



### Dear Neighbour,

I would like to take this opportunity to provide an update on the proposed Kingsbridge II Wind Power Project (the Project). Throughout 2010, our Project team has been actively planning and designing the Kingsbridge II Project. This newsletter will provide you with an update on the Project, answers to some of the questions we have received from the local community, and an update regarding the Renewable Energy Approvals (REA) process for the Project that began in early 2010.

Over the upcoming months, we will be working with our leaseholders and the local community to continue our consultations, environmental and cultural heritage studies and our Project planning and development work.

As always, we welcome and appreciate your feedback regarding the Kingsbridge II Project. Please contact us at [kingsbridge@capitalpower.com](mailto:kingsbridge@capitalpower.com) or 519.524.2760.

Best Regards,



Glenn Hubbers, P.Eng.  
Project Manager, Kingsbridge II Wind Power Project

### Why Wind Energy?

The Provincial Government has committed to eliminating coal-fired power generation in Ontario by 2014. Ontario plans to achieve this target through the province's Green Energy and Green Economy Act, 2009 (GEA). The GEA will help ensure that renewable energy initiatives, such as wind projects are efficiently developed. The GEA will expedite the growth of clean, renewable sources of energy, like wind, solar, hydro, biomass and biogas to help Ontario become North America's leader in renewable energy all while reducing the province's reliance on coal-fired generation facilities. The Feed-in Tariff (FIT) Program was initiated by the GEA and provides proponents with long term contracts from the Ontario Power Authority (OPA) for energy generated from renewable sources. More information can be found on the Ministry of the Environment website at <http://www.ene.gov.on.ca/en/business/greenenergy/>.

### Capital Power Selects Turbines for Kingsbridge II

Capital Power has selected Vestas to supply and maintain wind turbines for the proposed Project. If developed, the Kingsbridge II Project would use Vestas V90 1.8 megawatt (MW) turbines. Vestas has supplied over 11,000 wind turbines to wind farms across North America, including to Capital Power's Kingsbridge I Wind Power operation

## Spreading Green Throughout the Community

April marks Earth Month celebrations around the world. More than 6 million Canadians participate in Earth month activities each year\*.

Capital Power's Kingsbridge Team will commemorate Earth Month by offering ACW residents the opportunity to receive a **free 7 foot maple tree**.

Capital Power has ordered 100 Native Red Maple and Silver Maple trees through the Maitland Valley Conservation Authority's Roadside/Windbreak Planting Program to continue our green efforts within the community and help spread the benefits of wind power.

**All you need to do, as our neighbour, is share your thoughts about the theme of "Green in the Community," whether on trees, the environment, renewable energy, reusing or recycling.**

**Please forward your name, contact information and provide no more than 100 words on "Green in the Community" to [kingsbridge@capitalpower.com](mailto:kingsbridge@capitalpower.com) or Capital Power, 46 Victoria Street North, Goderich, Ontario, N7A 2R6.**

Your ideas may be used in future Capital Power publications including community updates and communications.

Please note, supplies are limited and trees will be offered on a first come, first served basis. **Please provide the required information to our Project team by April 15, 2011.** There is a one tree per organization/family limit. More information about tree pick-up times and locations will be provided at a later date.



\*Source: [www.earthday.ca](http://www.earthday.ca)

## Local Students Learn About Wind Energy

Capital Power had the opportunity to provide students from across Huron County with a tour of the Kingsbridge I Wind operation. The tour, initiated by the Huron Manufacturing Association, helped to educate secondary students about the employment opportunities available within the Huron manufacturing sector.



## Community Sponsorship

Capital Power is a proud member of the local community. Throughout the past year Capital Power was pleased to sponsor the following local organizations and events:

- Town of Goderich Children's Festival
- Lucknow & District Kinsmen Club's Dungannon Super Pull
- Lucknow & District Kinsmen Club's Music in the Fields
- Lucknow Agricultural Society's Fall Fair
- Goderich Lions Club Taste of Goderich
- Goderich Kinsmen Club's Annual TV Auction
- Goderich Junior "C" Sailors
- Goderich & District Chamber of Commerce's Spirit of Success Awards



Local community members enjoy the performers at "Music in the Fields" in Lucknow.

Photo Source: The Lucknow & District Kinsmen Club.

## Your Questions Answered

### When will a Project layout be released?

Recently, we have had some changes in our Project plans relating to delays in the process for evaluating projects as well as environmental reports. At this time, the Project team is working to establish a proposed layout for the Project. The Project layout is determined by a variety of factors such as lease agreements, turbine and equipment selection, long term wind data for the area, topographic considerations, regulatory setback distances, results from cultural heritage, environmental and water studies, and extensive consultation with local community members, area residents, and landowners.

Community members will have an opportunity to review a proposed layout when the Draft Project Reports are made available for public review and input. This will be at least 60 days prior to the date of our final public open house for the proposed Project. Notices of the final open house, and the locations where the Draft Project Reports and the Project layout will be made available for public review, will appear in local newspapers and on our Project website at [www.capitalpower.com/kingsbridge](http://www.capitalpower.com/kingsbridge).

### When do you expect to hear from the government regarding a FIT contract for the Project?

Access to transmission capacity in the Huron and Bruce region is a matter that must be resolved before further FIT contracts are offered in this area. The Ontario Power Authority (OPA) is currently looking at this situation through a process called the Economic Connection Test (ECT). We understand the ECT review has started and results are expected to be released later this year. Specific details regarding the OPA and their timing can be found at [www.fit.powerauthority.on.ca](http://www.fit.powerauthority.on.ca).

### When will you be further consulting with the public?

Capital Power has been consulting the public regarding the Project, under the current REA process, since February 2010. A Project website, telephone number and e-mail address are available for community members to contact our Project team. We anticipate holding the final open house in the latter half of 2011.

### Setbacks

The Ontario Ministry of the Environment Regulation 359/09 outlines the requirements for assessing setback distances from residences, roads and property lines. The government's current requirements are for wind turbines to be a minimum setback of 550 metres from non-participating landowners' homes. This setback is intended to ensure that sound levels

generated by the Project do not exceed 40 dBA at these homes. Medium to large wind projects are required to complete further assessments for sound that consider the cumulative noise of the project to ensure that the 40 dBA is met, which often leads to an increased setback. This level is the sound one would hear in a quiet office or a common bedroom. Additional information on setback distances can be found on the Ministry of the Environment website at [http://www.ene.gov.on.ca/en/business/green-energy/docs/REP\\_Guide.pdf](http://www.ene.gov.on.ca/en/business/green-energy/docs/REP_Guide.pdf).

### Health

Various government medical agencies (e.g. Chief Medical Officer of Health of Ontario, Australian National Health and Medical Research Council (AHMRC), Chatham-Kent Public Health Unit (PHU)) have reached the conclusion regarding wind turbines and health that there does not appear to be a direct link to impact on human health, however there may be annoyance aspect for some people. These assessments are based on a review of peer-reviewed scientific papers prepared by world experts. In July 2010, the AHMRC stated "...there is no published scientific evidence to support adverse effects of wind turbines on health." In 2008, the Chatham-Kent PHU stated "Wind power has been in use around the world for decades with very little human impact." To view this information online, please visit [www.canwea.ca/wind-energy/talkingaboutwind\\_e.php](http://www.canwea.ca/wind-energy/talkingaboutwind_e.php).

### Wind Turbine Efficiency

Capital Power completed due diligence for the proposed Project which indicated the winds off of Lake Huron offer a significant wind resource in the area where the Project is being proposed. Overall, southwestern Ontario generally experiences stronger and more frequent winds favourable for wind energy production between fall and spring months. The turbines at the Project would be designed and programmed to monitor wind speed and direction to maximize the efficiency of each turbine and capture as much of the available wind energy as possible.



As part of the REA process, numerous studies are being completed to assess the local environment.

## Community Benefits

If developed, the Project would bring positive community benefits in the form of jobs, municipal taxation, tourism and increased revenue to local farmers and businesses. The Project would create significant economic stimulus and employment opportunities while it is being constructed and would provide longer term employment opportunities once the Project was in operation.

Although still in the planning stages, it is anticipated that once in operation, up to approximately 20 to 25 full-time jobs would be created in Ontario as a result of the Project. It is also expected up to approximately 350 person years of direct labour would be generated over the construction period for the Project. Operations of the Project would also result in indirect and induced employment, the majority of which is anticipated to be filled by local businesses.

Indirect employment is considered jobs and income in other businesses/industries in the community that would supply inputs to the Project and Project employees. Induced employment would include jobs and income changes occurring in other businesses/industries in the community from spending activities of directly and indirectly employed individuals.

Where possible, local hiring would be maximized during Project operations, providing work for qualified tradespersons and labourers. Trades that could be required and provided locally include pipefitters, electricians, ironworkers, millwrights and carpenters.



## About Capital Power

Capital Power (CPX:TSX) is a growth-oriented North American independent power producer that develops, acquires, and operates power generation from a diverse range of energy sources. We aim to be one of North America's most respected, reliable, and competitive power generators. Capital Power has interests in 32 facilities across North America, with nearly 3,800 megawatts (MWs) of owned or operated power generation capacity, 371 MWs of capacity owned through Power Purchase Arrangements (PPAs), and 495 MWs of owned capacity under construction. Headquartered in Edmonton, Alberta, Canada, Capital Power's corporate strategy seeks to balance a strong financial position with targeted growth.



## KINGSBRIDGE CONTACT INFORMATION

Your feedback about the Project is important and Capital Power values your input. We invite you to please call, e-mail or visit us with your comments or questions.

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