



### KENT HILLS 3: KENT HILLS WIND FARM EXPANSION PHASE 3

#### Conclusion

meet the requirements of Transport Canada. To date there have been no recorded complaints regarding the visibility of turbines of the existing wind farm.

The facility is expected to have a lifetime of at least 25 years. Necessary maintenance will be limited, requiring on-site inspection by existing TransAlta Wind staff on a quarterly basis for the first year and annually in subsequent years.

The Project will be entirely on forested land. The expanded wind farm will have a relatively small footprint on the landscape, using less than 2% of the 61 km<sup>2</sup> of the WFSA. Wind farm development will not impair existing forestry operations, or recreational activities.

Mitigation measures have been proposed for the Project to reduce or eliminate adverse effects. Any residual adverse environmental effects are not likely to be significant. This conclusion, is based, in part, on the environmental record of the construction and operation of the two previous phases of the Kent Hills Wind Farm.

The expanded wind farm will provide additional economic benefit to the province and construction contractors. The positive effects of the Kent Hills 3 Wind Project through displacement of burning fossil fuel are expected to be incremental, with an expected avoidance of greenhouse gas emissions likely to be in the order of 30,000 tonnes of carbon dioxide annually, as well as tonnes of sulphur dioxide and nitrogen oxide.