



### Wind power is one of the fastest growing sources of electricity generation in the world.

Suncor is committed to increasing renewable energy generation in Canada and building first-class wind energy projects.

Suncor is proud of the role it plays in the renewable energy business in Canada. We currently have six wind operations and are developing our Adelaide and Cedar Point projects in Ontario — with additional projects in various stages of development.

Investing in wind power aligns with Suncor's mission to create energy for a better world. Here's why:

- Wind power delivers clean, efficient and infinitely renewable power.
- Suncor's six operating wind energy facilities can generate 255 megawatts, enough to power about 100,000 Canadian homes. Cedar Point, if approved, will have the capacity to generate an additional 100 megawatts.
- Our current wind projects avoid approximately 500,000 tonnes of carbon dioxide emissions each year. Cedar Point, if approved, will assist Suncor in avoiding additional carbon dioxide emissions.

## Cedar Point: Designing a better project

Suncor's Cedar Point Wind Power Project has been under development since 2005. The Ontario Power Authority awarded the project a power purchase contract in July 2011.

The proposed project will consist of up to 46 wind turbines, with a total maximum capacity of 100 megawatts. Located about 40 kilometres northeast of Sarnia, Ontario, the project will also include meteorological towers, an electrical collection system, a substation, a transmission line, turbine access roads and temporary construction facilities.

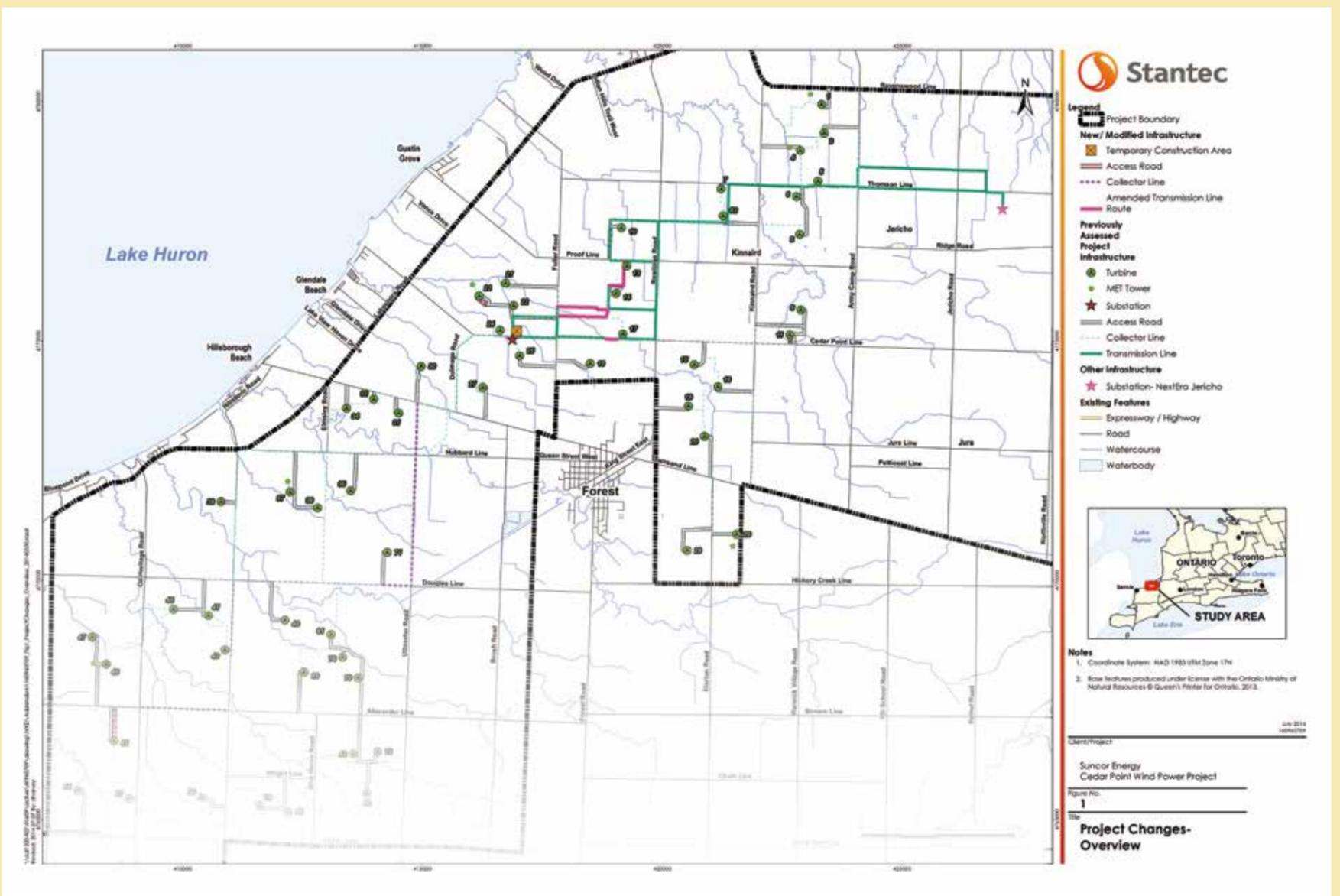
On May 30, 2014, Suncor notified the community about some revisions to the project design plans that were originally filed with the Ministry of the Environment (MOE). These changes, described in more detail below, reduce the potential environmental effects and result in a better project. For instance:

- **Reduced sound levels** near the project substation result from a change from two transformers to one unit.

- **Rerouting the transmission line** avoids a recently identified Provincially Significant Wetland complex, averting the removal of about 2.38 hectares of significant woodland.
- **Better integration with existing farmland** results from shifting the access roads and collector lines on three participating properties.

The MOE has determined that, based on current information, the changes do not have the potential to result in increased or substantial environmental effects. Suncor's view is that the changes result in reduced impacts and are a positive change to our environmental footprint on this project.

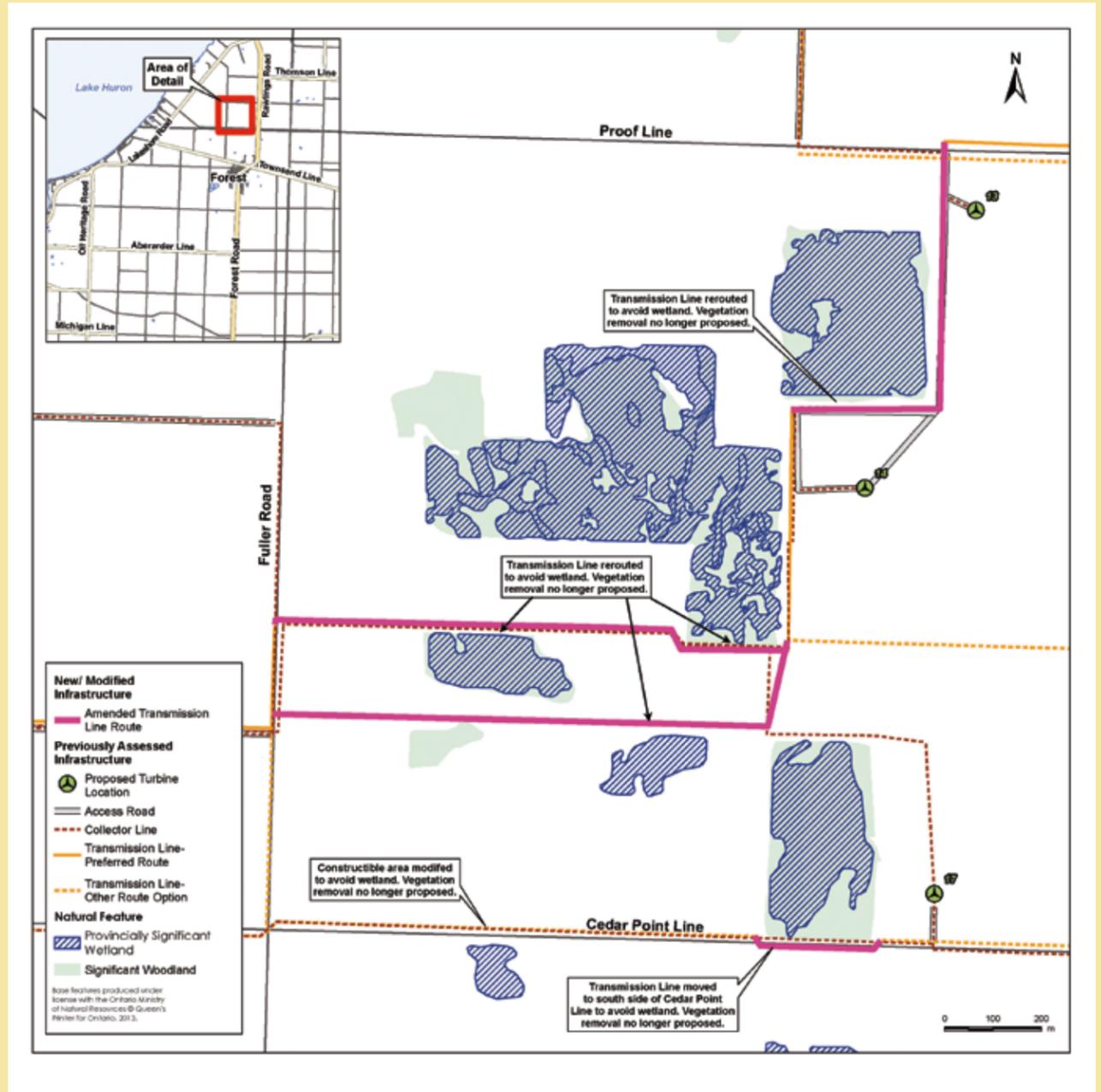
Proposed Cedar Point Wind Power Project area



# What's changed?

- We've made updates to the **Noise Assessment Report** to reflect our expectation that sound levels at receptors will be at or below the previously predicted levels. This is as a result of changing our design from two substation transformers to one. Note that this change occurs within the project substation and does not affect the sound produced by the wind turbines themselves. The updated report also responds to MOE comments regarding cumulative noise with neighbouring wind projects made during the technical review of the report.
- We've shifted the **routing of the transmission line** on private property in the northeast section of the project near Fuller Road and Proof Line (inset area) to avoid a recently identified Provincially Significant Wetland complex. The change ensures no direct effect on the wetland and reduces the area of woodland that was to be removed for the transmission line by about 2.38 hectares.
- We've made a small shift in the **location of the overhead transmission line** at the northwest corner of Proof Line and Rawlings Road. The shift moves the transmission line about two metres off the municipal road right-of-way, maintaining the road allowance for future municipal use.
- We've added **underground collector lines** that are entirely within the road right-of-way, in two places: (greater detail found on map on page 1) along Douglas Line and Uttoxeter Road, from Turbine 71 to Townsend Line; and along Aberarder Line between Oil Heritage Road and Hillsboro Road.

## Modified infrastructure for Cedar Point Wind Power Project



The addition provides greater flexibility for connecting turbines with the substation.

- We've created a **temporary staging area** (not shown on map) on private property beside Cedar Point Line near the intersection with Fuller Road. This allows us to have a central delivery address and improve logistics for construction.

- We've adjusted the **access road and corresponding underground collector line routes** on three private parcels to address requests made by the landowners. This moves the roads further from woodland areas or farmland.

Suncor notified the public of these revised plans through notices in local papers and posting on our project website. You can download the full report, called *Suncor Energy Cedar Point Wind Project – Renewable Energy Approval Amendment Modification Report*, from [www.suncor.com/cedarpointwind](http://www.suncor.com/cedarpointwind). The first five pages of the report provide a summary of these changes.

## Our apologies

Thank you to all who pointed out an incorrect header in the appendices of the Modification Report when initially posted. The error did not reflect the care and attention we take regarding the content of the document or in the development of this project. We understand that seeing reference to "Amherst Island" may have confused community members and we apologize for that. The error has been corrected and all the technical information in the report does relate to the Cedar Point project. The corrected report is available from [www.suncor.com/cedarpointwind](http://www.suncor.com/cedarpointwind).

## For more information

More details about Suncor's Cedar Point Wind Power Project – including display boards, comments from public meetings and our responses – can be found online at [www.suncor.com/cedarpointwind](http://www.suncor.com/cedarpointwind). If you have specific questions about the project, please send them to us at [CedarPoint@suncor.com](mailto:CedarPoint@suncor.com) and we will respond, or you may also call 1-866-344-0178.



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