
While the company is conducting a study on migratory birds in the area, the danger to birds from the turbines is actually not that great, said Mr. Gallagher, especially when compared to other obstacles like large city buildings.
While the company's bid for the provincial RFP is nearly complete, it will still be some time before any turbines are installed, said Mr. Gallagher. If the company is successful in its bid on the RFP, it will be 2011 before any work goes ahead.
Adelaide-Metcalfe Mayor John Milligan said on the whole he feels the addition of wind turbines to the township would be a positive thing.
It's up to each individual landowner to decide if he wants to make an agreement to have wind turbines on his land, said Mr. Milligan.
The township's policy on wind turbines is the same as Middlesex County's, he said.
If a large number of wind turbines are built, the township stands to gain a substantial amount in tax assessment, he said.
The appeal of the township to wind energy companies has mostly to do with the longer farm sizes, making it easier to meet setback requirements, and the proximity of high capacity power lines, which makes it easier to get the generated electricity into the power grid.
TCI Renewables is a multi-national company with offices in Canada and the United Kingdom. It got its start putting up telecommunications towers, before branching out into wind turbines.
The first wind turbine the company installed provides power for a hospital in northern Ireland, said Mr. Gallagher. The company is currently pursuing wind energy projects elsewhere in Ontario, as well as Quebec.

Category: Real Estate

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TCI Renewables

Wind Power information

Noise

One of the most frequent arguments wind farm developers face is that wind turbines are noisy. It is true that anything with moving parts will emit some level of sound and wind turbines are no exception.

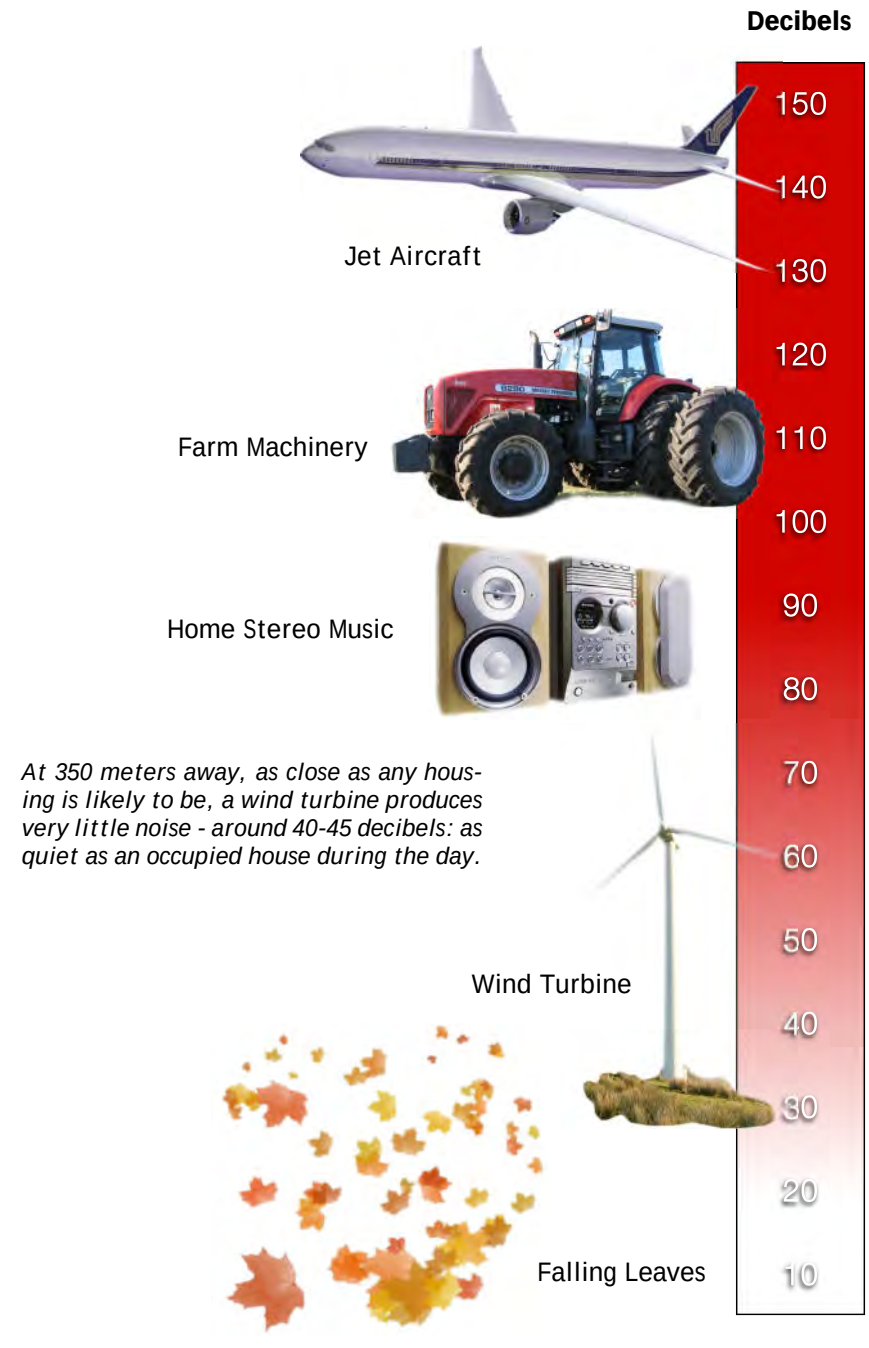
The principle sources of noise are the turbine blades passing through the air and the internal machinery such as the gearbox and generator. But wind turbine blades are carefully designed to minimise noise, and the nacelle which houses the mechanical equipment at the top of the tower is sound insulated. Modern turbines are so quiet it's possible to carry on a normal conversation at the base.

There are also well defined noise guidelines in all developed wind markets, which stipulate that wind turbines should be located at least 300 metres from a private dwelling or other problem locations. Good wind developers will always follow this best practice guidance and in most cases go well beyond the minimum recommendations to make absolutely sure there is no inconvenience to neighbours from increased noise levels.

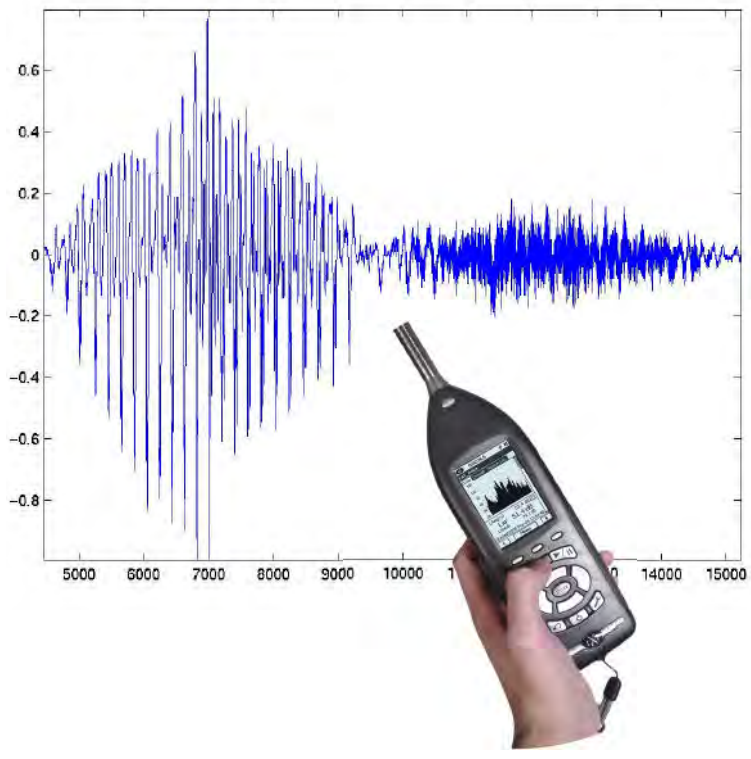
The wind industry has spent a lot of time and resource in addressing this issue and fortunately it is fairly easy to calculate predicted noise levels at a property.

Noise is therefore not considered to be a significant issue by the wind industry today as not only can it be readily predicted but it is also easily mitigated by locating at a suitable distance from houses.

Advanced monitoring technology and software is used by developers for measuring, calculating and mapping sound levels allowing for suitable turbine placement.



At 350 meters away, as close as any housing is likely to be, a wind turbine produces very little noise - around 40-45 decibels: as quiet as an occupied house during the day.



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Wind Power information

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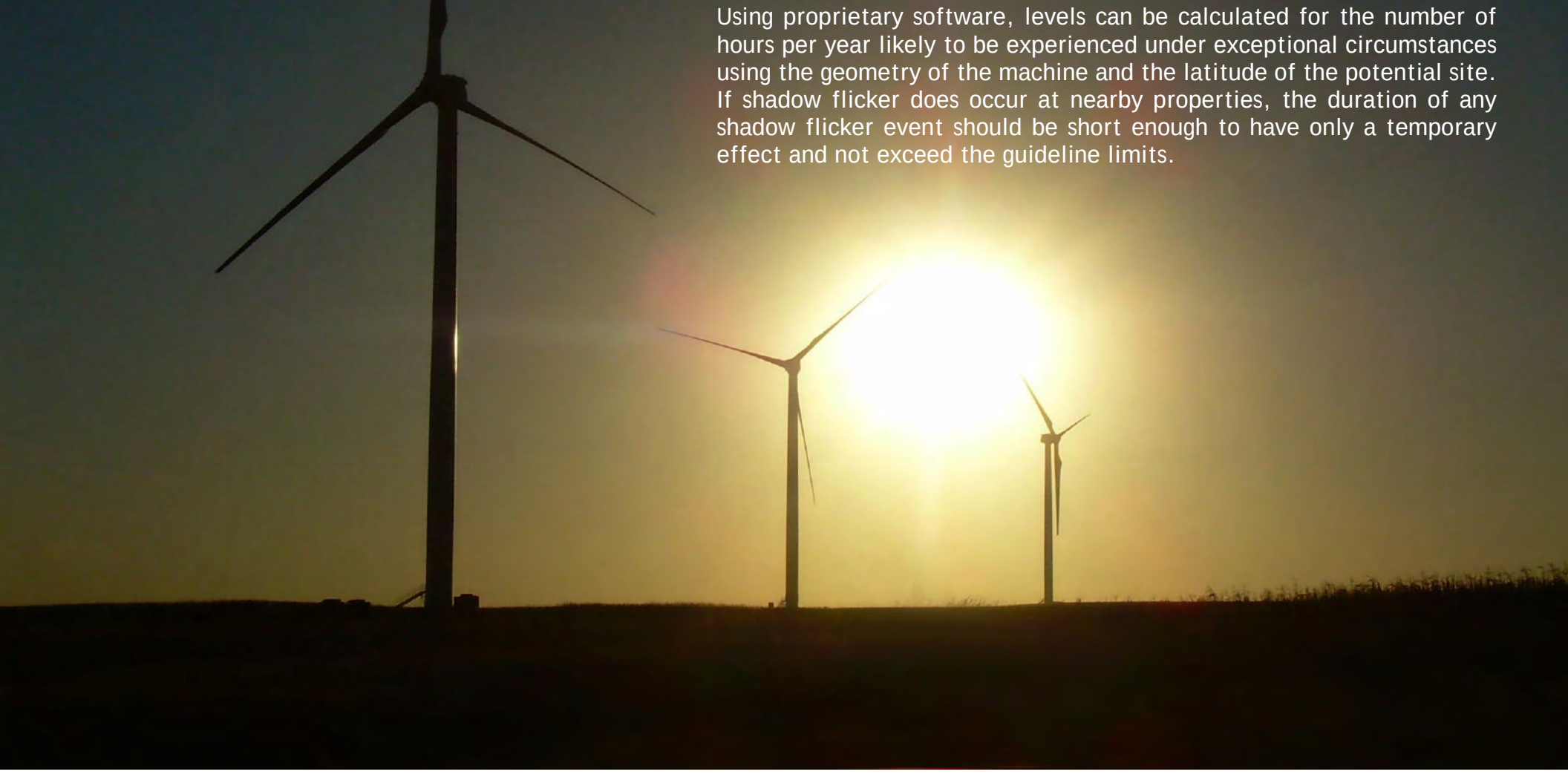
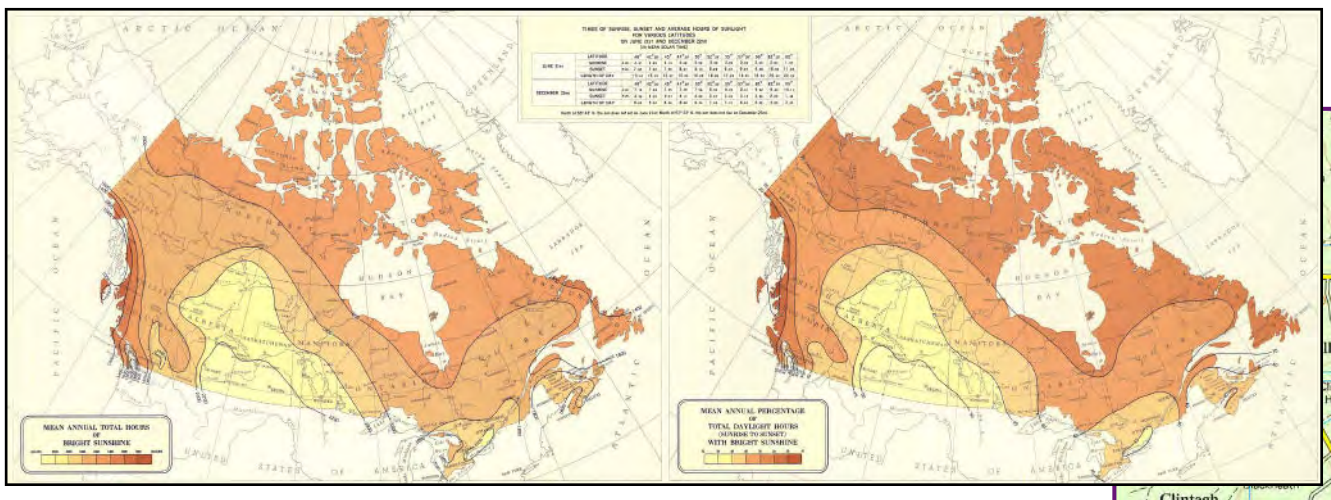
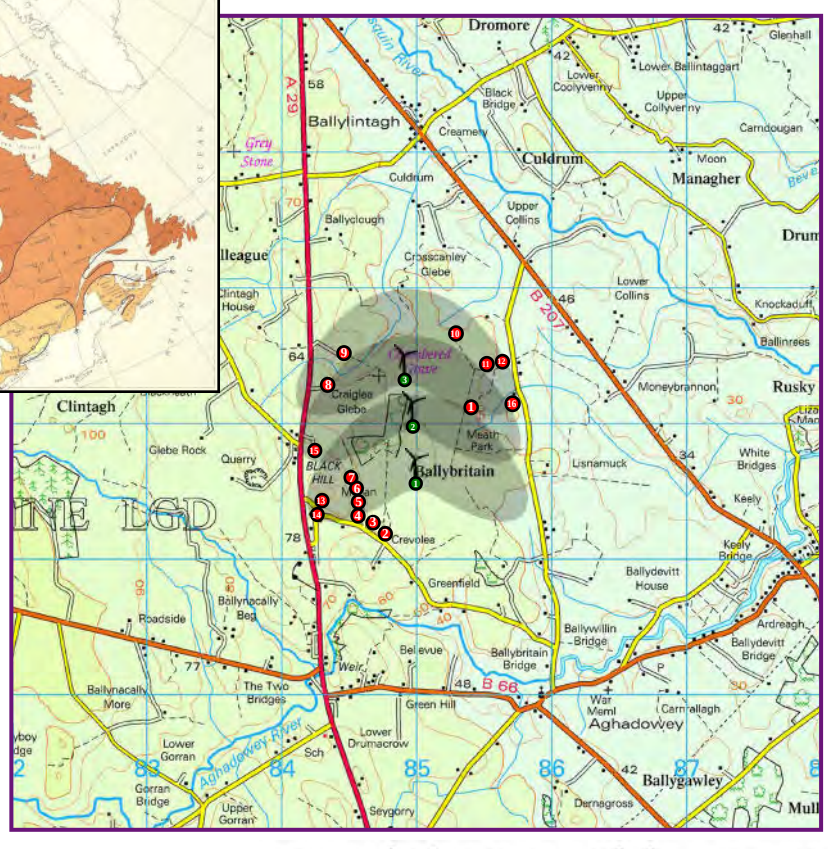
Shadow Flicker

Shadow flicker from wind turbines occurs when a particular combination of weather conditions coincide in specific locations at particular times of the day and year. It usually occurs when the sun is low in the sky and shines on a building or location from behind a turning rotor. The shadow of the turbine blade appears to flick on and off as the turbine rotates.

Using proprietary software, levels can be calculated for the number of hours per year likely to be experienced under exceptional circumstances using the geometry of the machine and the latitude of the potential site. If shadow flicker does occur at nearby properties, the duration of any shadow flicker event should be short enough to have only a temporary effect and not exceed the guideline limits.







The shaded areas on the map (right) indicate the extent of the shadow flicker from the three turbines as the effect progresses throughout the year. The butterfly shape is determined by the changing position of the sun in different seasons.

The shadow flicker model is based on an unimpeded view of the turbine in front of a low sun in a clear cloudless sky - usually in late winter and early autumn. The effects of prevailing weather conditions - as in total sunshine hours, above - distance to surrounding buildings, hedgerows and trees all need to be taken into account.

Combining these factors can result in the actual effect being substantially reduced if not completely eliminated.

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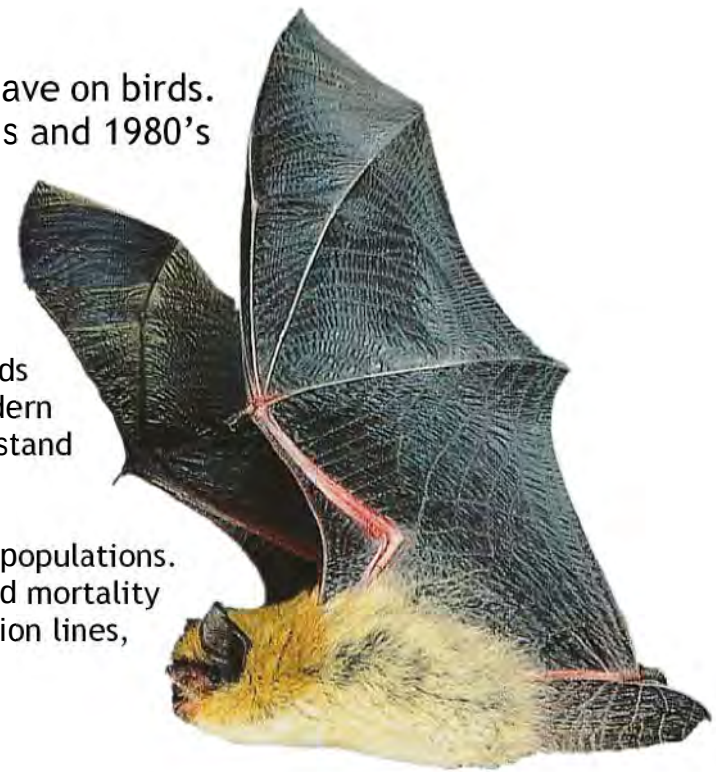
Birds and Bats

Wind farms are often criticised for the perceived impacts a project can have on birds. Most of this criticism stems from the earliest wind farms from the 1970's and 1980's which were sited before such impacts were fully understood.

Wind farms, it was claimed, will affect birds and bats by encroaching on their habitat or through collision with the wind turbine blades.

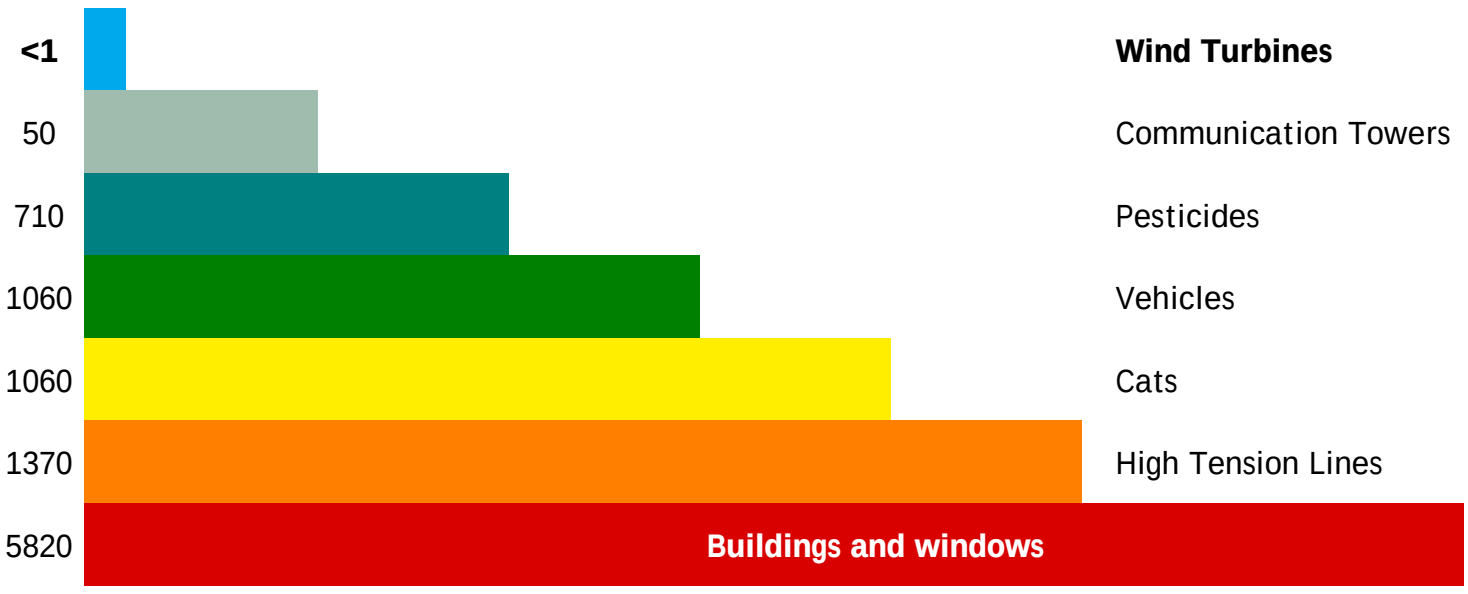
In response to these criticisms the wind industry engaged heavily in research into birds and bats, migration routes, population concentrations and possible impacts. Any modern wind energy development company will undertake significant bird studies to understand and qualify potential risks before progressing to construction

The reality is that a well sited wind farm will have minimal impacts upon local bird populations. In fact, as you can see in the graphic, there are much more significant causes of bird mortality than any wind farm development – but these rarely receive any attention; transmission lines, windows, domestic cats, etc.



Causes of Bird Fatalities in Toronto Area

Number per 10,000 fatalities



"It is estimated that more than 10,000 migratory birds are killed in Toronto each year between the hours of 11:00 p.m. and 5:00 a.m. in collisions with brightly lit office towers."

Source: http://www.flap.org

tci renewables

www.tcirenewables.com

analysedesignbuildmanage

TCI Renewables

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Wind Data

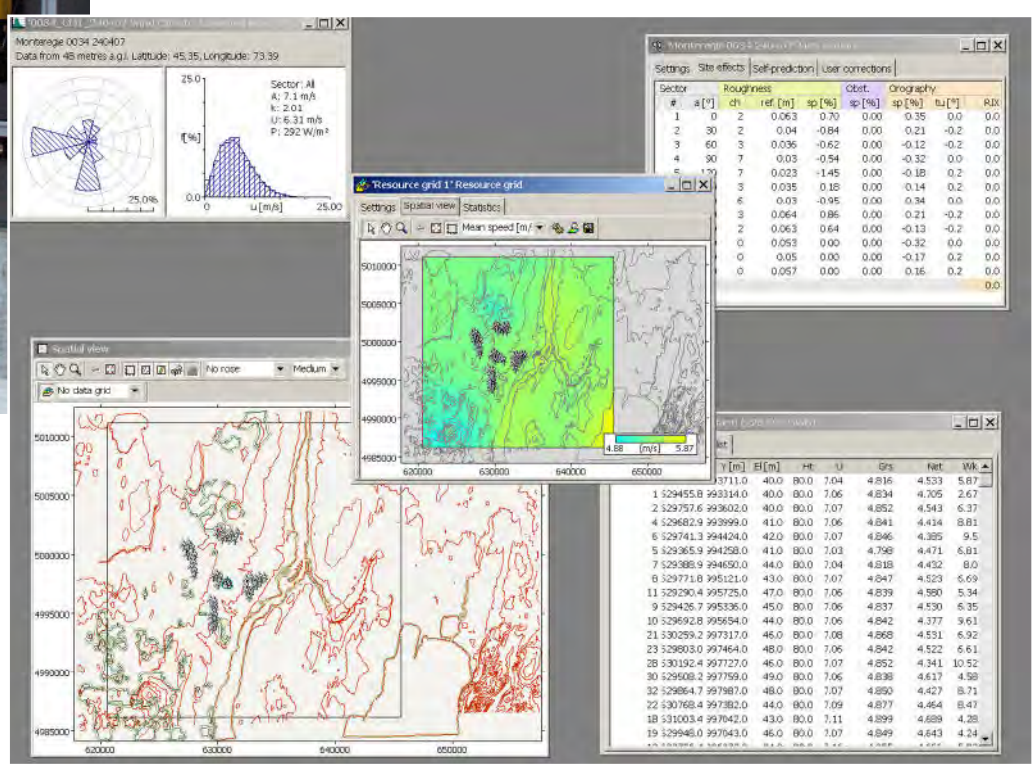
One of the most important elements of any wind project is a robust and accurate wind measurement campaign. Predicting the wind is crucial for evaluating project feasibility and securing financing for a project.

Normally there is an on-site wind measurement station and the information gathered is correlated with longer term data from nearby sources such as weather stations or airports.

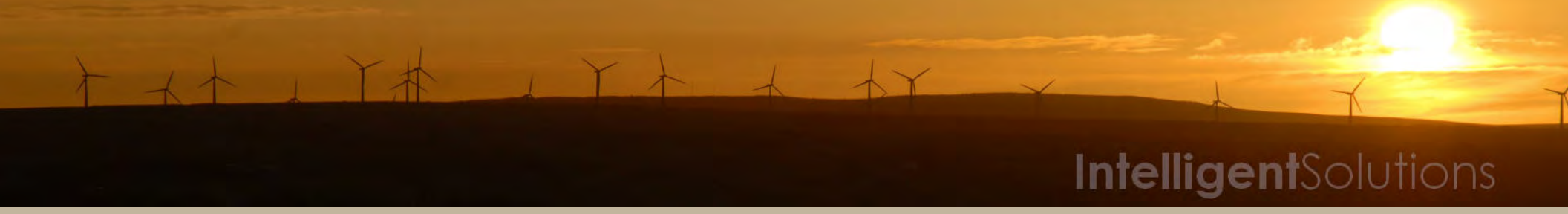
Wind measurement towers, or met masts as they are often called, not only record wind speed and direction but usually also collect temperature, humidity and even barometric pressure information.

All of this information is used to predict the likely performance of a wind project at a given site and is a vital aid in selecting the right turbine for the wind conditions.

Today's wind measurement systems are very sophisticated. The data is collected at the mast, stored on a memory card for later collection and can also be sent via email to a remote desktop.



This data is then processed to provide wind speed patterns, annual averages and windroses, which show the frequency of the wind in all directions.



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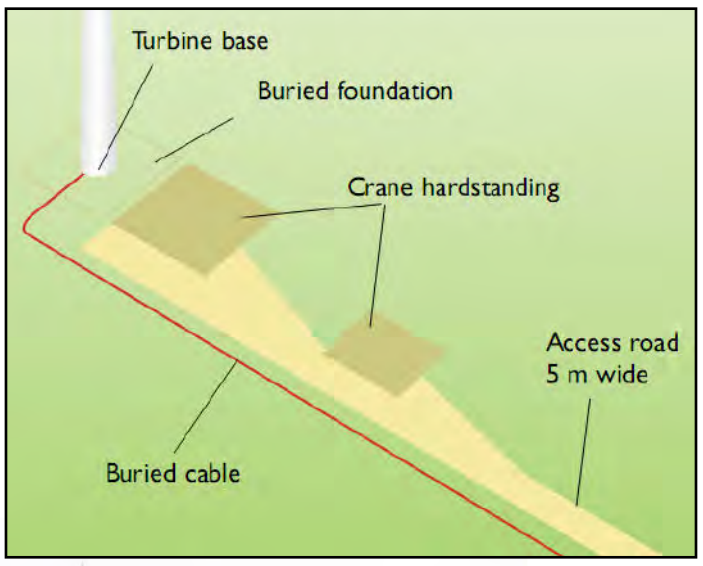
Foundations & Roads

Wind turbines require very little land in comparison to other forms of electricity generation. A typical wind farm will occupy less than five percent of the land it is located on, through the need for tracks and turbine bases.

Farmers can normally graze and plant crops quite close to the base of a wind turbine and tracks are designed to be farm friendly, keeping impacts to a minimum.



Building the base

The concrete foundation is fairly large, but it is buried, with only the flanged steel base section showing above ground level in readiness for connection to the tower.

When completed, the only inaccessible part of the land is around the base of the actual turbine itself. The natural ground conditions and vegetation return to normal very quickly.

Wherever possible, developers will use existing tracks as well as follow hedgerows and property lines to help minimise impacts to land owners and their normal agricultural practices.

This also helps to cut construction costs and maintains a low visual impact on the existing landscape.

INTRODUCTION

The Ontario Power Authority is looking to increase the amount of electricity that comes from renewable forms of generation. Air Energy TCI Inc of Montreal are proposing to develop a wind farm on agricultural land to the North of Highway 402 in the municipality of Adelaide-Metcalfe. It is anticipated that this would generate enough pollution-free electricity to meet the domestic electricity requirements of approximately 19,000 homes and save around 45,000 tonnes of CO_2 annually. [1]

Air Energy TCI Inc (trading as TCIR) is a wholly owned subsidiary of the UK based wind farm developer TCI Renewables Limited. TCIR has extensive experience in the development of wind farm projects and has approximately thirty projects in development across England, Northern Ireland, the USA and Canada.

THE PROPOSED LOCATION

The proposed site lies on agricultural land North of Highway 402 and in the vicinity of Adelaide village. It is envisaged that the proposed site occupies an area of land approximately 10km (East to West) by approximately 5km (North to South).

THE PROPOSED PROJECT

The site is capable of accommodating in the order of forty to fifty turbines with significant spacing between each turbine so as to minimise the visual impact and optimise the turbine efficiency. The project will also comprise of upgrading of existing access tracks and construction of new tracks where required. The turbines will be interconnected with high voltage cabling to a centrally located substation, from where a new interconnection line will lead to the existing Ontario Power Authority high voltage transmission line, running parallel to the Kerwood Road.

The type of turbine has yet to be finalised. It is likely that turbines with a hub located at either 80 or 100m will be selected with an approximate blade diameter of 80-84m. The capacity of this size of turbine is in the 2-3MW range

ONTARIO POWER AUTHORITY RFP

The project will be bid in to the Ontario Power Authority (OPA) Request for Proposals (RFP) for 2000 MW of wind power, anticipated for delivery between 2010 and 2015. The timeframes for bid submission and delivery have yet to be finalised but it is expected that the first 500MW will be submitted during the summer of 2008, for delivery between 2010-2012, with the remaining 2000MW being bid early in 2009 for delivery between 2012-2015. The RFP will require significant pre-evaluation by proponents and in order to comply with these anticipated requirements TCIR erected two 60m guyed met masts across the proposed site domain during late 2007. The OPA timetable for contract award has yet to be finalised. It is anticipated that both stages of the RFP (ie the first 500MW and subsequent 1500MW) will be significantly oversubscribed and thus not all projects submitted will be successful. Successful companies will be awarded a twenty one year power purchase agreement for their projects.

COMMUNITY BENEFITS

The local communities will benefit in many ways from the realisation of the proposed wind farm. The host municipality will receive annual royalties from the project that will provide many opportunities for local elected representatives to address their funding and taxation choices going forward. The project will also create significant local employment during the development, construction and twenty one year operation.

LOCATION MAP

ENVIRONMENTAL ASSESSMENT

TCIR has appointed Golders Ltd, to assist in evaluating the environmental impacts of the proposed project. The first part of this work has been to produce constraints maps highlighting sensitive habitats, features etc and apply adequate set backs for the placement of turbines. Bird and ecology survey work commenced in January 2008. A full Environmental Impact Assessment (EIA) will be submitted to provincial and federal regulators in the summer of 2009 in order to obtain their approval. Concurrent with this process TCIR will continue to hold regular public information sessions to ensure the local community are kept

For Further Information please contact: Mark Gallagher on cell: 514 805 3243 or by e-mail mark.gallagher@tcir.net or visit our website at www.tcir.net

up to date with the project's progress and to receive feedback.

The EIA will cover a range of issues and the scope will be agreed in consultation with provincial and federal authorities. The scope is likely to include landscape and visual amenity, noise, ecological impact, archaeology, geology, hydrology and soils, roads, air and climate, health and safety and electromagnetic interference.

INFORMATION TIMETABLE

As wind energy is a relatively new form of electricity generation, those living close to the proposed project will have questions and will need an opportunity to see what is involved. For this reason, in parallel to the research being undertaken for the EIA, TCIR will inform and consult the local community, including the following activities:

- Presenting their proposals to the local municipality in October 2007.
- Holding two public information events during 2008, the first being February.
- Meeting with key community groups (ongoing)
- Visiting residents close to the site (commenced in November 2006)
- Informing the local press of the proposed project (2-3 press releases + information event adverts)
- Equally we would be happy to answer any specific questions by way of the contact details provided below

WIND ENERGY

The OPA has taken a leading role in ensuring that Ontario remains at the forefront of encouraging energy efficiency and the continued growth in developing renewable forms of electricity generation. The principle goals being to:

- Reduce the threat of climate change caused by the combustion of coal, oil and gas. Climate change could affect weather patterns in the area leading to changes in land use and lifestyles. The proposed project will help us play our part in meeting our international commitments to reduce carbon dioxide emissions.
- Create 'diversity of supply' in the electricity industry, providing greater stability from price fluctuations in coal, oil and gas.
- Stimulate the Canadian manufacturing and service industries to take a lead in the rapidly expanding North American markets for renewable energy.
- Bring local employment during the development, construction and twenty one year operational life of the project.

Useful websites include:
www.canwea.ca
www.awea.com
www.centreforenergy.com

[1] Based on annual average usage of 900kWh per household and 220g of CO_2 per kWh for Ontario electricity generation mix [National Inventory Report 1990-2005]

Photomontage looking West along Egremont Drive

APPENDIX A.5

OPEN HOUSE 2

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TCI Renewables

Adelaide Wind Farm
WELCOME

Air Energy TCI* welcomes you to the

ADELAIDE WIND FARM
OPEN HOUSE

We're here to to:

- Provide you with information about the project and the environmental assessment process
- Give you an update on the project's progress so far
- Keep you updated on recent energy policy and contracting mechanisms (e.g. Green Energy Act)
- Answer your questions and listen to your opinions and ideas

Please feel free to introduce yourself to a member of the TCIR staff or to one of our environmental specialists on-hand from Golder Associates.

We'll be happy to discuss the project with you.

* The Canadian subsidiary of TCI Renewables

tci renewables

www.tcirenewables.com

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TCI Renewables

Adelaide Wind Farm about us

TCI Renewables/Air Energy TCI

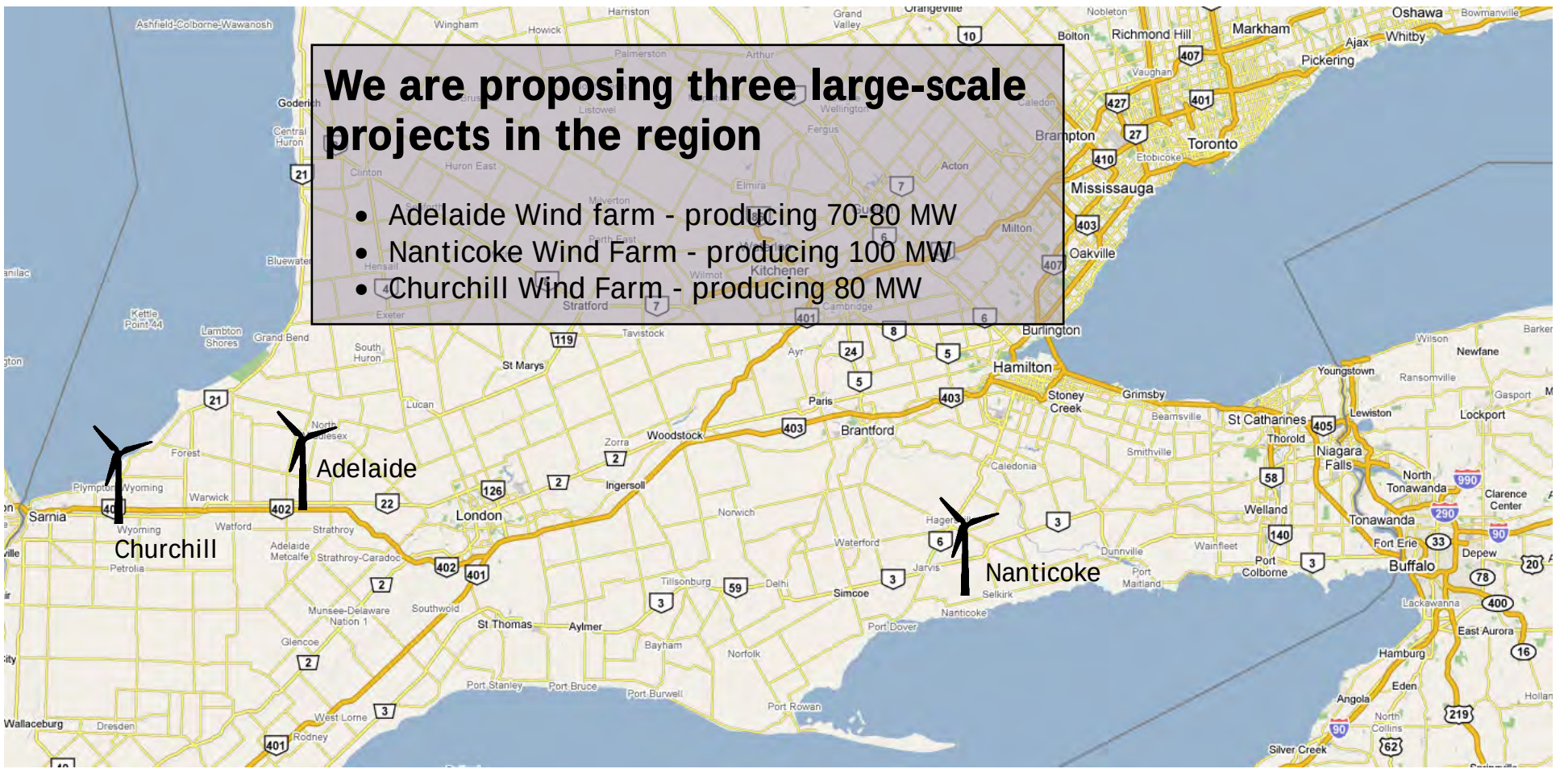
Air Energy TCI was established in 2006 as the North American subsidiary of TCI Renewables Limited, a leading, independent renewable energy business.

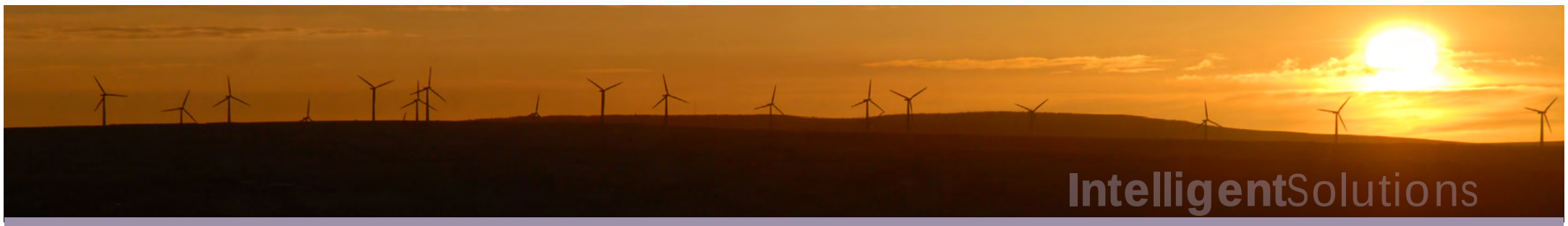
The company has offices in Great Britain, Ireland and Canada with interests in over 30 wind power projects, including in the United States.

The Montreal office was first established to help develop two projects in Quebec. TCIR was subsequently awarded contracts in the 2007 Hydro Quebec RFP for two wind power developments: St Valentin (50MW) and New Richmond (66MW). Both projects are under development and due to come online in 2012.

Ontario

Our goal in Ontario is to develop wind power projects to help meet the provincial government's increasing renewable energy targets. Ontario is aiming to add around 1,700 megawatts of wind-generated electricity in SW Ontario alone.





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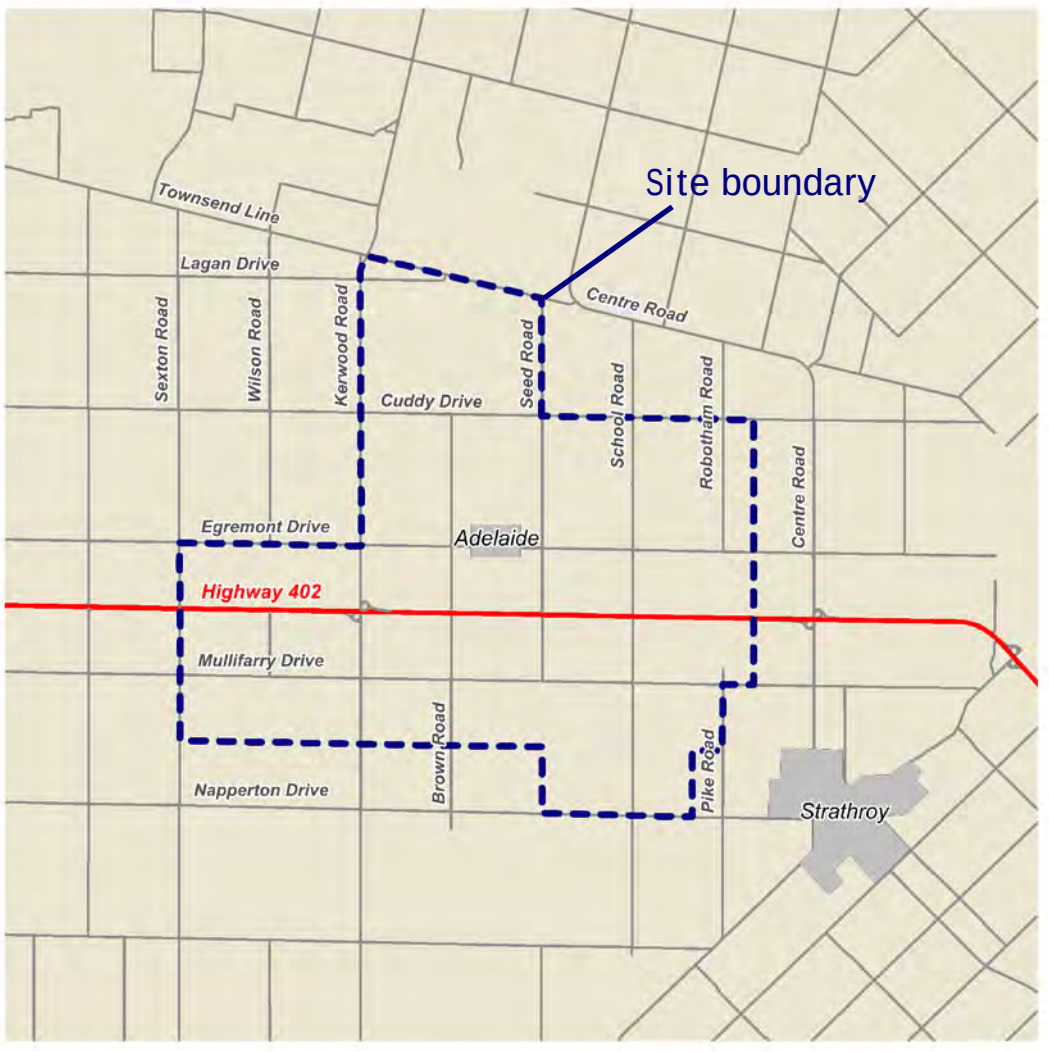
Adelaide Wind Farm the project

The Adelaide Wind Farm will have up to 40 turbines

The preferred turbine is the Vestas V90. With a 95 meter tower and 90 meter diameter rotor, each turbine has the capacity to produce up to 1.8 MW.

That's a total of 72 MW of renewable power delivered to the Ontario grid and enough to provide electricity for up to 17,000 homes.

As well as the 40 turbines the development will include access tracks, underground and overhead cabling, a 34.5 kilovolt collector system and a transformer substation where the electricity is exported into the transmission system at 115 kVs.



Located on privately owned parcels of farm land located north and south of Highway 402, the project has been designed to have minimal effects on the existing physical, biological and human environment.

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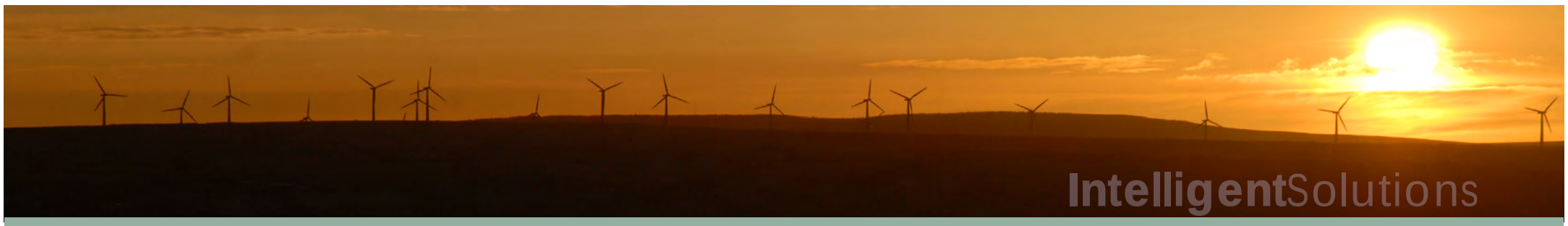

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Adelaide Wind Farm timeline

tcir

The life-cycle of a wind farm

Nov 2006

The Development Phase:

- Site selection and land acquisition
- Wind measurement
- Environmental & technical studies
- Financial appraisal
- Permitting & approvals
- Supply agreements with the Ontario Power Authority
- Interconnection agreements with independent electricity system operator
- Securing debt and equity finance - over $200 Million for the Adelaide project
- Sourcing and purchasing wind turbines
- Procuring construction services and materials supply contracts

April 2011

The Construction Phase:

- Construction or upgrading of access roads
- Preparation of temporary facilities and work areas
- Erection of turbines and ancillary equipment
- Construction of transformer substation and planned interconnection line

Dec 2011

The Operations Phase:

- Expected to last approximately 20-30 years
- Scheduled visits for maintenance
- Scheduled monthly service for each turbine
- Routine annual maintenance
- Unscheduled visits for emergencies (wind turbines have a reliability of 97%)

2041

The Decommissioning Phase includes:

- The removal of turbines
- Dismantling of cabling systems systems (underground/overhead lines and poles)
- Removal of substation and associated equipment
- Access roads removed and covered (depending on the needs of the landowner)
- Foundations dug back to 1 m below existing ground level
- Ground returned to its previous condition

2041

Where possible, all materials will be recycled where existing technologies are readily available

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Adelaide Wind Farm
how it works

Wind turbines operate on the simple principle of converting the wind's kinetic energy into electricity

As the wind moves across the three large, propeller-like blades it causes lift - the same effect employed by aircraft wings. As the blades rotate they turn the main drive-shaft, which via a gearbox spins a generator to create electricity.

The turbines are generally mounted on tall towers to take advantage of faster and less turbulent wind and to capture the most energy.

FACT PANEL

The Adelaide Turbines

Rotor Diameter:	90 m
Hub Height:	95 m
Overall height:	140 m
Rotation speed:	9 - 14 rpm
Min wind speed:	3 m/s or 6.7 mph
Max wind speed:	25 m/s or 56 mph

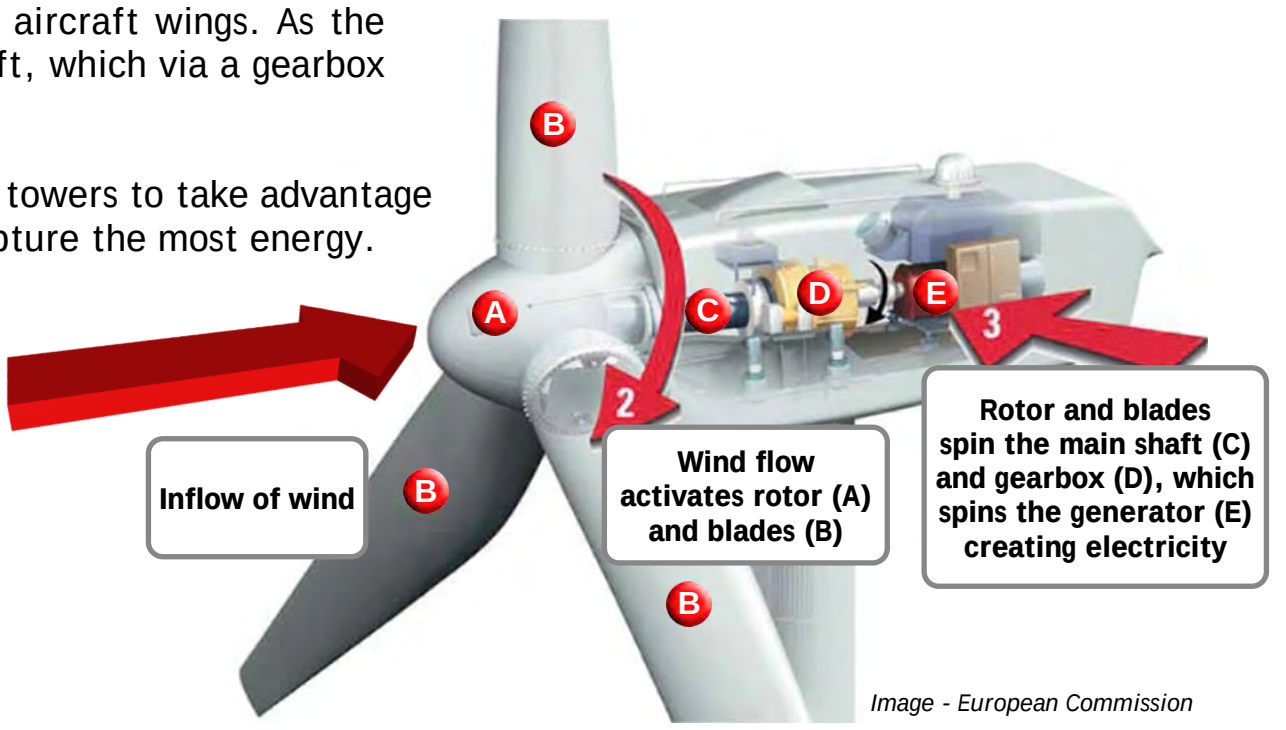

Image - European Commission

Rotor and Blades

Converting the wind's energy into rotational shaft energy

Nacelle
(housing turbine and gearbox)

Housing the drive train, gearbox and generator

Tower

The tower raises the blades into the optimum wind conditions

Foundation and transformer housing

Electronic equipment, controls, cables ground support and interconnection equipment. These can also be contained within the tower itself.

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Adelaide Wind Farm an overview

tcir

The benefits of wind power

Wind power is a clean, sustainable and future-proof source for electricity. Once constructed, a project has almost a zero fuel requirement. As the technology and design improves, wind power is becoming more and more cost-efficient when compared to traditional fossil-fuel generation and as wind power development expands it will also help stimulate the Canadian manufacturing and service industries at local and national levels.

Clean and Efficient Technology

- Wind energy is clean and green and reduces dependence on other forms of electricity generation that may contribute to greenhouse gas emissions and reduced air quality
- Modern wind power generating equipment is efficient and highly reliable
- Wind energy is a valuable form of electricity generation for rural areas and can easily coincide with agricultural land uses
- Wind turbines do not need water as a cooling source, unlike most other types of electricity generation
- Wind farms are low impact projects

Energy Price Stability

- Renewable energy helps stabilize the cost of power
- Virtually zero fuel costs associated with wind energy
- The costs of fossil fuels vary widely because of political and market turmoil
- Wind power can be produced domestically and contribute to the economy at many levels

Supply

- The wind will always be there - the perfect renewable energy resource
- Wind power contributes to a diverse energy generation for Ontario

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Adelaide Wind Farm regulations

Regulatory requirements

The project is subject to screening under Ontario's Environmental Assessment Act. TCI Renewables is required to prepare an Environmental Screening Report - known as an ESR. This must be consistent with the Ontario Ministry of Environment's *Guide to Environmental Assessment Requirements for Electricity Projects (2001).*

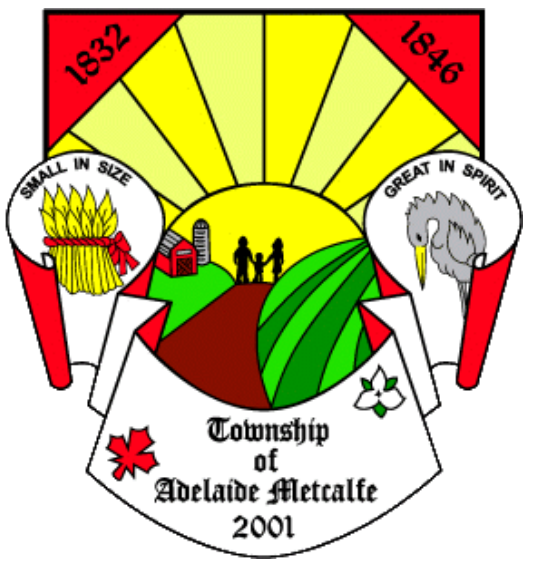
In addition to this, we are preparing an Environmental Impact Statement (EIS), which conforms with the Canadian Environmental Assessment Act.

The ESR and EIS reports are combined to meet the regulatory requirements of both processes in a single, harmonized document.

We have ensured that the project is consistent with Ontario's Provincial Policy Statement, the County of Middlesex Official Plan and the Township of Adelaide Metcalfe Official Plan.

Once the environmental assessment process is complete any other necessary permit applications will be submitted and approvals acquired before construction begins.

Images on the right and below are taken from the web sites of some of the statutory agencies and organizations with whom we must consult during the assessment process.



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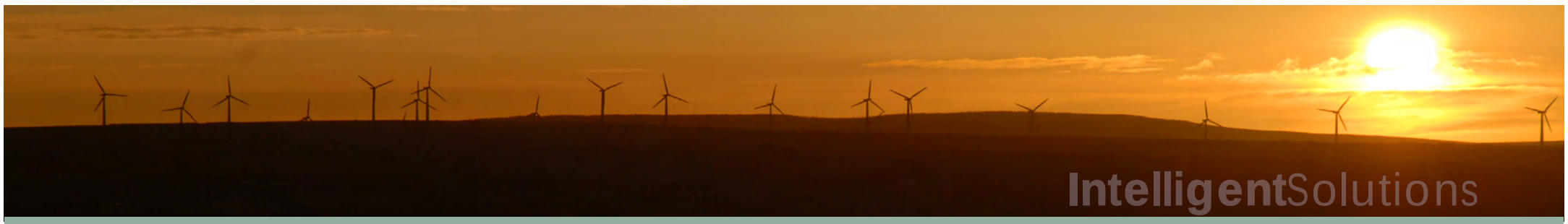

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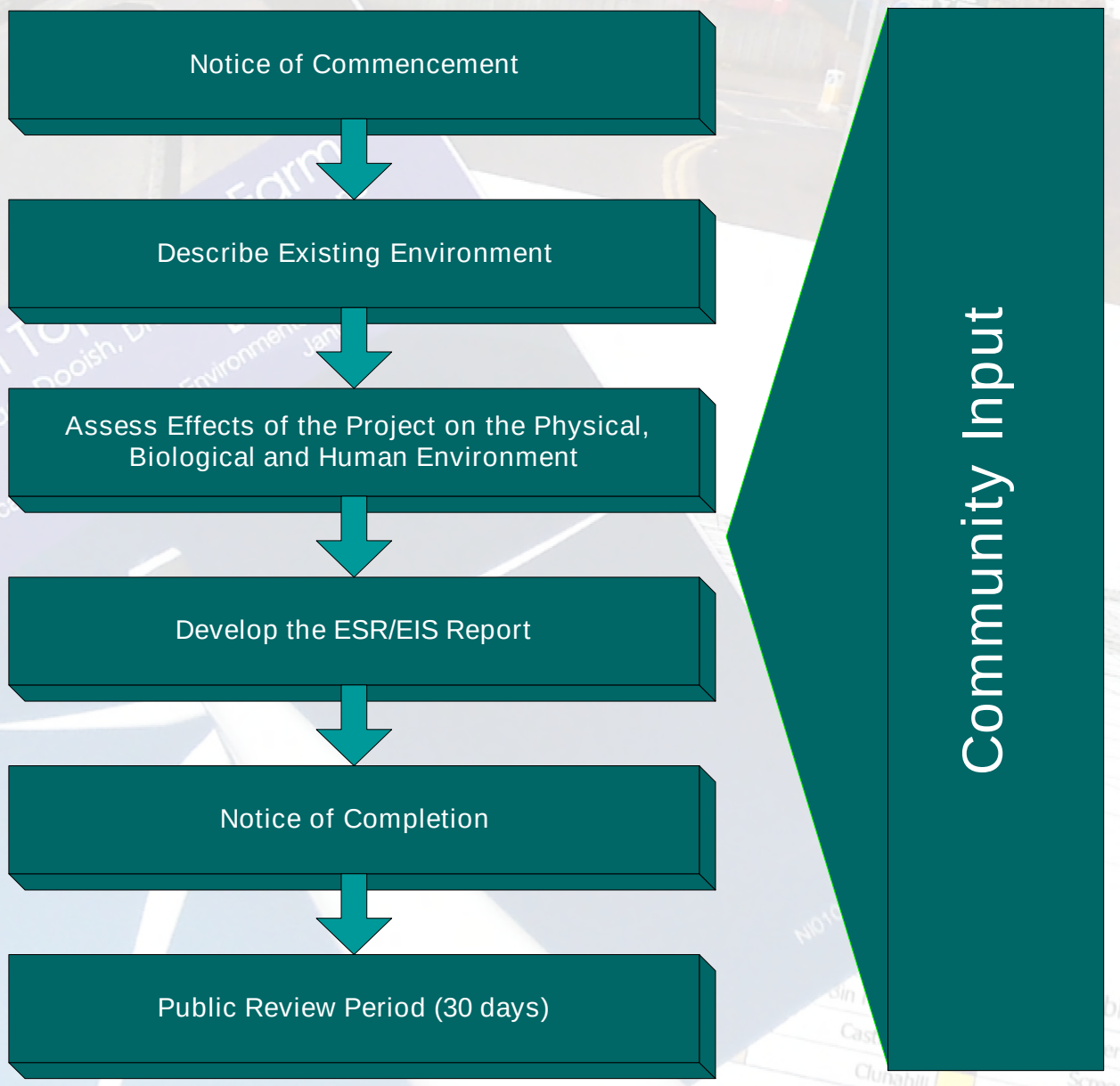
Adelaide Wind Farm assessment

The Environmental Assessment Process

- **Assessment**
  - Determination of the project works and activities and how they could interact with the environment
  - Baseline condition studies completed to understand the existing physical, natural and human environment in the site area
  - Likely effects on the environment are predicted and assessed
  - Mitigation measures are developed to address potential adverse effects
  - Significance of residual adverse effects is determined

- **Reporting**
  - Findings of the Environmental Assessment set out in report
  - Report includes a summary of comments received from stakeholders (public, agencies, First Nations) and how they have been addressed

- **Public Review**
  - Once the report has been finalized, we will publish a Notice of Completion
  - Public and agencies are given 30 days to review the report and make comments
  - If no request for elevation are made, a Statement of Completion is submitted to the MOE and the project will proceed (subject to any other required approvals)
  - If requests are received, the Ministry of the Environment will decide on further process



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Adelaide Wind Farm
detailed studies

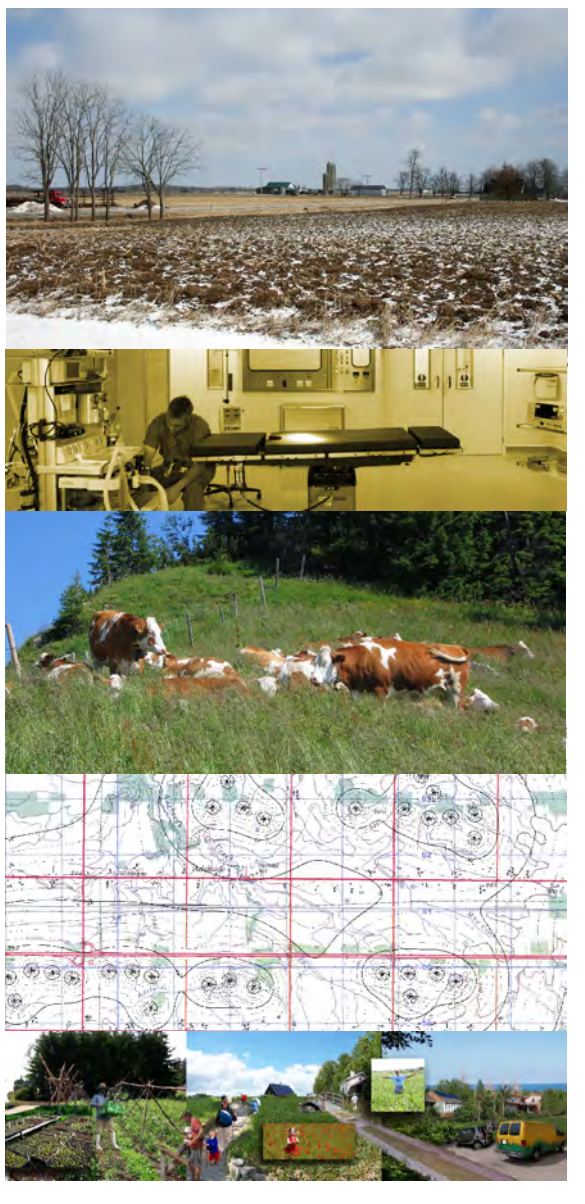
The physical, natural and human environments

The environmental assessment includes a review of the effects on the physical, natural and human environments by the wind farm project. A series of detailed studies are undertaken by Air Energy TCI and commissioned specialist consultants to ensure the feasibility and success of the project. These include:

- **Landscape**
- **Surface Water**
- **Soils and Groundwater**
- **Archaeology**

- **Wildlife**
- **Flora**
- **Aquatic ecology**

- **Noise**
- **Visual Impact**
- **Health**
- **Socio-economics**



Photomontage view looking west from School Road overpass

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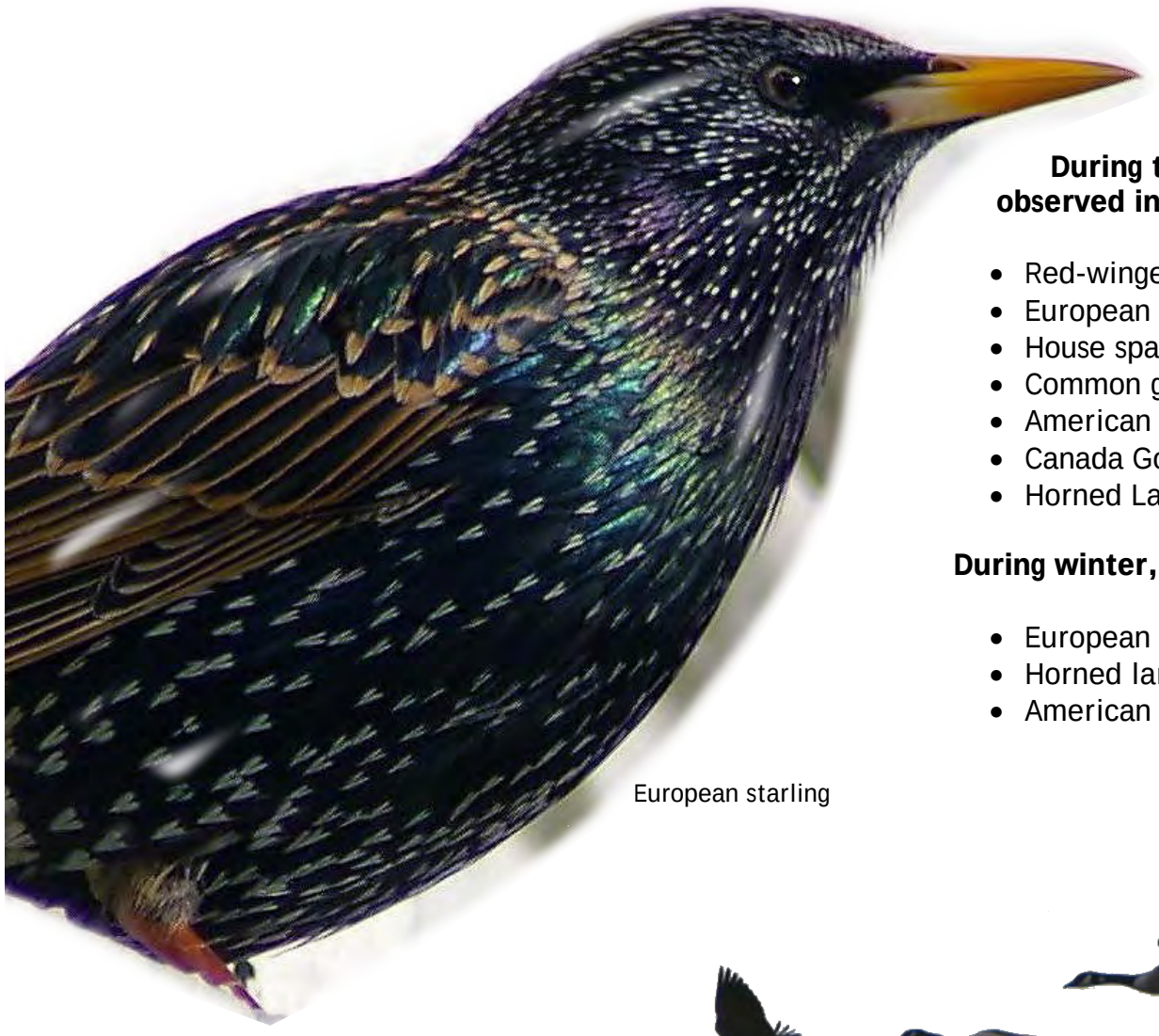
Adelaide Wind Farm birds

tcir

Field studies

Field surveys were completed during all four seasons to capture peak activity of migratory and non-migratory species



European starling

During the spring, summer and fall, the species most often observed in the Site Study Area (SSA) were:

- Red-winged blackbird (Agelaius phoeniceus)
- European starling (Sturnus vulgaris)
- House sparrow (Passer domesticus)
- Common grackle (Quisculus quiscula)
- American crow (Corvus brachyrhynchos)
- Canada Goose (Branta canadensis)
- Horned Lark (Eremophila alpestris)

During winter, the species most often observed in the SSA were:

- European Starling (Sturnus vulgaris)
- Horned lark (Eremophila alpestris)
- American crow (Corvus brachyrhynchos)

Overall, around 87% of all birds detected during the surveys were passerines (songbirds), followed by waterfowl (nearly 10%) and raptors (just over 1%).

Almost 82% of all flying birds were observed above or below the height to be within the sweep of the rotor blades (50 – 140 m above the ground).

Levels of potential bird strikes were reduced primarily by siting turbines away from woodlots and through the use of lighting and markings.

Based on observations of current use and mortality data from other wind power projects in eastern North America, avian mortality is expected to be low (fewer than two birds-per-turbine-per-year) and no residual effects to regional bird populations are anticipated.

The horned lark

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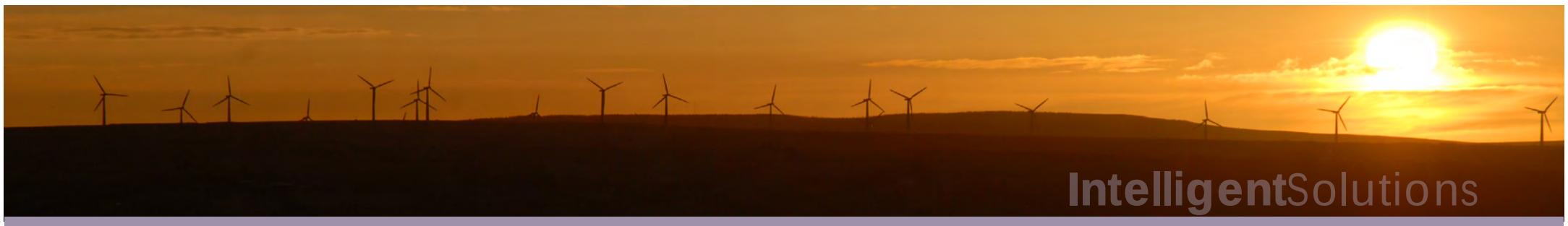

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Adelaide Wind Farm bats

Field surveys

Bat field surveys were conducted during the late swarming season and fall migration using ultrasonic bat detectors at stations distributed throughout the site study area.

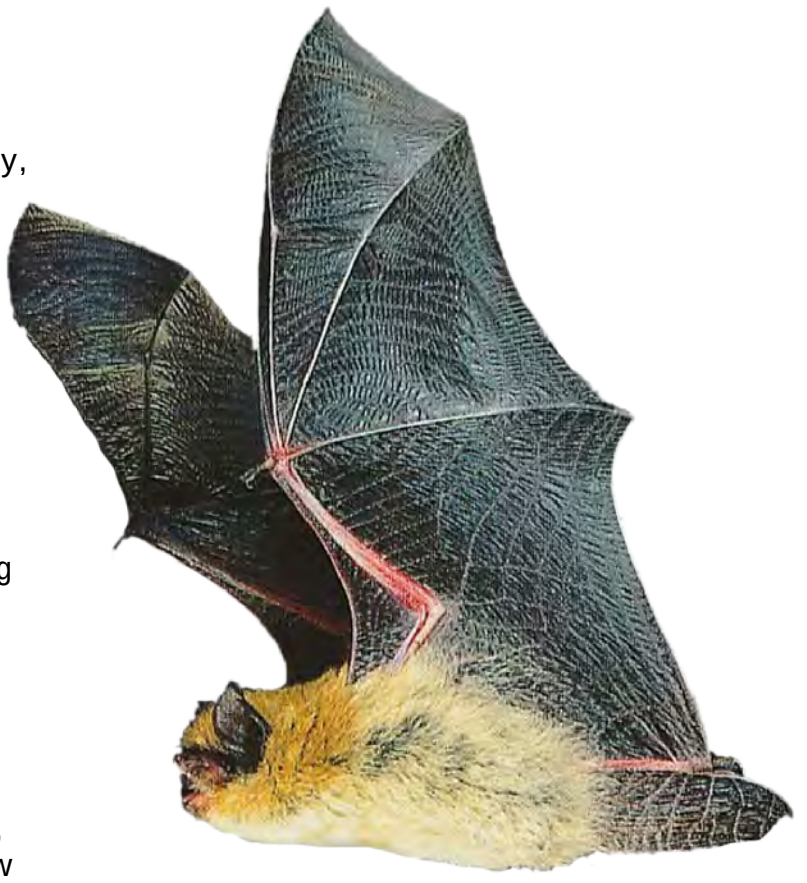
Bat detector

The study area is flat in topography, with a few river valleys where bats might congregate, but the area is primarily agricultural with limited bat habitat.

Results showed bat activity to be relatively low compared to other reference sites in Ontario.

Once again, levels of potential strikes have been reduced by siting the turbines away from woodlots, wetland areas, watercourses and buildings.

Based on the collated information and data from other wind power projects in eastern North America, bat mortality is expected to be low at 0-4 bats per turbine throughout the year.



Data from other wind power sites in Ontario would indicate that over the lifetime of the Adelaide project, there would be very limited residual effect on the bat population at these low mortality rates.

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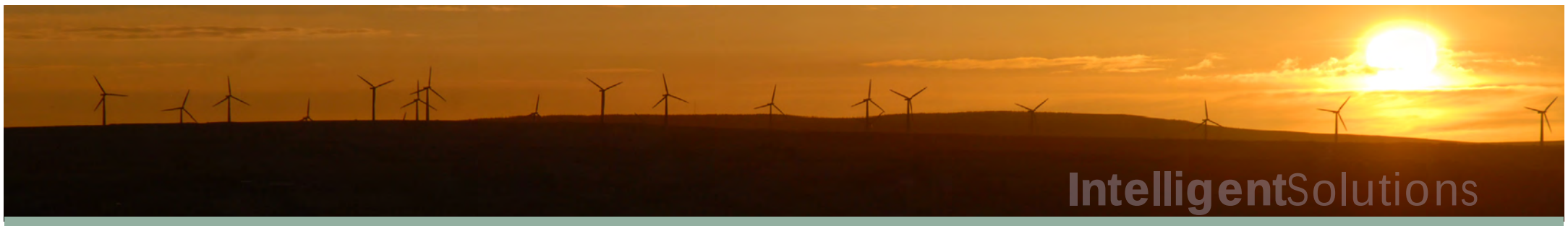

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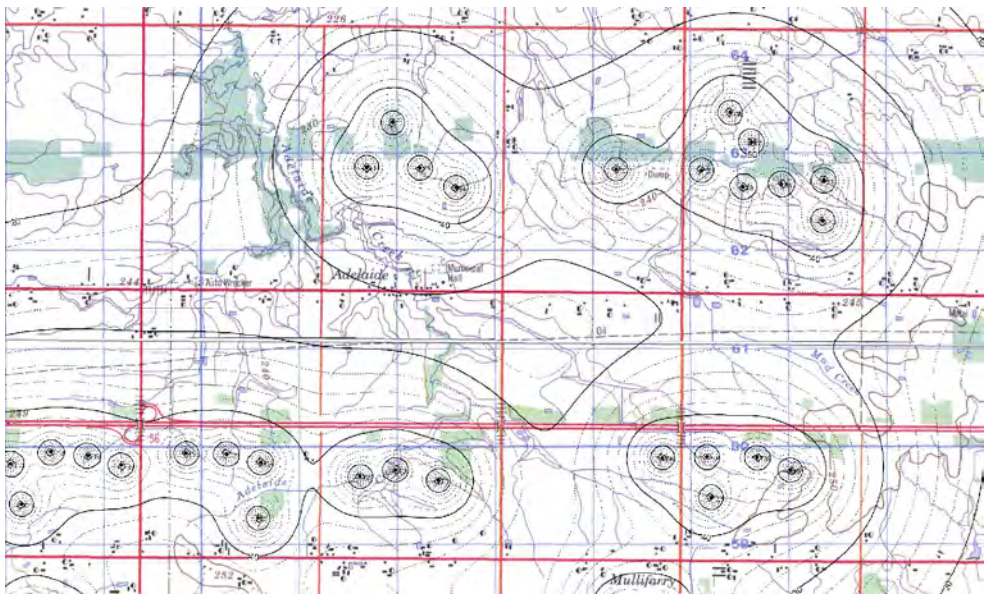
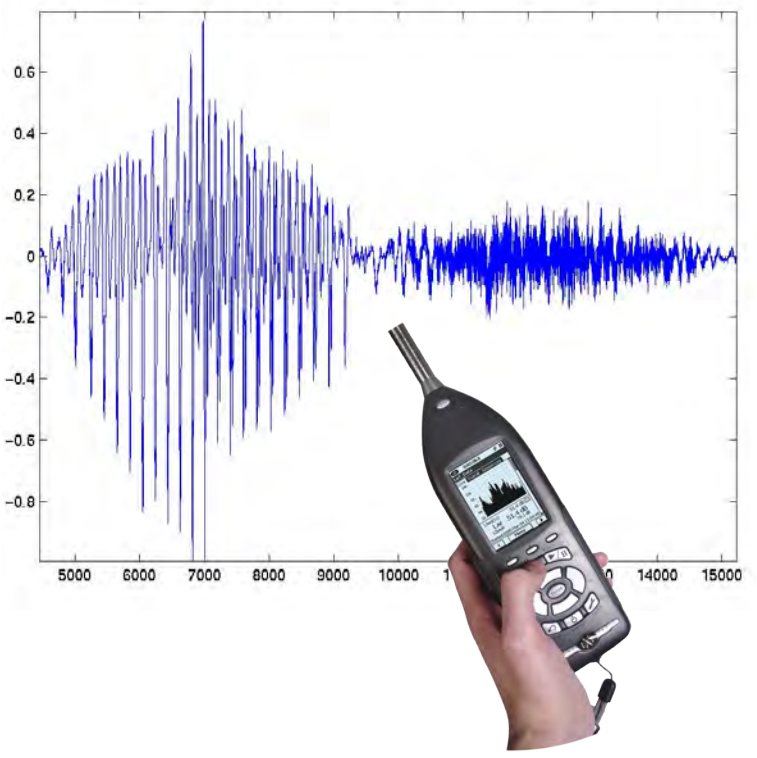
Adelaide Wind Farm noise studies

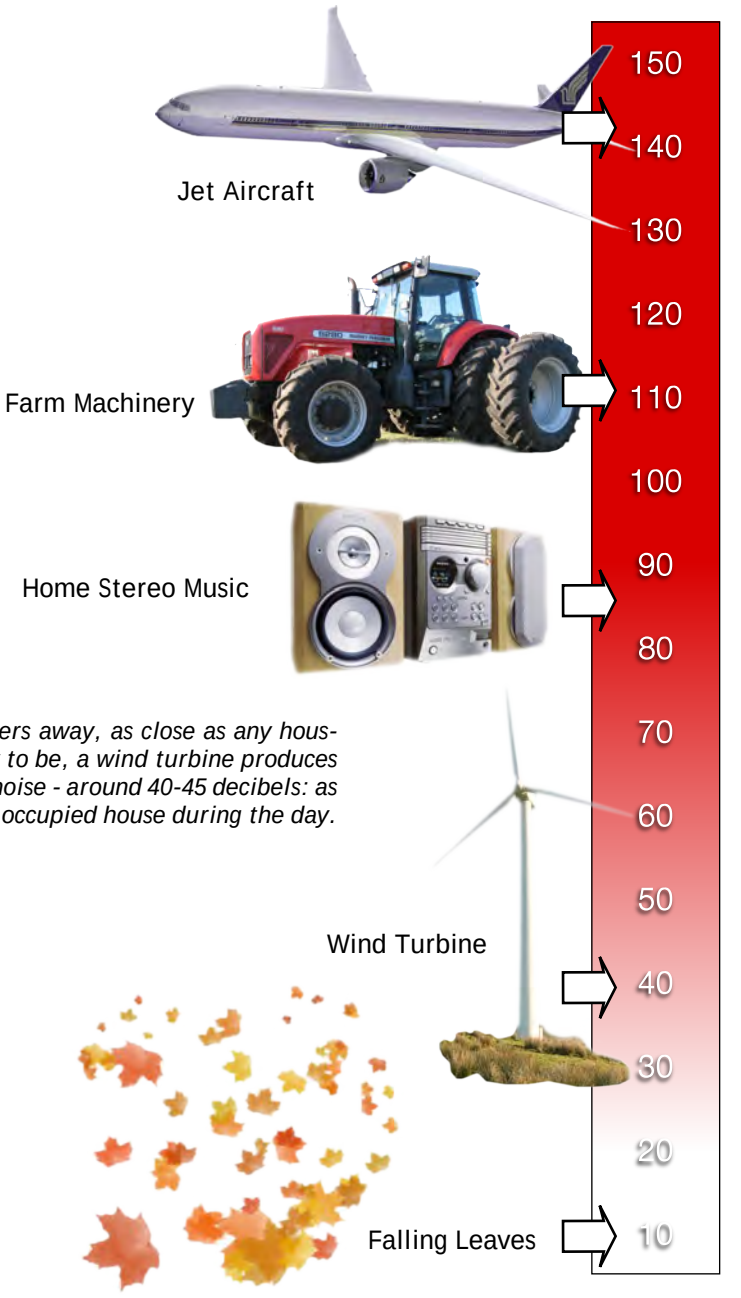
Predictive noise modelling



Noise levels were assessed for all potential residences within 1.5 km of the wind farm, in accordance with the most recent MOE guidelines, using a site-specific model. Vacant lots were included in the study as potential future receptors. The sound power levels of the turbines were provided by Vestas, the turbine manufacturer.

Predictive noise modelling was used, in conjunction with other siting parameters, to create an optimized site layout, which keeps noise levels at identified residences within the minimum requirements of the MOE noise guidelines.





At 350 meters away, as close as any housing is likely to be, a wind turbine produces very little noise - around 40-45 decibels: as quiet as an occupied house during the day.

FACT PANEL

Did you know that decibel levels (dBAs) are not added linearly, but logarithmically?

So, 60 dBA + 60 dBA is not 120 dBA but is equal to

63 dBA

In other words, doubling the noise energy levels adds a 3 dBA increase

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Adelaide Wind farm visual analysis

Photomontages and visual aids

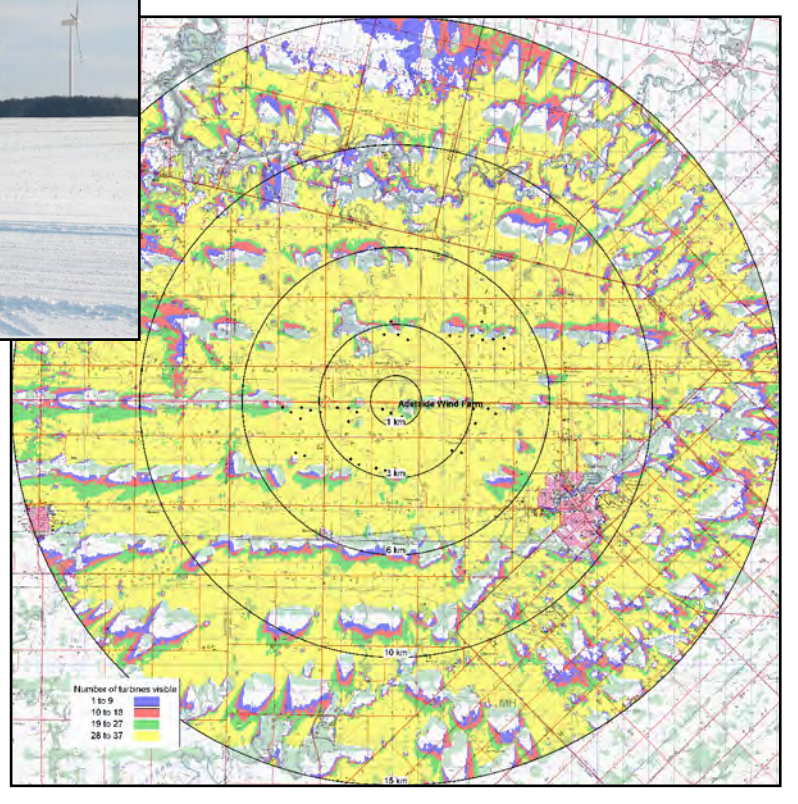
No wind power project is without a visual environmental effect. Clearly, the area surrounding the project will be changed - with the greatest change being a visual one. We have worked diligently to avoid or minimise the negative visual impacts of the development. In order to establish a better sense of what the turbines will look like when built, we have developed a series of photomontages.

Using a combination of original photographs from selected locations and computer rendered images, the photomontages show how the turbines will sit in the existing landscape.

All the images are reproduced in a portfolio, which is a part of the overall Environmental Assessment and which contains other map-based visual studies and models.

The view south-east from Cuddy Drive

The photomontage, above, is created in an industry-standard software programme using a combination of an original panoramic image and computer-generated turbines.



The shaded areas on the ZTV map (right) indicate the areas of potential visibility of the turbines. For the EA report, the Zone of Theoretical Visibility is measured out to 30 km from the wind farm centre.

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Adelaide Wind Farm health

tcir

Potential effects on health and safety

Several areas were identified as having a potential effect on health and safety conditions associated with wind farms.

- Health and safety issues during construction (working from heights and operation of heavy machinery)
- Ice throw (potential ice build-up on turbine blades that could be thrown by the motion of the blades)
- Shadow flicker (alternating changes in light intensity caused by moving blades)
- Noise (noise created by turbine operation)
- Turbine malfunction (collapse of turbine or blade detachment)

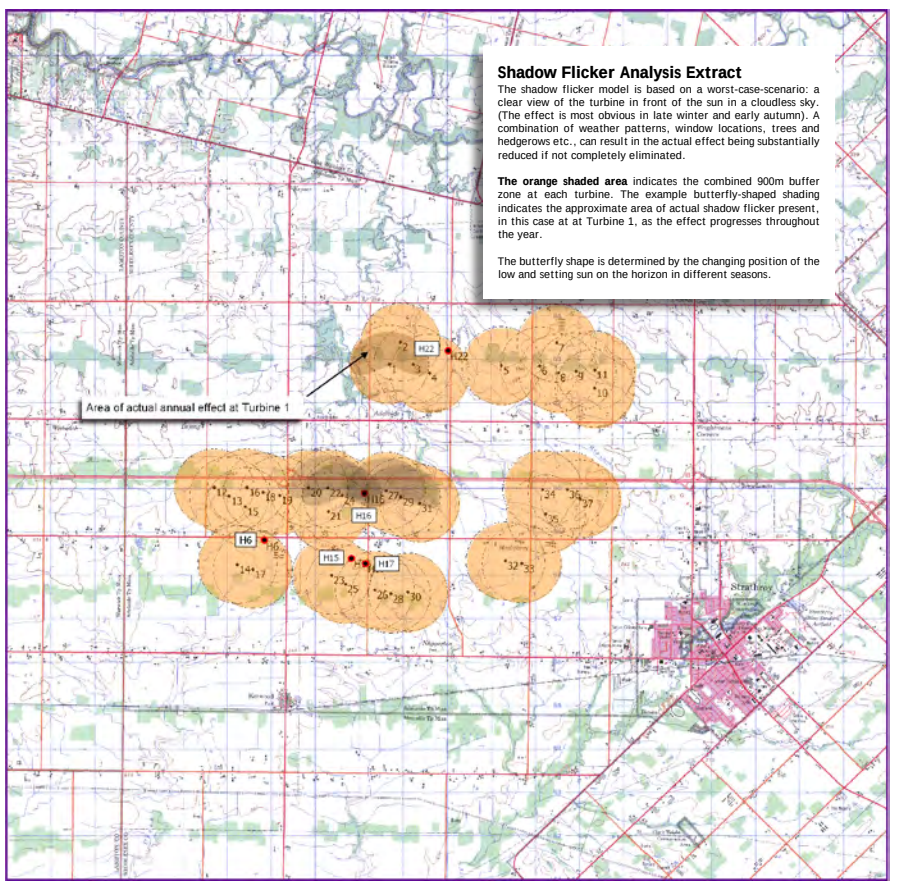
However, examinations of peer-reviewed journals and government agency materials suggest that these effects will be minimal at worst - based upon a low probability of occurrence. Almost all of these potential impacts can be minimized by careful location of the turbines and the application of standard health and safety measures.

"... as long as the Ministry of Environment Guidelines for location criteria of wind farms are followed, it is my opinion that there will be negligible adverse health impacts on Chatham-Kent citizens. Although opposition to wind farms on aesthetic grounds is a legitimate point of view, opposition to wind farms on the basis of potential adverse health consequences is not justified by the evidence."

Chatham-Kent's Acting Medical Officer of Health, Dr. David Colby

Mitigation measures

- A safe working environment which meets or exceeds applicable labour regulations.
- Detailed noise studies to ensure compliance with Ministry of Environment Guidelines.
- Applying minimum set-backs of turbines of at least 600 m from the nearestoff-site residences - that's 200 m in excess of the municipal requirement
- Ice detection and auto-shut-down on turbines; incidents of icing in SW Ontario are less frequent than other parts of the province. Modern wind turbines shut down when icing occurs or when wind speeds reach levels that could cause issues.
- Shadow flicker modelling incorporated into layout design to ensure the effect is kept within international industry guidelines.
- Maintenance of a call-in number for local residents to report problems or complaints about the wind farm or its operation.



Please ask one of our staff if you would like to see the Shadow Flicker analysis read out for the Adelaide Wind Farm

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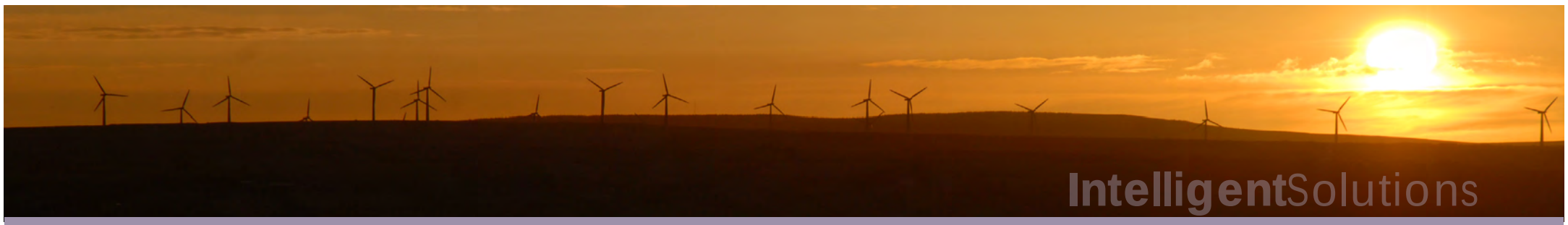

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Adelaide Wind Farm socio-economics

Socio-economic conditions and property values

An in-depth assessment of the socio-economic conditions identified both beneficial and adverse effects associated with the Adelaide Wind Farm.

Benefits included:

- Helping Ontario meet its wind energy targets
- Use of clean renewable energy and reduced emissions of Greenhouse Gases such as CO2, etc
- Job creation for local skilled workers (short & long term)
- Local spending on materials, plant hire, and boost to local economy; hotels, restaurants, etc.
- Payment into the municipal tax base through property taxes for the entire operational life of the project
- Payments to land owners with land option agreements for the entire operational life of the project
- Long term contracts for maintenance, snow removal, etc.
- Potential for tourism
- Improved infrastructure

The total cost of the Adelaide Wind Farm is estimated to be $216 million. At over $150 million the wind turbines represent the major cost component (approximately 70%), while the remaining $64 million-plus would be spent on the balance of plant, foundations, access tracks, cabling, plant, substation, transformers etc. A significant proportion of this could be sourced locally and regionally. This offers a significant opportunity for the local economy.

The table identifies the major adverse effects and what can be done to minimize them:

Impact	Action
Changes in the visual amenity	Tower, nacelles and blades painted in low-lustre finish, off-white.light grey paint - recommended for the region.
Stress loads on road system	Routes selected for minimal disruption. Mitigation measures developed as part of the municipal permitting process
Increased pressure on waste facilities during decommissioning phase	Removal and sale of all recyclable materials with value in their respective scrap markets. Monitoring the capacity of local waste facilities.
Loss of agricultural land	Agree with landowners on siting of infrastructure to mitigate impact, facilitate their farming practices and minimize the amount of land taken out of production

Recent concern about the effect of wind farms on property values has prompted several research papers about this issue. The general consensus amongst researchers and in the industry is that property values do not decline as a result of wind farms. For detailed information please visit the CanWEA website (www.canwea.ca) or refer to the studies listed below.

Blake, Matlock and Marshal Ltd. 2006. The Relationship of Windmill Development and Market Prices. Prepared for Windrush Energy September 2006. http://www.windrush-energy.com/

Grover, Stephen. 2002. *The Economic Impacts of a Proposed Wind Power Plant in Kittitas County, Washington State, USA*. Wind Engineering. 26(5):315-328.

Sterzinger, George, Frederic Beck and Damian Kostiuk. 2003. The effects of Wind Development on Local Property Values. Analytical Report prepared by the Renewable Energy Policy Project, sponsored by United States government. http://www.repp.org/wind/index.html

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Adelaide Wind Farm community

Public involvement is integral to the project

We believe that working with the community is of paramount importance and we take our responsibilities seriously in providing accurate, detailed information.

Throughout the environmental assessment process we are committed to consulting with area residents, community organizations, First Nations communities and government officials. We want to understand and address where possible the needs and concerns of the community and we will continue to share information as the project design progresses and develops.

Some of the key activities will be:

- Consultation letters
- Dissemination of project description
- Open Houses
- Local zoning applications
- Media articles
- Meetings and discussions with interested parties and agencies
- Progress updates
- Project webpage at www.tcirenewables.com
- Posting of ESR/EIS report during public review period and addressing any concerns raised
- Freephone number

consultation
response
open house
freephone
website
news
update

renewables

www.tcirenewables.c
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TCI Renewables

Adelaide Wind Farm

THANK YOU

Air Energy/TCI Renewables would like to thank you for attending the Open House for the Adelaide Wind Farm

Please fill out your comments sheet and leave it with us, and feel free to ask any questions you might have about:

- the Adelaide Wind Farm project
- the Environmental Assessment Report
- Our public involvement and consultation plans
- Any other topic of interest or concern to you

Your feedback will help to enrich both the EA process and, ultimately, the proposed project and will be considered throughout the development phase as well as within the 30-day review period for the Environmental Assessment Report.

For more information or to offer your feedback please go to our website at:
www.tcirenewables.com

You can also contact our Project Development Manager, Mark Gallagher, on:
514 805-3243
Or email to:
Mark.gallagher@tcir.net

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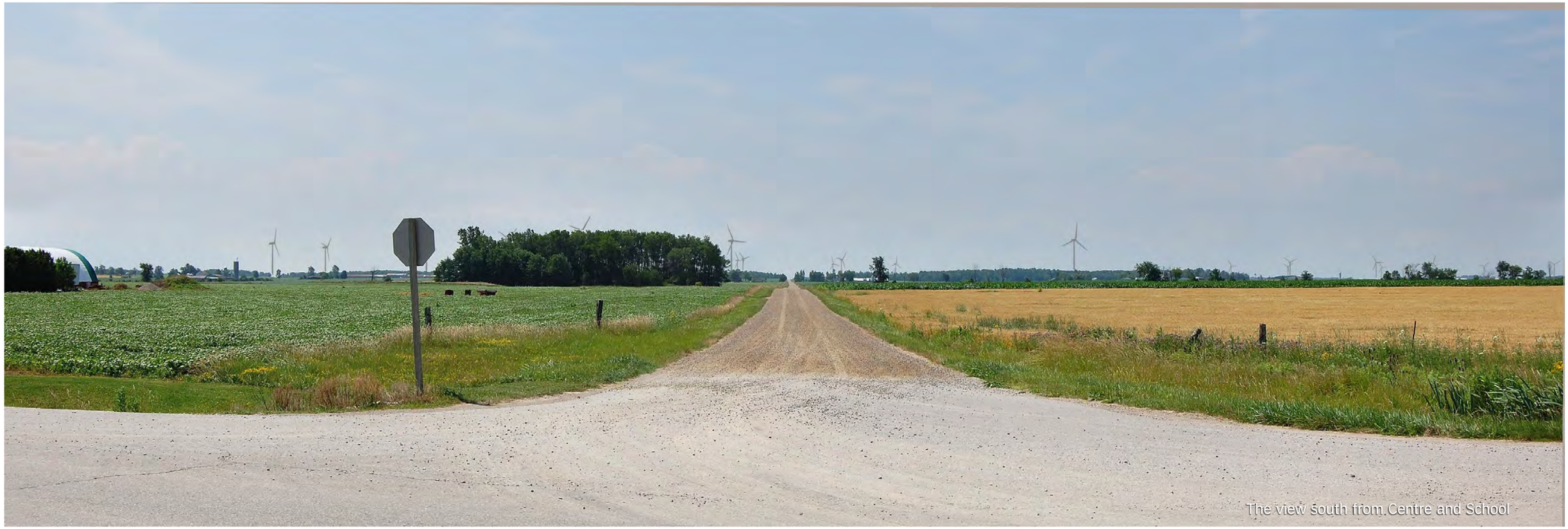
Adelaide Wind Farm



The view south from Centre and School

Photomontage

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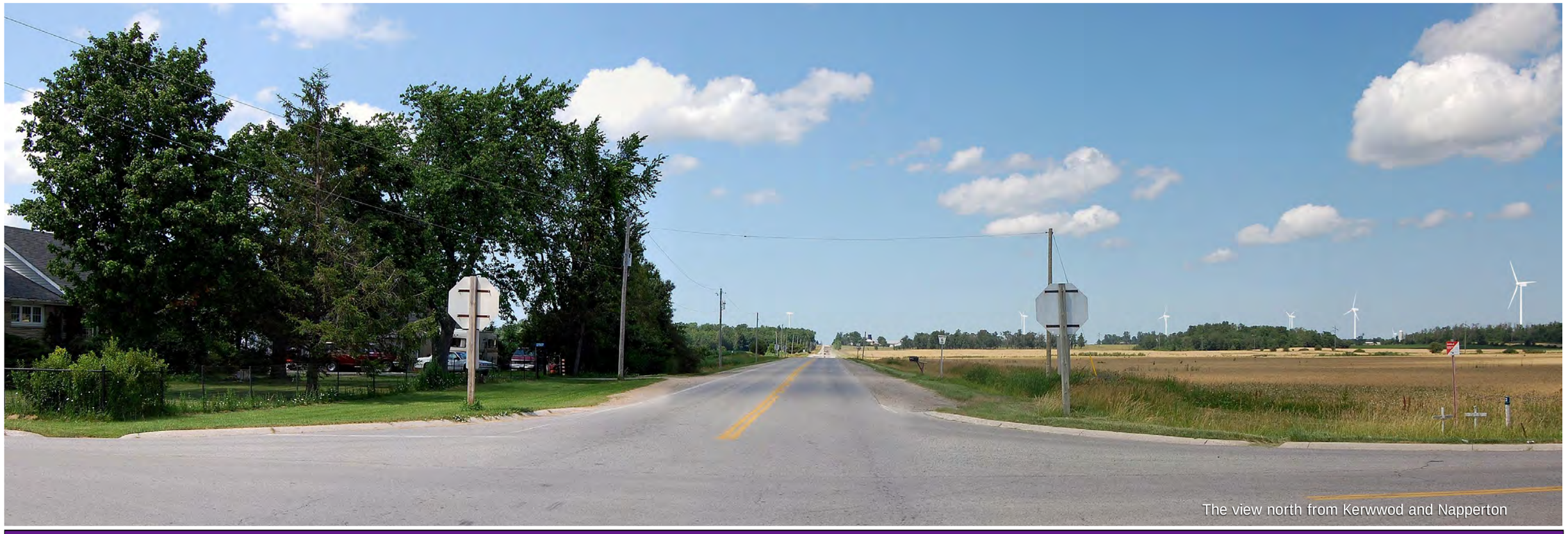
Adelaide Wind Farm



The view north from Kerwwod and Napperton

Photomontage

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The view west from Shooting Star Motel

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The view north on School

Photomontage

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The view east from Adelaide Municipal offices

Photomontage

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The view west from Hickory Corner

Photomontage

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The view southwest from School overpass

Photomontage

Adelaide Wind Farm Open House

Comment Form

Thursday March 26, 2009

Adelaide Metcalfe Township Offices

We are collecting this information to help us understand and address your concerns. **Your comments will be considered in the final Environmental Screening Report.** *All comments will become part of the public record, with the exception of personal information (names, addresses, emails).*

1. Did this Open House meet your information needs?

   o Yes

   o Somewhat

   o No

   Please Explain: _____

   _____

2. If you asked questions during the Open House, did you get a satisfactory response?

   o Didn't speak to anyone

   o Yes

   o Somewhat

   o No

   Please Explain: _____

   _____

3. After attending the Open House, how do you feel about the Project?

   o Support

   o Neutral

   o Oppose

   Please Explain: _____

   _____

4. Are you satisfied with the level of assessment completed?

   o Yes

   o Somewhat

   o No

   Please Explain: _____

   _____

5. Please provide your comment or question in the space provided below.

   _____

   _____

   _____

   _____

   _____

   _____

6. If you would like to be kept informed about the status of the Project, please provide us with your contact information below.

Contact Information:

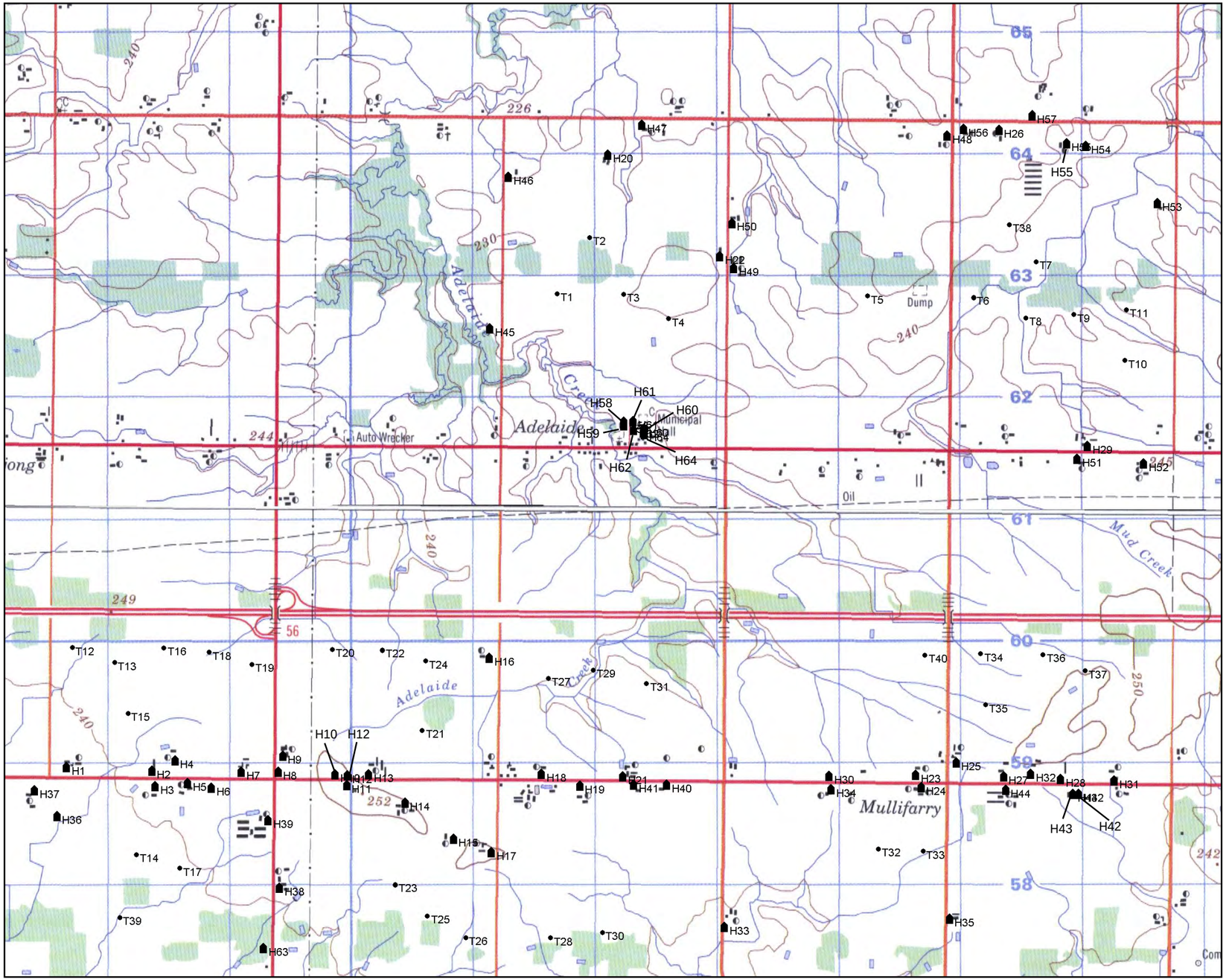
Name:		
Place of Primary Residence:		
Address:		Telephone Number(s):
City/Province:	Postal Code:	Email:

If you prefer to mail your comment sheet back to us, please mail it to:

Mark Gallagher, Project Manager
TCI Renewables
Suite 102
381 Rue Notre-Dame Ouest
Montréal
QC, H2Y 1V2

Your feedback is very important to us. We appreciate the time you took to fill out this comment form.

Thank you for joining us at the Adelaide Wind Farm Open House



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Notes:

Title

Shadow Flicker

Potential receptors and turbines
L:ayout 27

Project:

Adelaide Wind Farm
Ontario

Project : Adelaide Wind Farm

SUMMARY OF SHADOW TIMES ON EACH WINDOW

House/ Window	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle	Days per year	Max hours per day	Mean hours per day	Total hours	Total adjusted hours
1/ 1	437663	4758959	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
2/ 1	438366	4758931	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
3/ 1	438393	4758804	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
4/ 1	438555	4759018	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
5/ 1	438660	4758829	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
6/ 1	438852	4758789	1.0	1.0	2.0	0.0	90.0	25	0.28	0.23	5.7	**2.17**
7/ 1	439100	4758923	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
8/ 1	439403	4758925	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
9/ 1	439439	4759052	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
10/ 1	439871	4758902	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
11/ 1	439966	4758815	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
12/ 1	439969	4758896	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
13/ 1	440146	4758903	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
14/ 1	440444	4758671	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
15/ 1	440842	4758373	1.0	1.0	2.0	0.0	90.0	79	0.59	0.53	42.2	**16.12**
16/ 1	441138	4759860	1.0	1.0	2.0	0.0	90.0	84	1.52	0.96	80.2	**30.64**
17/ 1	441155	4758263	1.0	1.0	2.0	0.0	90.0	39	0.46	0.35	13.8	**5.27**
18/ 1	441565	4758907	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
19/ 1	441880	4758811	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
20/ 1	442112	4763995	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
21/ 1	442236	4758885	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
22/ 1	443031	4763157	1.0	1.0	2.0	0.0	90.0	40	0.45	0.35	14.1	**5.39**
23/ 1	444640	4758898	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
24/ 1	444685	4758797	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
25/ 1	444973	4758997	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
26/ 1	445326	4764198	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
27/ 1	445363	4758884	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
28/ 1	445830	4758866	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
29/ 1	446051	4761600	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
30/ 1	443927	4758891	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
31/ 1	446272	4758850	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
32/ 1	445585	4758904	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
33/ 1	443071	4757649	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
34/ 1	443944	4758781	1.0	1.0	2.0	0.0	90.0	52	0.51	0.43	22.3	**8.52**
35/ 1	444917	4757714	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
36/ 1	437584	4758558	1.0	1.0	2.0	0.0	90.0	42	0.52	0.41	17.1	**6.53**
37/ 1	437399	4758772	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
38/ 1	439413	4757971	1.0	1.0	2.0	0.0	90.0	38	0.45	0.35	13.4	**5.12**
39/ 1	439320	4758524	1.0	1.0	2.0	0.0	90.0	55	0.48	0.37	20.4	**7.79**
40/ 1	442596	4758817	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
41/ 1	442323	4758818	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
42/ 1	445978	4758740	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
43/ 1	445930	4758743	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
44/ 1	445381	4758774	1.0	1.0	2.0	0.0	90.0	63	0.45	0.39	24.4	**9.32**
45/ 1	441142	4762567	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
46/ 1	441293	4763813	1.0	1.0	2.0	0.0	90.0	52	0.47	0.37	19.1	**7.30**
47/ 1	442390	4764241	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
48/ 1	444900	4764150	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
49/ 1	443145	4763062	1.0	1.0	2.0	0.0	90.0	76	0.53	0.48	36.3	**13.87**
50/ 1	443129	4763433	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
51/ 1	445967	4761495	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
52/ 1	446513	4761457	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
53/ 1	446625	4763598	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
54/ 1	446037	4764066	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
55/ 1	445879	4764088	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
56/ 1	445032	4764206	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
57/ 1	445596	4764316	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
58/ 1	442243	4761799	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
59/ 1	442243	4761770	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
60/ 1	442406	4761740	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
61/ 1	442321	4761805	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
62/ 1	442323	4761729	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
63/ 1	439283	4757476	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
64/ 1	442410	4761701	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	

Weather Data from London Airport Database - Incidence of Sunshine

Bright Sunshine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total hours	65.9	91.5	119.5	162.1	220.6	243.4	262	221.9	162.8	128.2	69.7	52.4
Days with measurable sunshine	18.6	19.6	22.5	24.6	27.4	28.6	30.2	29.1	26.3	25.7	18.7	16.4
% of daylight hours	22.6	30.9	32.4	40.4	48.6	53	56.3	51.4	43.3	37.4	23.8	18.6

The figures in the data table (left) are taken from weather database at London Airport.

The figures reveal an average incidence of sunshine over the year of 38.22% against total daylight hours. These measurements indicate that the figures determined from the WindFarm model would need to be adjusted to give a more accurate reading of potential shadow flicker.

A total adjusted figure - in bold - is included in the data table. Only one, house 16, exceeds the 30-hour limit without other mitigating factors.

TCI Renewables
Suite 102, 381 Notre Dame West
Montreal, QC, H2Y 1V2
TEL: 514 842 1923
FAX: 514 842 7904
info@tcirenewables.com
www.tcirenewables.com

Note

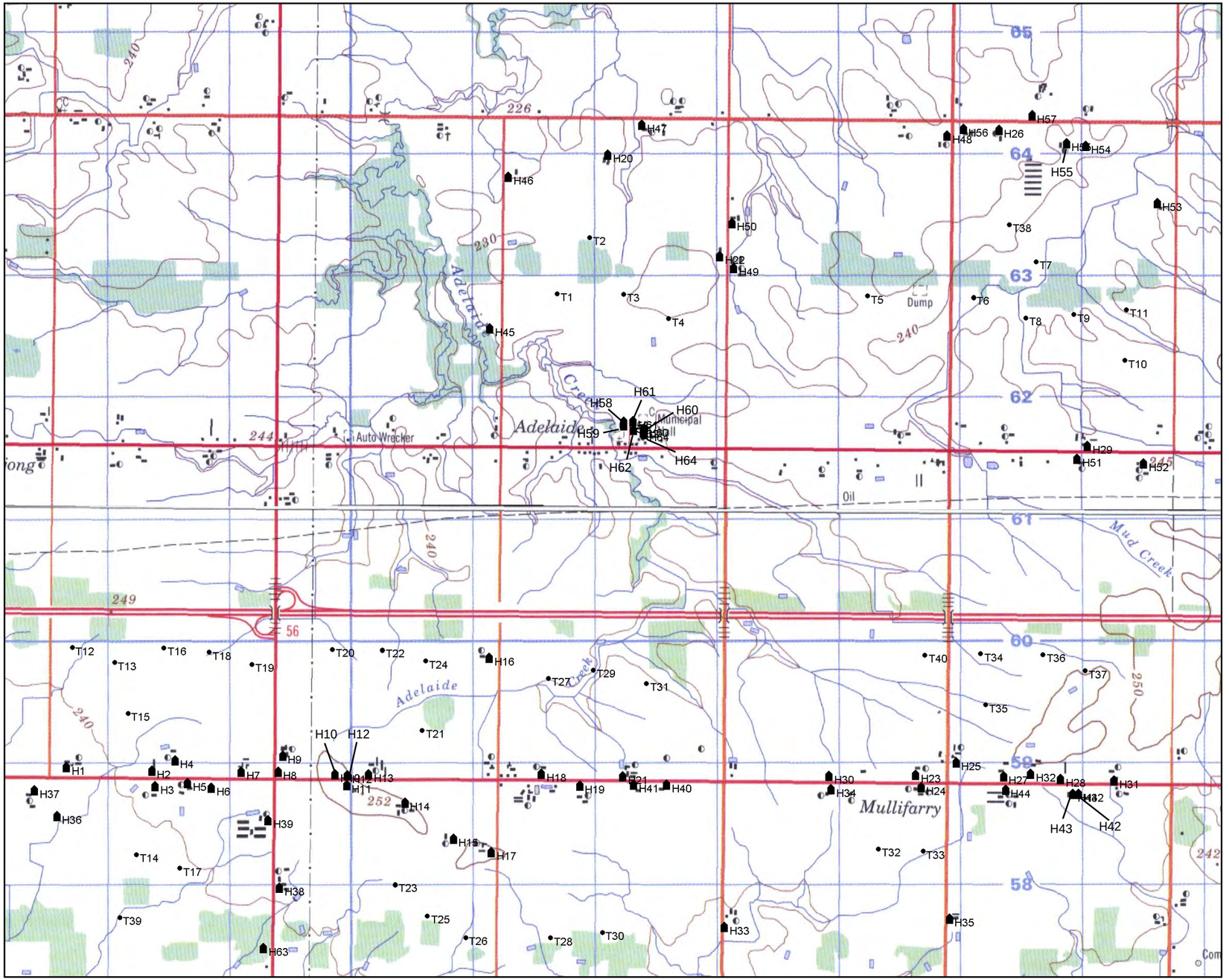
To approximate the level of effect at each location, these shadow times have been assessed on a worst-case-scenario: a horizontal 1.0 metre square window with an unimpeded view of the sun. This does not take into account any other conditions which might affect the intensity and/or duration of shadow flicker.

Title

Shadow Flicker Data
Tables of shadow times at all potential receptors
Layout 27 - March 2009

Project

Adelaide Wind Farm
Adelaide, Ontario



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Notes:

Title

Shadow Flicker

Potential receptors and turbines
L:ayout 27

Project:

Adelaide Wind Farm
Ontario

Project : Adelaide Wind Farm

SUMMARY OF SHADOW TIMES ON EACH WINDOW

House/ Window	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle	Days per year	Max hours per day	Mean hours per day	Total hours	Total adjusted hours
1/ 1	437663	4758959	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
2/ 1	438366	4758931	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
3/ 1	438393	4758804	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
4/ 1	438555	4759018	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
5/ 1	438660	4758829	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
6/ 1	438852	4758789	1.0	1.0	2.0	0.0	90.0	25	0.28	0.23	5.7	**2.17**
7/ 1	439100	4758923	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
8/ 1	439403	4758925	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
9/ 1	439439	4759052	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
10/ 1	439871	4758902	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
11/ 1	439966	4758815	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
12/ 1	439969	4758896	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
13/ 1	440146	4758903	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
14/ 1	440444	4758671	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
15/ 1	440842	4758373	1.0	1.0	2.0	0.0	90.0	79	0.59	0.53	42.2	**16.12**
16/ 1	441138	4759860	1.0	1.0	2.0	0.0	90.0	84	1.52	0.96	80.2	**30.64**
17/ 1	441155	4758263	1.0	1.0	2.0	0.0	90.0	39	0.46	0.35	13.8	**5.27**
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19/ 1	441880	4758811	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
20/ 1	442112	4763995	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
21/ 1	442236	4758885	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
22/ 1	443031	4763157	1.0	1.0	2.0	0.0	90.0	40	0.45	0.35	14.1	**5.39**
23/ 1	444640	4758898	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
24/ 1	444685	4758797	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
25/ 1	444973	4758997	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
26/ 1	445326	4764198	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
27/ 1	445363	4758884	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
28/ 1	445830	4758866	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
29/ 1	446051	4761600	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
30/ 1	443927	4758891	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
31/ 1	446272	4758850	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
32/ 1	445585	4758904	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
33/ 1	443071	4757649	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
34/ 1	443944	4758781	1.0	1.0	2.0	0.0	90.0	52	0.51	0.43	22.3	**8.52**
35/ 1	444917	4757714	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
36/ 1	437584	4758558	1.0	1.0	2.0	0.0	90.0	42	0.52	0.41	17.1	**6.53**
37/ 1	437399	4758772	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
38/ 1	439413	4757971	1.0	1.0	2.0	0.0	90.0	38	0.45	0.35	13.4	**5.12**
39/ 1	439320	4758524	1.0	1.0	2.0	0.0	90.0	55	0.48	0.37	20.4	**7.79**
40/ 1	442596	4758817	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
41/ 1	442323	4758818	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
42/ 1	445978	4758740	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
43/ 1	445930	4758743	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
44/ 1	445381	4758774	1.0	1.0	2.0	0.0	90.0	63	0.45	0.39	24.4	**9.32**
45/ 1	441142	4762567	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
46/ 1	441293	4763813	1.0	1.0	2.0	0.0	90.0	52	0.47	0.37	19.1	**7.30**
47/ 1	442390	4764241	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
48/ 1	444900	4764150	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
49/ 1	443145	4763062	1.0	1.0	2.0	0.0	90.0	76	0.53	0.48	36.3	**13.87**
50/ 1	443129	4763433	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
51/ 1	445967	4761495	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
52/ 1	446513	4761457	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
53/ 1	446625	4763598	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
54/ 1	446037	4764066	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
55/ 1	445879	4764088	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
56/ 1	445032	4764206	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
57/ 1	445596	4764316	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
58/ 1	442243	4761799	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
59/ 1	442243	4761770	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
60/ 1	442406	4761740	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
61/ 1	442321	4761805	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
62/ 1	442323	4761729	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
63/ 1	439283	4757476	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	
64/ 1	442410	4761701	1.0	1.0	2.0	0.0	90.0	0	0.00	0.00	0.0	

Weather Data from London Airport Database - Incidence of Sunshine

Bright Sunshine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total hours	65.9	91.5	119.5	162.1	220.6	243.4	262	221.9	162.8	128.2	69.7	52.4
Days with measurable sunshine	18.6	19.6	22.5	24.6	27.4	28.6	30.2	29.1	26.3	25.7	18.7	16.4
% of daylight hours	22.6	30.9	32.4	40.4	48.6	53	56.3	51.4	43.3	37.4	23.8	18.6

The figures in the data table (left) are taken from weather database at London Airport.

The figures reveal an average incidence of sunshine over the year of 38.22% against total daylight hours. These measurements indicate that the figures determined from the WindFarm model would need to be adjusted to give a more accurate reading of potential shadow flicker.

A total adjusted figure - in bold - is included in the data table. Only one, house 16, exceeds the 30-hour limit without other mitigating factors.

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TEL: 514 842 1923
FAX: 514 842 7904
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www.tcirenewables.com

Note

To approximate the level of effect at each location, these shadow times have been assessed on a worst-case-scenario: a horizontal 1.0 metre square window with an unimpeded view of the sun. This does not take into account any other conditions which might affect the intensity and/or duration of shadow flicker.

Title

Shadow Flicker Data
Tables of shadow times at all potential receptors
Layout 27 - March 2009

Project

Adelaide Wind Farm
Adelaide, Ontario

APPENDIX A.6

FIRST NATIONS COMMUNICATION

The Council of Three Fires

IMPORTANT INVITATION

Walpole Island First Nation
Exclusive Event For Wind Project Proponents and Government Agencies:

"CREATING OPPORTUNITIES AND OVERCOMING OBSTACLES FOR ACCESS TO OUR TRADITIONAL TERRITORY"

Your company is planning a wind project in Walpole Island First Nation's traditional territory.

Canadian law requires that both provincial and federal governments consult with First Nations in order to accommodate their rights and interests in regard to any project that is proposed within their traditional territories or which might affect their rights. The governments can, and often do, delegate to proponents, such as your company, aspects of this duty. Walpole Island First Nation, however, expects the Crown to meet its legal duty regardless of any relationship developed with proponents.

Your company would benefit by securing access to our traditional territory and gaining the certainty, security, and funding, that this will bring. We offer this invitation-only event to:

- Outline what benefits you will obtain by working with our First Nation, which is a recognized leader in environmental stewardship and in working with proponents.
- Discuss opportunities to enhance biodiversity within the region
- Develop opportunities for wind operators to improve species habitat and well-being of area bird species
- Provide you with advance insight on how to avoid legal and practical obstacles that pertain to our rights.
  - Inform you of the nature and extent of our aboriginal and treaty rights (including our major claims for aboriginal title over a large part of the Great Lakes basin).
  - Inform you of our protocols and expectations on consultation and accommodation.
  - Explain the criteria by which we will assess each wind project and proponent on the ability to accommodate our legal rights and interests.
- Open the door to a streamlined process for working with our First Nation in our traditional territory.

We are requesting all wind project proponents with plans in our traditional territory to attend this event. We are inviting key government decision-makers. Our experts and lawyers will also be in attendance.

Date: **September 18, 2008**
Time: **11 a.m. to 4 p.m.**
Place: **Walpole Island Community Hall (see attached map) – 4hr drive from Toronto**
Lunch: **Provided**

Please fill out and submit the attached registration form with fee. There is a separate form for government agencies – if you have any questions regarding government agency registration, please contact Toni Nahdee at the Walpole Island Heritage Centre. Discount for registering early.

R.R. #3, WALPOLE ISLAND, ONTARIO N8A 4K9 • TEL: (519) 627-1481 • FAX: (519) 627-0440

The Council of Three Fires

WALPOLE ISLAND FIRST NATION
EXCLUSIVE EVENT FOR WIND PROJECT PROPONENTS

REGISTRATION FORM

If you register and pay by August 29, the fee (per company) is $3500.
If you register and pay after August 29, the fee (per company) is $4000.

Please mail this completed registration form and fee (cheque or money order payable to Walpole Island First Nation), along with **current versions of ESRs** for your projects and a map to detail project locations, to:

Walpole Island Heritage Centre
Attention: Dr. Dean Jacobs, Director
RR 3, Wallaceburg ON
N8A 4K9

Company Name ____

Company Representatives Attending (name and title). Limit 2 per company:

____
____

Company Address/Phone/Fax/Email/Website

____
____
____
____

Name and/or Location or Description of Proposed Wind Project

____
____
____
____

Confirmation of Payment and Amount
By cheque:
By money order or bank draft:

Any special dietary need of representatives attending:

____

* Should consultation with WIFN be required before this event in September, you are expected to contact WIFN legal counsel to arrange for this: Kate Kempton, Olthuis Kleer Townshend, phone 416-981-9374, email kkempton@oktlaw.com.

** The event has been scheduled to allow company representatives from Toronto to drive to Walpole Island and back in one day. Those who wish to stay overnight, near Walpole Island, may consult the list of hotels in the area, which is provided in this package.

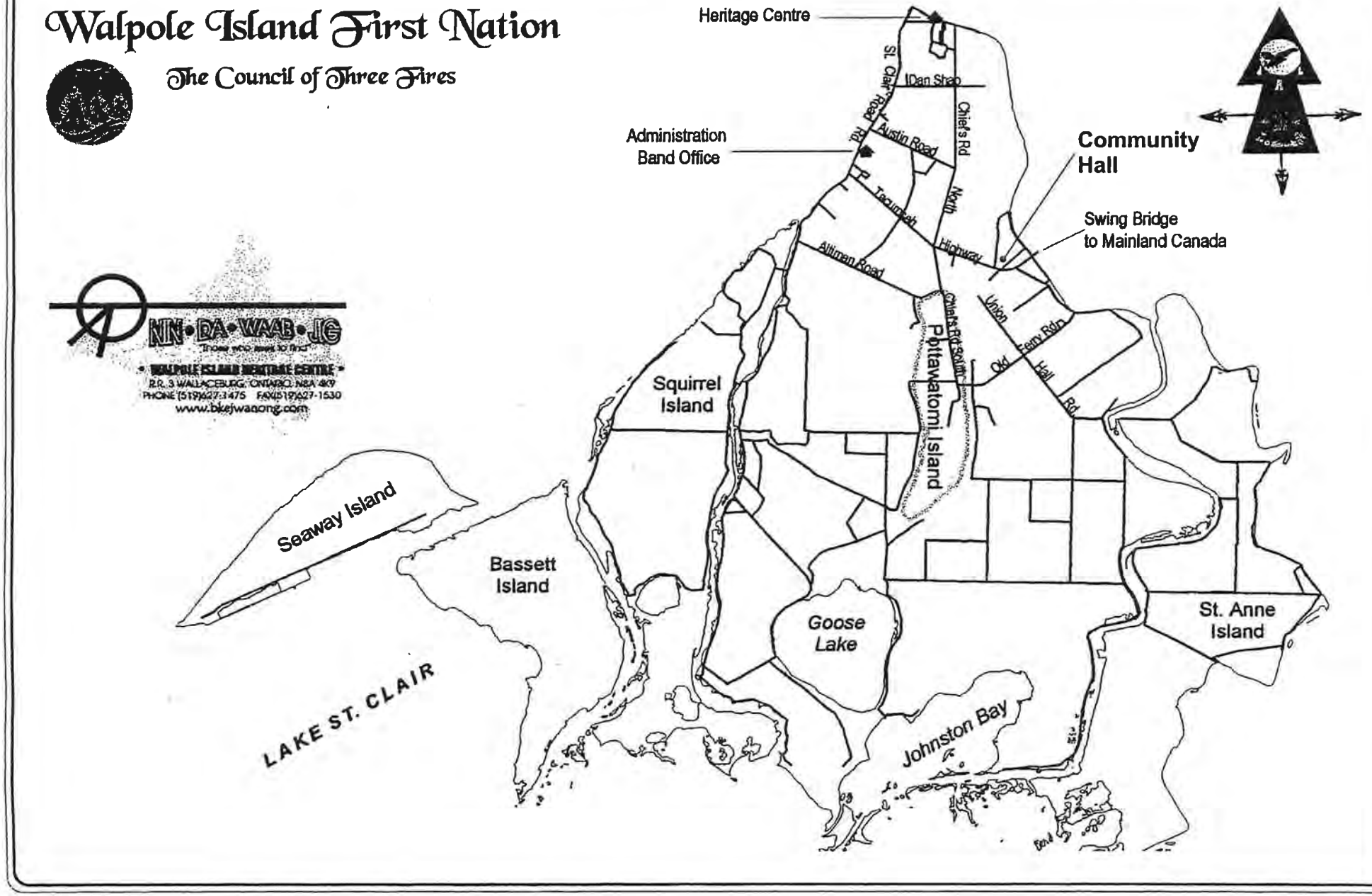
AGENDA FOR SEPTEMBER 18 EVENT

11 – 11:30	Late registrations and introductions
11:30 – 12	WIFN presentation: its rights, territory, culture
12 – 12:30	WIFN's consultation and accommodation protocol
12:30 – 1	Lunch provided
1 – 1:30	Introduction to WIFN's review of wind projects (need for and purposes and advantages of this)
1:30 – 2:30	Scorecard – criteria on which WIFN reviews and analyses wind projects
2:30 – 2:45	Break
2:45 – 3:15	Review fee structure and information required from proponents
3:15 – 3:45	Questions and answers
3:45 – 4	Closing remarks from the Chief

R.R. #3, WALPOLE ISLAND, ONTARIO N8A 4K9 • TEL: (519) 627-1481 • FAX: (519) 627-0440

Walpole Island First Nation

The Council of Three Fires



Ontario Power Authority

120 Adelaide Street West
Suite 1600
Toronto, Ontario M5H 1T1

T 416-967-7474
F 416-967-1947
www.powerauthority.on.ca

July 11, 2008

Chief Joseph Gilbert
Bkejwanong Territory
Walpole Island
RR #3
Wallaceburg, ON N8A 4K9

Dear Chief Gilbert:

You will recall that Ontario's Minister of Energy issued a Directive to the Ontario Power Authority (OPA) on August 27, 2007 to procure up to 2,000 megawatts of Renewable Energy by 2011. That Directive is called the "RES Directive".

In that Directive it was stated that:

> "It is my view that First Nation and Métis peoples should be consulted early in the planning and development stages for the new renewable energy projects under this 2,000 MW direction. As such, I direct that the OPA develop guidelines and processes to ensure that appropriate consultation with First Nation and Métis peoples takes place. The Crown will continue to assess the adequacy of the consultation, including whether there is accommodation, where appropriate, for impacts that the specific projects may have on Aboriginal or treaty rights."

You may also recall that the OPA wrote you on June 9, 2008, providing certain sections from the Draft Renewable Energy Supply (RES) III Request for Proposals (RFP). In that June 9 letter the OPA also let you know that the RES III documents relating to the roles of the Crown and proponents, as well as suggested Guidelines and Best Practices for Consultation would be sent to you in the near future.

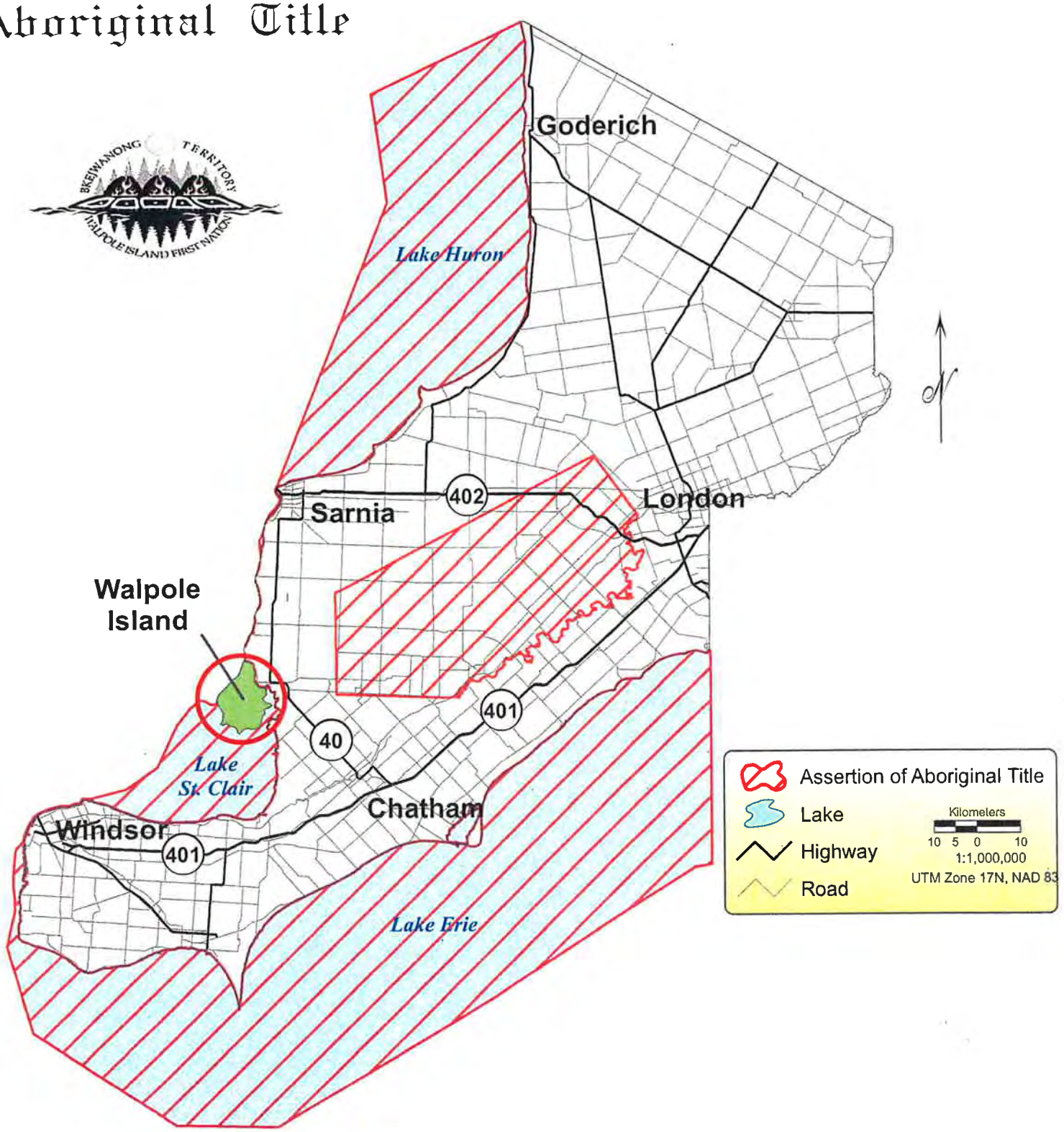
I am pleased to enclose final drafts of those documents as Appendix R, Appendix S and Appendix T from the Draft RES III RFP.

Appendix R contains two different letters for two different possible scenarios. The first is the letter from the Crown to a proponent laying out the Crown's expectations for a consultation process. The second is a letter that would be used, if applicable, advising a proponent that there is no duty to consult.

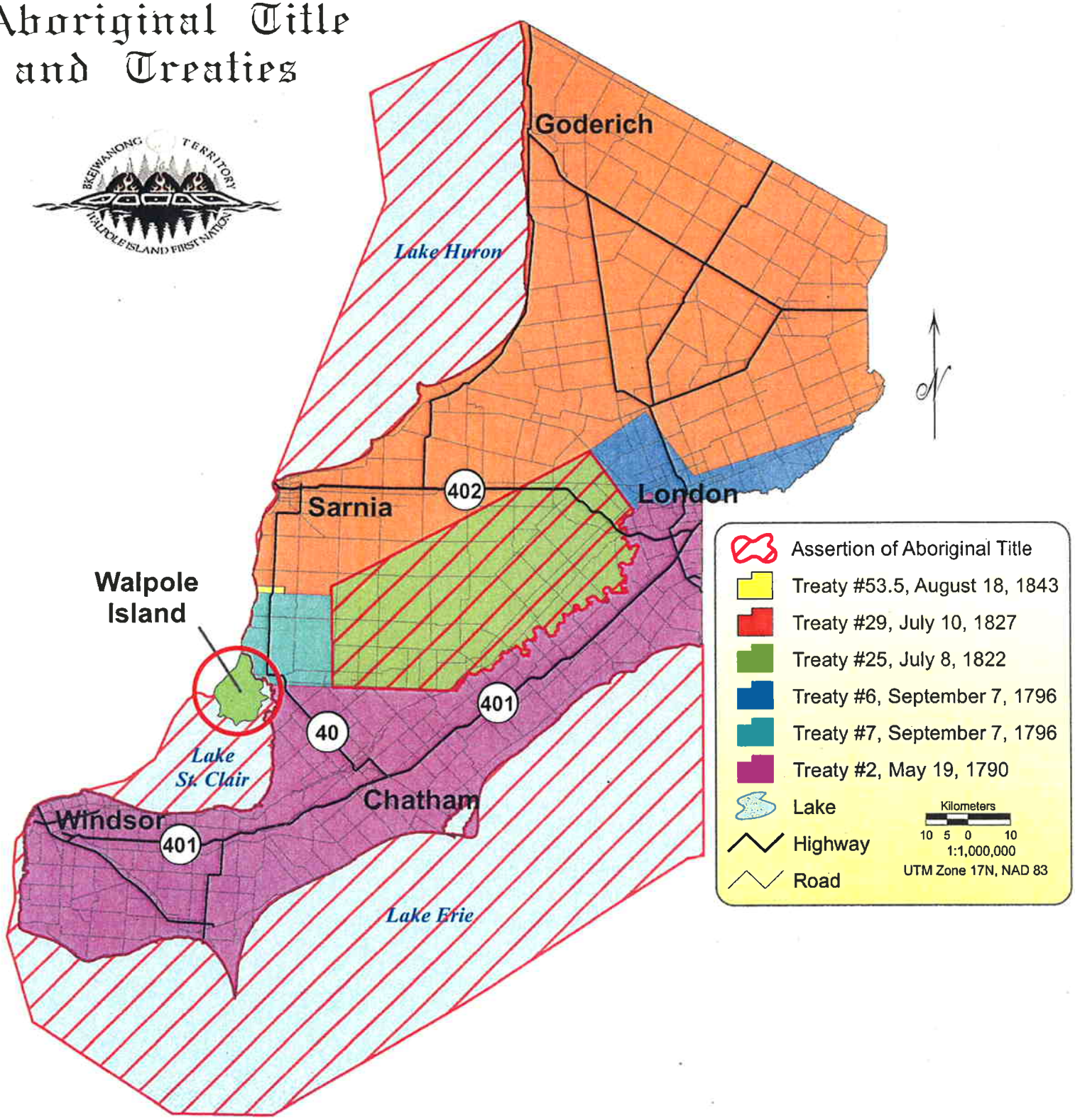
Appendix S is the draft agreement between the Crown and a proponent, to be called the "Crown Agreement" and, if needed, under which the proponent and the Crown are to discharge outstanding responsibilities in relation to Aboriginal consultation under a consultation plan.

Appendix T is a final draft of the document entitled "Consulting with First Nations and Métis Communities: Best Practices, Good Business", developed with advice from the First Nations Energy Alliance and the Métis Nation of Ontario. The Best Practices document is not meant to replace specific consultation approaches of individual First Nations or Métis communities. Rather it is designed to provide general advice to a proponent as to how to start an effective consultation in good faith.

Aboriginal Title



Aboriginal Title and Treaties



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Canada, H2Y 1V2

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Chief Joeseph Gilbert
Bkejwanong Territory
Walpole Island
RR# 3
Wallaceburg. ON
N8A 4K9

Dear Chief Gilbert,

15th September 2008

Subject: Invitation – "Creating Opportunities and Overcoming Obstacles for Access to our Traditional Territory"

We would like to thank you for your kind invitation to attend the above event, which we had hoped to attend. We understand this to be a constructive effort to expedite information to developers at one time. Unfortunately as a small team, based in Montreal, we are unable to travel to Walpole on this occasion.

We do however welcome the opportunity to provide you with information about our project, 'Adelaide Wind Farm' which is located in the vicinity of Adelaide village, (Middlesex County) and would be grateful if you could provide us with details of any post conference documentation, or conference summary that may be available for purchase.

We hope that the event is a success and that everyone benefits from this useful information exchange. Once again our apologies for being unable to attend on this occasion, but we would welcome any feedback or specific information requests that you may have. Equally we would be interested in finding a mutually convenient date to meet and discuss our project in more detail.

In the meantime I will arrange to have project information forwarded to you so that you have detailed knowledge of our proposed project. We consider detailed environmental screening to be an important part of the development process.

We will look forward to receiving any post conference documentation or feedback you may have and to meeting with you in the near future.

Yours sincerely,

Brett O'Connor
Operations Director

Oxford
Montreal
Belfast

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www.tcir.net

Chief – Joel Abram
Oneida Nation of the Thames
2212 Elm Avenue, Southwold, On
N0L 2G0

25th September 2008

Dear Chief Abram,

Re: Adelaide Wind Energy Project

As an important community leader, we would like to extend an opportunity for you to participate in the Environmental Screening Process for our proposed Adelaide Wind Farm Project.

TCI Renewables is an international wind energy development company with offices in UK, Ireland and Montreal. The company established an office in Montreal in 2006 under the name of Air Energy TCI (AET) in response to Canada's growing demand for clean and renewable electricity sources. AET originally identified two wind energy sites in Quebec and were successful in the recent Hydro-Quebec call for 2000 MW of wind energy. Building on this success AET is also hoping to win contracts in the Ontario Power Authorities RFP for 2000 MW of renewable energy which will be scheduled over the next few years.

As part of the development of a wind farm site a project proponent will undertake detailed environmental and social studies. Commercial scale wind farms are subject to the Environmental Screening Process for Electricity Projects as outlined in *Ontario Regulation 116/01* and the *Guide to Environmental Assessment Requirements for Electricity Projects (Ministry of the Environment, 2001)*. Generally, the Environmental Screening for the project involves identifying the proposed project, determining potential environmental effects, developing mitigation measures, engaging agencies, the public and First Nation and Métis communities, and preparing an Environmental Screening Report (ESR).

AET has identified a potential project in Adelaide area and is undertaking a detailed environmental screening process to determine the potential effects a project in this area might have. Your participation is a valued part of this process and AET would like to take this opportunity to introduce you to the project and request that if you have any comments or queries to please let us know. Our contact information is provided above.

tci renewables

We have included a project brief and some mapping so that you can identify the project and review it in context. We look forward to any input you might have in the Environmental Screening Process. If you require any additional information please do not hesitate to contact me directly.

Yours sincerely,

Brett O'Connor
Operations Director

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www.tcir.net

Chief - Albert Vaughan Snr.
Chippewas of the Thames
320 Chippewa Rd
Muncey, Ontario
N0L 1Y0

25th September 2008

Dear Chief Vaughan,

Re: Adelaide Wind Energy Project

As an important community leader, we would like to extend an opportunity for you to participate in the Environmental Screening Process for our proposed Adelaide Wind Farm Project.

TCI Renewables is an international wind energy development company with offices in UK, Ireland and Montreal. The company established an office in Montreal in 2006 under the name of Air Energy TCI (AET) in response to Canada's growing demand for clean and renewable electricity sources. AET originally identified two wind energy sites in Quebec and were successful in the recent Hydro-Quebec call for 2000 MW of wind energy. Building on this success AET is also hoping to win contracts in the Ontario Power Authorities RFP for 2000 MW of renewable energy which will be scheduled over the next few years.

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Yours sincerely,

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Operations Director

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Chief Thomas Bressette
Chippewas of kettle & Stony Point
53 Indian Line, RR# 2
Forest, Ontario
N0N 1J0

25th September 2008

Dear Chief Bressette,

Re: Adelaide Wind Energy Project

As an important community leader, we would like to extend an opportunity for you to participate in the Environmental Screening Process for our proposed Adelaide Wind Farm Project.

TCI Renewables is an international wind energy development company with offices in UK, Ireland and Montreal. The company established an office in Montreal in 2006 under the name of Air Energy TCI (AET) in response to Canada's growing demand for clean and renewable electricity sources. AET originally identified two wind energy sites in Quebec and were successful in the recent Hydro-Quebec call for 2000 MW of wind energy. Building on this success AET is also hoping to win contracts in the Ontario Power Authorities RFP for 2000 MW of renewable energy which will be scheduled over the next few years.

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Yours sincerely,

Brett O'Connor
Operations Director

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Chief Patrick Waddilove
Munsee-Delaware Nation
RR#1
Muncey, Ontario
N0L 1Y0

25th September 2008

Dear Chief Waddilove,

Re: Adelaide Wind Energy Project

As an important community leader, we would like to extend an opportunity for you to participate in the Environmental Screening Process for our proposed Adelaide Wind Farm Project.

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Brett O'Connor
Operations Director

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Chief Gregory Peters
Delaware Nation – Moravian of the Thames
14760 School House Line
RR# 3, Thamesville, ON
N0P 2K0

25th September 2008

Dear Chief Peters,

Re: Adelaide Wind Energy Project

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Yours sincerely,

Brett O'Connor
Operations Director

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C: 514-805-6474
www.tcir.net

Chief – Louise Hillier
Caldwell First Nation
10297 Talbot Road, Blenheim, ON
N0P 1A0

25th September 2008

Dear Chief Hillier,

Re: Adelaide Wind Energy Project

As an important community leader, we would like to extend an opportunity for you to participate in the Environmental Screening Process for our proposed Adelaide Wind Farm Project.

TCI Renewables is an international wind energy development company with offices in UK, Ireland and Montreal. The company established an office in Montreal in 2006 under the name of Air Energy TCI (AET) in response to Canada's growing demand for clean and renewable electricity sources. AET originally identified two wind energy sites in Quebec and were successful in the recent Hydro-Quebec call for 2000 MW of wind energy. Building on this success AET is also hoping to win contracts in the Ontario Power Authorities RFP for 2000 MW of renewable energy which will be scheduled over the next few years.

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tci renewables

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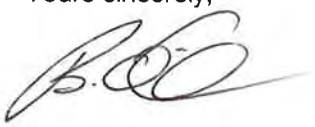
Yours sincerely,



Brett O'Connor
Operations Director

ADELAIDE WIND FARM

Project: 37 wind turbines (74MW)
Location: Adelaide-Metcalfe township, Ontario, Canada
Turbine: 1.8 – 2.3MW *(type to be determined)*
Dimensions: : Hub height 80-100m (262 – 328ft), blade length 45-50m (148 – 164ft), overall height 125-150m (410 – 492ft) *(maximum dimensions)*
Status: Pre-planning

Summary:
Air Energy TCI identified the site in 2007 and since then has been working closely with local municipality and planning officials to assess the area's suitability for wind farm development. The project will comprise up to 40 wind turbine generators and associated cabling, access tracks and transforming substation. The primary land use in this area is agricultural with fairly flat topography and limited wooded areas. The local landowners involved have been receptive to hosting a wind farm.

The planned wind turbines have a projected life expectancy of 25 years, generating electricity to be fed back into the electricity grid. Air Energy TCI have erected two meteorological masts in the site area. Interconnection requests for securing electrical transmission capacity for connection of the project to the existing transmission system is underway for the project.

Planning Application:
Air Energy TCI has published the notice of Environmental Screening for this project and is currently undertaking extensive environmental works in consultation with relevant stakeholders it is expected that this process would be complete early 2009. Working closely with the local municipality, community groups and planning authorities Air Energy TCI are confident of designing a project which would be well received by the local community

For further information contact:

Mark Gallagher (Development Manager)

mark.gallagher@tcir.net Toll Free: 1-888-842-1923

TCI Renewables

Sourcing natural, sustainable energy

Whether it's a brownfield development site for a single turbine delivering direct wind energy or a project to develop a large-scale, grid-connected wind farm, TCI Renewables has the in-house ability to undertake the full turn-key project from design to development to delivery.

TCI Renewables is an international renewable energy development company with strong shareholder support and an experienced team of over 20 industry professionals capable of delivering projects across its chosen markets in North America, the UK, and Ireland.

The company is focused on the identification, development and consenting of wind farm projects. In addition, we can provide project management services for the construction of wind turbine sites and their subsequent asset management.

The original TCI company was created in Australia in 1996 specifically to integrate technology with the built environment. This principle forms the basis of the company's unique service, which is offered to large blue chip and utility clients as well as SMEs and local property owners who are interested in entering into the global renewable energy sector.

Site Prospecting

- ✓ Wind speed appraisal
- ✓ Proximity studies
- ✓ Outline discussions with landowners
- ✓ Outline discussions with energy customer

Initial Site Assessment

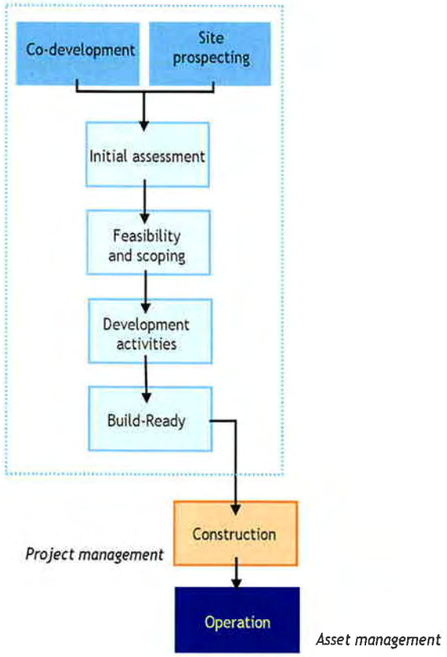
- ✓ Review of planning issues
- ✓ Financial assessment

Site Development

- ✓ Development budget
- ✓ Stakeholder consultations
- ✓ Land lease options
- ✓ Public consultations
- ✓ Met masts erected
- ✓ Wind data analysis
- ✓ Landscape and visual assessments
- ✓ Landowner and stakeholder agreements
- ✓ PPA agreed
- ✓ Financial model and CAPEX

Build Ready

- ✓ Site consent
- ✓ PPA obtained - utility projects
- ✓ Turbine procurement
- ✓ Grid offer
- ✓ BoP



All of TCI Renewables activity is undertaken within the ISO accreditations held in respect of 9001 (Quality Management), 14001 (Environmental Management) and 18001 (Occupational Health and Safety Management).

QUALITY, EXPERIENCE AND DEPENDABILITY

TCI Renewables brings together a team of experienced professionals from the renewable energy sector combined with a cross diversification of skills already existing within the TCI Group, most notably:

- ✓ Site selection, feasibility and acquisition
- ✓ Environmental planning
- ✓ Project management of multi site/disciplined construction projects involving the key essentials of grid connection, civil & electrical works and commissioning of technical apparatus
- ✓ Asset management

Our team has proven experience in selecting and progressing projects that satisfy the requirements of all subsequent stakeholders (i.e. investors, turbine suppliers and asset owners). The strategy of the business is to progress a diverse range of renewable energy development projects across several markets.

Sir Nicholas Stern
Source - IMF

"The scientific evidence is now overwhelming - climate change is a serious global threat and it demands an urgent global response."

The Stern Report

NORTH AMERICA

TCI renewables' Canadian subsidiary, Air Energie TCI Inc (AET), has been developing projects in Canada since August 2005. The company currently has growing pipeline projects across selected North American markets, all being run from the company's North American headquarters in Montreal.

UK - ANGLIAN WATER SERVICES

IN 2005 the company was awarded an exclusive contract by Anglian Water Services (AWS) to assess its entire land-bank and identify and develop potential sites. Anglian Water is by geography the UK's largest waste/water company supplying over four million customers. As of May 2007, TCIR has six sites totalling 60MW in development and has identified a further 12 - 15 potential sites that will help AWS meets its growing energy demands.

IRELAND - ANTRIM AREA HOSPITAL

TCI Renewables was engaged by the United Hospitals Trust to undertake detailed planning consent, civil engineering design, HV electrical alterations, turbine procurement, construction and commissioning. The turbine supports two-thirds of the hospital's base load and has gained iconic status being sited on one of Northern Ireland's busiest highways. In 2006 the project won the Sustainable Ireland Award for 'Best Use of Renewable Energy' prompting many other health trusts to follow suit.

wind: the basics

Clean, reliable, free

Unlike many other forms of energy, wind power is clean - it doesn't produce dangerous waste and doesn't contribute to global warming.

Wind power is nothing new: windmills have been used for thousands of years as a way of harnessing the wind and putting its energy to good use. A modern wind turbine is simply an improved windmill.

As a power source, wind is abundant, reliable and free. Its use has dramatically increased in recent years because of the fears of fossil fuel shortages, climate change and concerns over the safety of nuclear power.

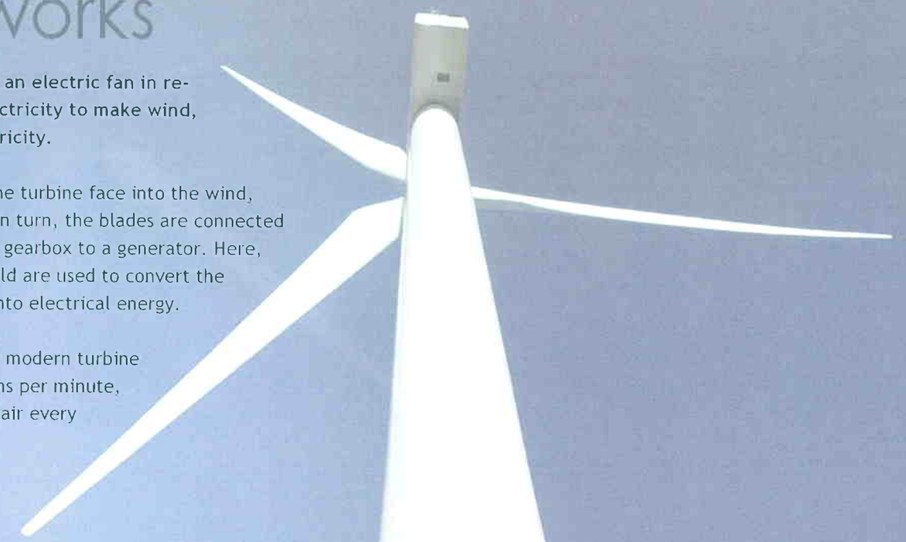
Objectors claim that turbines are a 'blot on the landscape'. Supporters would argue that they are graceful and futuristic. This is of course down to personal taste, however one thing that scientists agree on is that climate change is likely to alter the landscape more significantly than wind turbines.

how it works

A wind turbine is basically an electric fan in reverse: instead of using electricity to make wind, it uses wind to make electricity.

The blades on the side of the turbine face into the wind, which pushes them round. In turn, the blades are connected either directly or through a gearbox to a generator. Here, changes in the magnetic field are used to convert the massive rotational energy into electrical energy.

On average, the blades of a modern turbine turn at around 15 revolutions per minute, sweeping almost 50 tons of air every second.



diversification: the benefits

Diverse, effortless, sustainable

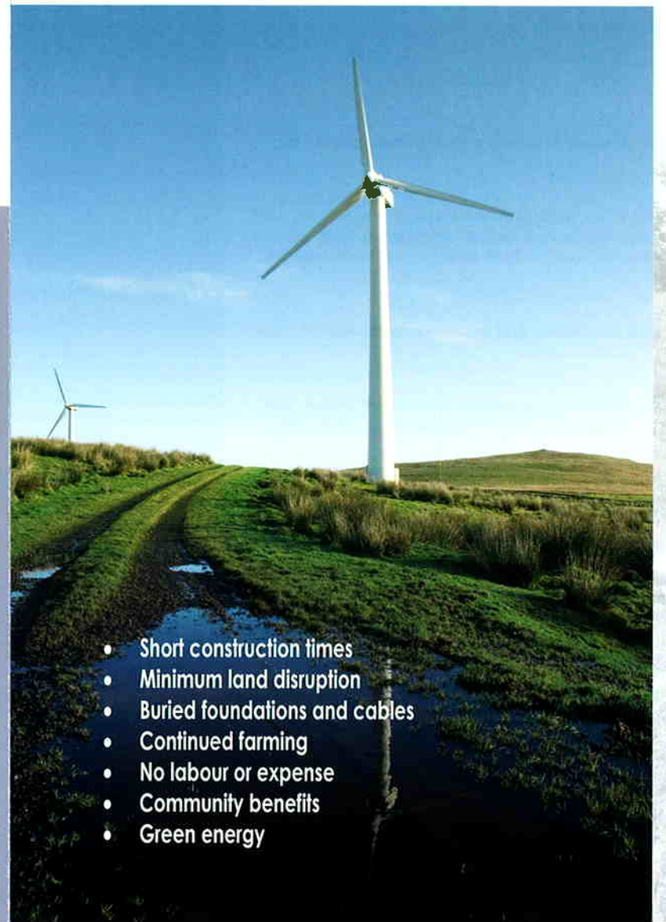
Working on the land has become increasingly difficult over recent years. But farmers and ranchers throughout Canada and the US are now realizing that they can use their land to harvest electricity from the wind.

A wind farm offers the opportunity to receive thousands of dollars annually with little or no effort from the landowner - and TCI Renewables will conduct the full development of the project.

We will completely prepare and carry through the permitting process, taking care of all aspects of the development, including environmental and technical studies and liasing with the local community and utility provider.

This opportunity to diversify can help sustain the rural way of life in Canada by offering a guaranteed supplementary income which might induce farmers and their families to stay on the land.

turbines and your land



Wind farms can easily co-exist with traditional livestock and agricultural farming practises. Once installed, a wind turbine has a very small footprint so crops can be planted and harvested and animals can graze undisturbed right up to the base of the towers.

Installation should take no more than around six months during which time access is required for construction and delivery vehicles. Once the turbines are in place, normal farming can resume.

A typical 80 metre turbine beside the 533m CNN Tower in Toronto

Each turbine base is only 26 feet across and at least 800 feet from the next turbine - this leaves a a lot of space in between, even with the stone access roads.

Concrete bases and connection cables are buried below ploughing depth and by running cables and roads along existing tracks and boundaries, the actual amount of disturbed land can be kept to as little as five per cent of the wind farm area.

It is not necessary to fence of the steel towers and the rotating blades have a clearance of well over 100 feet.

A modern turbine typically has a hub height of around 80 meters (260 ft) and a blade diameter of 82 meters (266 ft). That means the blade tip, at its highest point, will be at around 400 feet.

tci renewables

Overview Map

Adelaide
Wind Farm Project
Ontario

Legend

Adelaide Wind Farm

0 km 30.0 km

Scale 1:500,000 @ 11x17

Adelaide Project Location

Map Centre
43.047 -81.689
Lat/Long (NAD 83)

CA-ADE-B054 CG September 2008

TCI Renewables
381 Rue Notre-Dame Ouest, Suite 102
Montréal, QC, H2Y 1V2
T +1-514-842-1923, F +1-514-842-7904

mark.gallagher@tcir.net
C: 514-805-3243
www.tcir.net

Chief Joseph Gilbert
Bkejwanong Territory
Walpole Island
RR#3
Wallaceburg, ON
N8A 4K9

24th February 2009

Dear Chief Gilbert,

Re: Adelaide Wind Energy Project

Further to our letter dated 15th September 2008 and in the context of the results of RES III we would like to follow up with you regarding our proposed Adelaide wind farm project located in Middlesex County. Shortly after our last correspondence we were lead to believe that the Walpole Island First Nation Group were also a registered proponent under the RES III OPA procurement process and hence we concluded that the OPA rules prevented us from continuing a dialogue with you regarding our proposed project at that time.

We believe the Green Energy Act offers a great opportunity for the future, for all renewable projects and as such we are continuing to develop the Adelaide Wind Farm. As part of this development we are completing a detailed Environmental Screening Report and hope to have all of our initial studies completed by April 2009.

We would appreciate any feedback you might have regarding our proposed project and would welcome the opportunity to meet with you to discuss the project and your views in greater detail. Please find enclosed a detailed 'Project Description' for your review; should you require any additional information regarding the proposed Adelaide Wind Farm, please do not hesitate to contact us.

We look forward to hearing from you.

Yours sincerely,

Mark Gallagher
Development Manager

Montreal
Belfast
Oxford

TCI Renewables
Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief Gregory Peters
Delaware Nation – Moravian of the Thames
14760 School House Line
RR# 3, Thamesville, ON
N0P 2K0

23rd February 2009

Dear Chief Peters,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

We are in the final stages of compiling our Environmental Screening Report and if desired we would be happy to forward you a copy upon completion. In the meantime however I would welcome any feedback you might have on our proposal, so that it can be accounted for in our report. If there are any specific issues you would like to discuss, we would welcome an opportunity to meet with you and would propose meeting late March or early April, if this is suitable for you.

I have included a map of the project area for your review but if you require any additional details please do not hesitate to contact me. We have created a free phone number for your convenience; **1888-842-1923**

Yours sincerely,

Brett O'Connor
Operations Director

Montreal
Belfast
Oxford

TCI Renewables
Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief – Joel Abram
Oneida Nation of the Thames
2212 Elm Avenue, Southwold, On
N0L 2G0

23rd February 2009

Dear Chief Abram,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

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Yours sincerely,

Brett O'Connor
Operations Director

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Belfast
Oxford

TCI Renewables
Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief – Louise Hillier
Caldwell First Nation
10297 Talbot Road, Blenheim, ON
N0P 1A0

23rd February 2009

Dear Chief Hillier,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

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Yours sincerely,

Brett O'Connor
Operations Director

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Belfast
Oxford

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Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief Patrick Waddilove
Munsee-Delaware Nation
RR#1
Muncey, Ontario
N0L 1Y0

23rd February 2009

Dear Chief Waddilove,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

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Brett O'Connor
Operations Director

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Belfast
Oxford

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Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief Elizabeth Cloud
Chippewas of kettle & Stony Point
53 Indian Line, RR# 2
Forest, Ontario
N0N 1J0

23rd February 2009

Dear Chief Cloud,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

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Yours sincerely,

Brett O'Connor
Operations Director

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Belfast
Oxford

TCI Renewables
Suite 102
381 Rue Notre-Dame W
Montreal, QC
H2Y 1V2

T: 514-842-1923
F: 514-842-7904

Chief - Albert Vaughan Snr.
Chippewas of the Thames
320 Chippewa Rd
Muncey, Ontario
N0L 1Y0

23rd February 2009

Dear Chief Vaughan,

Re: Adelaide Wind Energy Project

I am writing as a follow-up to the information we sent on 25th September 2008 regarding our proposed wind farm project located in the Township of Adelaide Metcalfe, Middlesex County, Ontario. Unfortunately we were unsuccessful in the recent RES III (Renewable Energy Supply) RFP (Request For Proposals) announced by the Ontario Power authority in January. It is apparent however that green energy is consistent with the policies being laid out in Ontario and the introduction of the "Green Energy Act" gives us confidence in turning our project into a reality sometime in the future.

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Yours sincerely,

Brett O'Connor
Operations Director

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