

For more information about TransAlta or the Garden Plain Wind Project, please visit:

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Garden Plain Wind Project

Project Overview
April 2017

Introduction

TransAlta has maintained partnerships with landowners at our Garden Plain Wind Project site since 2011. Recognizing the many positive attributes that this site holds from its desirable wind resource, environmental suitability, and proximity to transmission, TransAlta is proposing to advance the development of the Garden Plain Wind Project. This project information package will provide you with an overview of the proposed project, the Alberta Government's competitive bid process for renewable energy, a brief overview of TransAlta's wind experience, a map of the proposed Project site and next steps in TransAlta's development plans.

About the Project

The Garden Plain wind project is located 30 km north of Hanna, Alberta on approximately 10,000 acres of privately owned land in Paintearth County and Special Areas No. 2. Once the project is built, the lands will continue to be used for grazing and other agricultural purposes as the wind turbines take up a relatively small footprint on the land.

The proposed project site has the capacity to host up to a 130 megawatt (MW) wind farm.

Quick Facts

Location	30 km north of Hanna
Project Size	up to 130 MW
Project Total Acres	10,000 acres (approximate)
In-Service Date	December 1, 2019
Life of Project	20+ years

Did You Know?

Wind energy developments pay significant economic dividends. 150 MW of new capacity represents:

- \$316 million in investment
- 140 full-time equivalent jobs during construction
- 10 permanent jobs during operations



Project Update

Apr. 2009 - Current - Collection of wind speed and wind pattern data

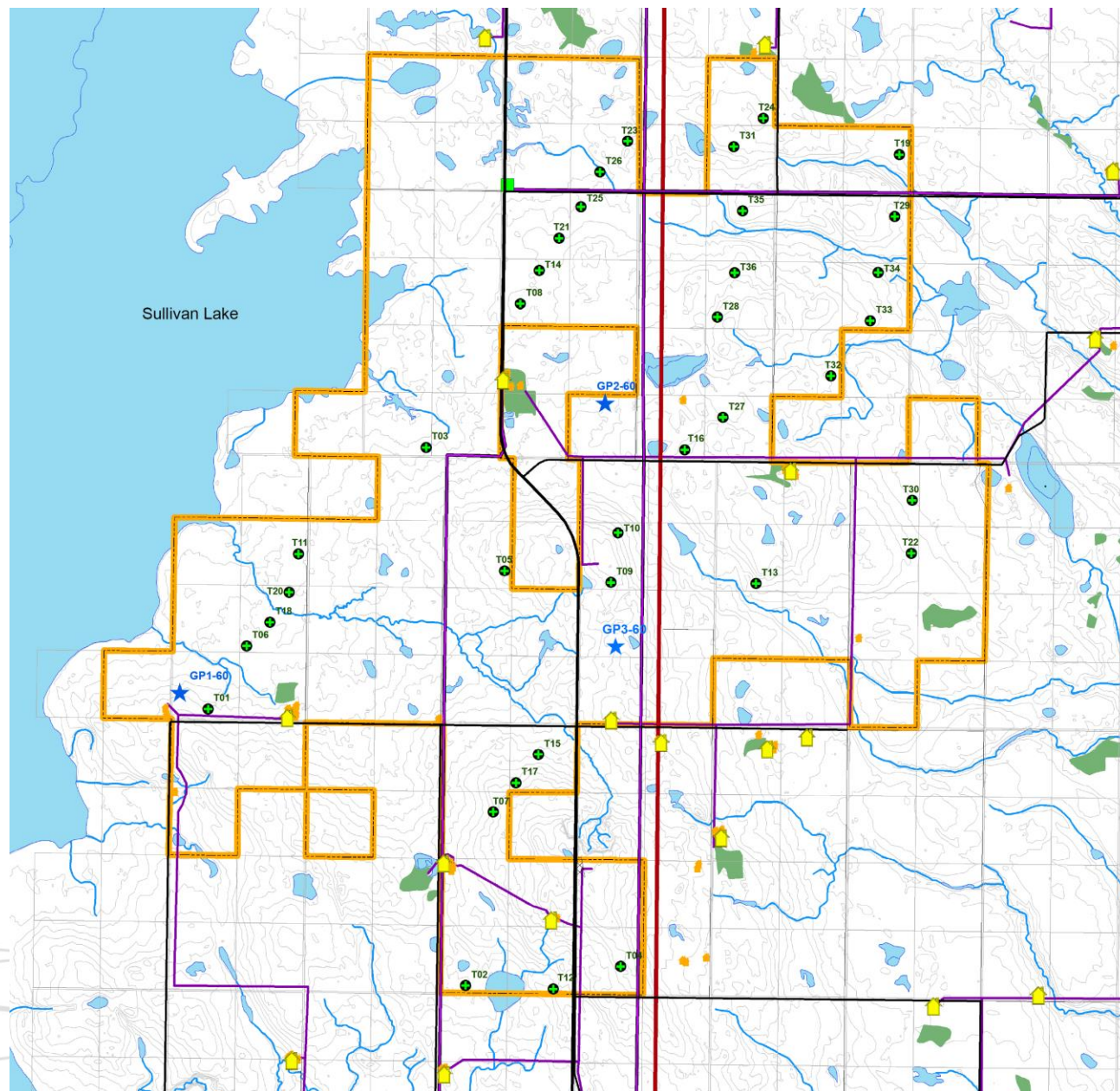
Jan. 2016 - Initiated baseline environmental studies

Mar.-Apr. 2016 - Initial desktop studies to identify setbacks from residences, environmental features and other site constraints

Dec 2016 - Submitted project into the AESO grid connection process for evaluation

2017 - Actively developing all aspects of the project in preparation for the AB competitive bid process

Proposed Project Site



Who We Are - A Leader in Clean Energy

TransAlta is one of Canada's leading generators of wind energy and brings more than 100 years of experience working in the renewable electricity sector throughout Canada, the United States and Australia. TransAlta has over 8,700 MW of net capacity in operation which is comprised of a diverse mix of fuel types including, wind, solar, hydro, natural gas and coal.

We currently own/operate over 1,417 MW of wind power and are one of Canada's most experienced builders, owners and operators of wind energy facilities with 21 operating wind farms, including 907 wind turbines. TransAlta was the first large-scale utility company to invest in Canadian wind energy, including the first commercial wind project built in Canada.

Alberta's Renewable Energy Future

There have been significant changes on the energy front over the past two years. With the introduction of the Government's new Climate Leadership Plan, we now have a clear picture of Alberta's energy future. Some of the key aspects of the plan which affect residents and power producers include:

- Implementing new carbon pricing on greenhouse gas emissions;
- Phasing out coal-fired electricity generation by 2030;
- Introducing the *Renewable Electricity Program* to add renewable electricity capacity;
- Capping oil sands emissions to 100 mega-tonnes per year; and
- Reducing methane emissions by 45% by 2025

The *Renewable Electricity Program* (REP) will add 5,000 MW of renewable electricity capacity by 2030 through a series of competitive bid processes. The first-round competition, which was launched on March 24, 2017, will see proponents bid to provide up to 400 MW of renewable electricity.

The timeline for the first-round competition is outlined below:

- Request for Expressions of Interest Deadline: **April 21, 2017**
- Request for Qualifications Submission Deadline: **June 16, 2017**
- Request for Proposal Submission Deadline: **October 13, 2017**
- Successful Proponent(s) Selected: **December 2017**
- Commercial Operations Date: **by December 1, 2019**

Next Steps

TransAlta is pleased to announce its intentions to advance the Garden Plain Wind Project through the first round of Alberta's REP competitive bid process. As part of our consultation plan, TransAlta will be hosting an Open House event to provide current landowners, First Nations groups, community members, and other stakeholders near the proposed site, a more in-depth overview of the project. Stakeholders will be invited to attend the Open House once the date has been finalized.

We welcome your involvement and encourage you to contact us with any questions or concerns regarding the proposed project or any other general inquiries regarding wind energy.

