

Wind Energy: Sustainable Environment, Sustainable Communities

A Commitment to Responsible Wind Energy Development

February 3, 2017

A new joint initiative – *Wind Energy: Sustainable Communities, Sustainable Environment* – between the Pembina Institute and Capital Power will generate ideas for strengthening the environmental, social, financial and technical elements that contribute to responsible wind development with community support.

Stakeholder and Expert Engagement

Through a workshop in late spring 2017, the initiative will engage community and policy leaders to explore recent lessons from Alberta and other jurisdictions in wind energy development, and identify resources, information and best practices that can benefit Albertans and community decision makers. Hosted by Pembina and Capital Power, participation in the workshop is by invitation. By mid-2017, a report produced following the workshop capture participant ideas about securing community support for responsible wind energy development.

Background

Wind Energy: Sustainable Communities, Sustainable Environment coincides with the Government of Alberta's commitment to achieve 30% of its electricity generation from renewable sources by 2030, including the addition of 5,000 megawatts of new utility scale renewable energy capacity.

The Alberta Electric System Operator (AESO) has received numerous proposals for new wind energy projects totaling a generation capacity of over 8,000 MW. These proposed projects are in anticipation of the Alberta government's forthcoming procurement process, the first component of which was announced in November 2016.

The Opportunity

Both Pembina and Capital Power believe that the growth of renewables and achieving provincial climate change objectives is best accomplished with responsible development that has a high degree of social and community acceptance. By identifying, and acting on, the

lessons learned in other jurisdictions, we believe that developers, government, regulators and communities can contribute to a successful renewables development process.

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