

**Suncor Energy Adelaide Wind Power Project
March 20, 2012 Public Meeting Comment Response Table**

Suncor received a total of five written comments from the March 20, 2012 Public Meeting for the Suncor Energy Adelaide Wind Project (the Project). The following table provides an example of some of the face to face discussions from the open house. Responses to these questions are being provided based on the status of the Project at the time of the release of this document (October 2012).

Theme	Comment	Response
Health	Concern with health effects from the wind turbines (i.e., the turbines will affect sleep patterns; the turbines will increase migraines).	<p>In “The Potential Health Impact of Wind Turbines” (May 2010), Ontario’s Chief Medical Officer of Health examined the scientific literature, including studies from Europe, related to wind turbines and public health, considering potential effects, such as dizziness, headaches, and sleep disturbance.</p> <p>The report concluded that: <i>“...the scientific evidence available to date does not demonstrate a direct causal link between wind turbine noise and adverse health effects. The sound level from wind turbines at common residential setbacks is not sufficient to cause hearing impairment or other direct health effects, although some people may find it annoying”.</i></p> <p>The report also concluded that low frequency sound and infrasound from current generation upwind model turbines are well below the pressure sound levels at which known health effects occur. Further, there is no scientific evidence to date that vibration from low frequency wind turbine noise causes adverse health effects.</p> <p>Health Canada, in collaboration with Statistics Canada, recently announced that it will conduct a research study to explore the relationship between wind turbine noise and health effects reported by, and objectively measured in,</p>

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		<p>people living near wind power developments. Suncor is supportive of additional peer reviewed scientific studies on the topic. Suncor is committed to improving our best practices of wind power project design and operation as these studies draw conclusions on the topic.</p>
	<p>We have special needs kids that will live around these projects and their quality of life as well as ours will be affected.</p>	<p>Suncor is committed to working with all stakeholder groups to minimize the impacts of our activities. We make the best decisions we can with the information available and are constantly monitoring scientific and technological research to support our operations.</p> <p>We are committed to identifying any unique situations with each of our stakeholders. Please contact us directly so we can discuss and address your particular situation.</p>
	<p>Can Suncor and/or landowners be sued by neighbours for any health issues that may develop from an adjacent turbine.</p>	<p>Suncor takes full responsibility for the impact of our operations, including in the event there is legal action regarding our wind power projects.</p>
<p>Property Values</p>	<p>This project will cause a loss in property values. Inquiring about compensation for property value loss if this project proceeds.</p>	<p>We have heard from a number of people in this community that their property values are very important to them and they don't want the value of their homes and quality of their lives to be impacted by this project.</p> <p>There are conflicting views on the effects of wind power projects on property value.</p> <p>We are not aware of any studies that have shown decreases in property values. However, we are aware of the following three studies.</p> <p>Two recent studies conducted in southern Ontario</p>

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		<p>(Municipality of Chatham-Kent (2010) and Township of Melancthon, Township of East Luther Grand Valley and County of Dufferin (2006)) both indicate that there was no decrease in the property value due to the construction of wind power projects in the area.</p> <p>In addition, REMAX Market Trends Farm Edition 2011, indicated significant increases in the price of farmland from 2010 values across Ontario. The report also mentioned that additional sources of income from solar panels, windmills and gas leases can potentially net the average farm additional income above and beyond crop value on their land, which in part, has contributed to increases in farmland prices.</p> <p>We will continue to track any new studies that emerge.</p>
	<p>Will landowners be compensated for their loss of crop land from the hydro poles or buried cables?</p>	<p>The Project is being designed to minimize effects on farm activities. Normal farming practices will continue adjacent to the project infrastructure.</p> <p>The underground electrical collection system that is required will be at a depth that will not affect ploughing, tilling or planting. Landowners with infrastructure on their land such as hydro poles or buried cables are being financially compensated for the lease of those lands.</p>
<p>Location</p>	<p>Concerned with the location of Turbine 1. Does not accept the turbine location on Con 3 NER Lot 16 west half, which is the back portion of farmer's yards. Requested to re-consider the location of this turbine.</p>	<p>Suncor has proposed up to 28 turbine locations as documented within the Draft REA Reports. The final number of turbines will be dependent upon selection of make and model of the wind turbine most appropriate for the proposed Project. In the event that not all 28 proposed turbine locations are required, the final selection of the</p>

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		<p>turbine sites will be based on the results of consultation activities, potential effects assessments, and detailed design / engineering work. The final selection of turbine positions will be completed prior to submitting the REA application to the Ministry of the Environment (MOE).</p>
	<p>Feel strongly that the wires/cables should be on the same side of the road as the wind turbines. Identified concern over the placement of the hydro wires or buried cable running along Cuddy Drive from Wilson Side Road to Kerwood Road. Noted the hydro lines should be on the south side of Cuddy Drive as three of the proposed wind turbines are located on the south side.</p>	<p>Utility pole and buried cable locations within road rights-of-way have not yet been confirmed and will be determined during detailed design prior to construction.</p> <p>It is Suncor's preference to bury the cables within the road rights-of-way where physically possible; however Suncor is working with the municipality on the design and grant of access to the right of way.</p> <p>The routing and placement of the collector lines will be dependent upon several factors including but not limited to environmental constraints, other existing utilities within the rights-of-way, municipal considerations, and public consultation.</p>
<p>Natural Environment</p>	<p>Turbines will result in bird mortality.</p>	<p>As with all structures, there are encounters with birds. The Project is subject to bird mortality thresholds that have been developed by the Ministry of Natural Resources (MNR) to ensure the protection of population levels. Studies have been completed to document baseline environmental conditions including information related to migratory birds. Results are included in the Natural Heritage Assessment.</p> <p>If mortality exceeds the thresholds set out by the MNR, additional mitigation and contingency measures are</p>

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	<p>The Project will affect the way of life for the wildlife.</p>	<p>required to be implemented.</p> <p>As with any development, there will be some impact on wildlife.</p> <p>Stantec Consulting Ltd., an independent third party, has evaluated the potential environmental effects of the Project including potential effects to wildlife. These studies have been completed in accordance with Ministry of Natural Resources and Ministry of the Environment guidelines.</p> <p>In addition to identifying potential effects, Suncor has also proposed several mitigation and contingency measures to minimize and/or eliminate potential effects (see the Project Description Report at www.suncor.com under 'Wind Power/Suncor EnergyAdelaideWindPowerProject')</p>
Proponent	<p>It was 'sneaky,' of Suncor to meet with landowners and sign leases before they had meetings with the general public.</p>	<p>Landowner meetings related to a project are held for a variety of reasons, and Suncor is required to have a specific number of land leases signed prior to identifying a wind power project.</p> <p>Conducting its business according to the highest ethical standards is one of Suncor's core values. All employees are required to annually confirm their adherence to the company's Standards of Business Conduct.</p> <p>The landowners with Suncor's projects are considered valued stakeholders in our projects, and we hold their business acumen in the utmost regard.</p>
Cost	<p>The Project will create high hydro costs.</p>	<p>Hydro costs are increasing for Ontarians for a variety of</p>

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		<p>reasons including global adjustment, payment for stranded debt and the building of new power plants to meet the increasing demand for electricity and to replace aging power plants.</p> <p>The Global Adjustment charge is principally the share of the difference between regulated and contract prices for electricity paid to certain generators and the market prices they would have received had they not been subject to regulation or contracts. It can be a charge or a credit.</p> <p>The Independent System Operator's website identifies that Global Adjustment is determined from the following:</p> <ul style="list-style-type: none"> • Contracts for generators including non-utility generators (NUG) administered by the Ontario Electricity Financial Corporation, • Ontario Power Generation's nuclear and baseload hydroelectric generation, • Ontario Power Authority contracts with generators and suppliers of conservation services. <p>Suncor has no control over the global adjustment administered by the Independent Electrical System Operator. We do recognize, however, that this charge has resulted in increases in overall energy costs for all consumers, small and large, industrial and residential.</p>
Opposition	Don't want turbines in local area.	Stakeholder consultation is a significant component of any project. As part of our consultation process, Suncor seeks feedback from the community and will incorporate this feedback into the Project design where appropriate. The intent of the Public Meetings is to provide a summary of

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		<p>the findings of the Draft Project Description Report (PDR); ask for input from stakeholders, and address any questions or concerns related to the report or the Project in general.</p> <p>Suncor will continue to consult with stakeholders regarding the Project over the course of the Renewable Energy Approval (REA) process and will document this information as part of our submission to the Ministry of the Environment.</p>