



# FUTURE ENERGY PARK

**Connecting Alberta's Agriculture and Energy Sectors**

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**Update**  
**September 2022**



Future Energy Park Inc. is proposing the construction and operation of a renewable biofuels facility that uses low-grade wheat to produce ethanol and renewable natural gas.

Green Impact Partners continues to work with Carbon Clean Energy and PCL Construction (PCL) in the development of this facility.

## WHAT HAS BEEN COMPLETED?

- Environmental evaluation complete
- Land Use Application submitted to the City of Calgary
- Regulatory application submitted to Alberta Environment and Parks
- Air and noise modelling complete
- Public engagement with the surrounding community remains ongoing
- Preliminary architectural rendering completed

## PROJECT BENEFITS

Future Energy Park is a \$1.2 billion biofuels facility located in the City of Calgary that will produce ethanol, renewable natural gas, electricity, and steam.

- Approximately 800 jobs over 24 months during construction and 50 jobs during operations
- Direct revenue of over \$150 million annually to rural wheat producers
- Provincial and municipal tax revenues
- Repurposed by-products including cattle feed and fertilizer

## WHERE IS THE FACILITY LOCATED?

Future Energy Park is being sited in an industrial area southeast of the intersection of Peigan and Stoney Trail SE. Access to the site will be from 84 Street SE along the boundary of Rocky View County and the City. The plant will be constructed and operated on a 21 hectare parcel (52 acre) on lands designated for future industrial use.



## WHAT HAVE WE HEARD?

### Why low-grade wheat?

Each year, ~11%-13% of wheat produced in Canada does not meet Grade A Standards, meaning it is not suitable for human consumption. Future Energy Park processes this wheat into renewable biofuels.

### Will there be noise from the facility?

Future Energy Park Inc. completed a comprehensive noise assessment including local noise monitoring. The results confirm that the facility will meet provincial guidelines for noise.

### Will there be an odour?

Future Energy Park is a fully contained facility that will limit odours from its processes. Future Energy Park Inc. continues to work with design engineers to implement mitigation for odour containment.

### Will there be an increase in traffic?

This area is zoned for future industrial development by both the City of Calgary and Rocky View County. Accordingly, the road network has been planned for anticipated increases in traffic volumes. Future Energy Park Inc. will work with PCL throughout construction to lessen any potential disruption to the area. Prior to operations, Future Energy Park Inc., will undertake upgrades to the intersection of 84 Avenue SE and Frontier Road to improve overall functionality and accommodate increased truck traffic.

### What is being done regarding air emissions?

The facility will be equipped with emissions control technology to meet Alberta's Ambient Air Quality Objectives. Air modelling has confirmed that emissions will be below provincial and federal limits.

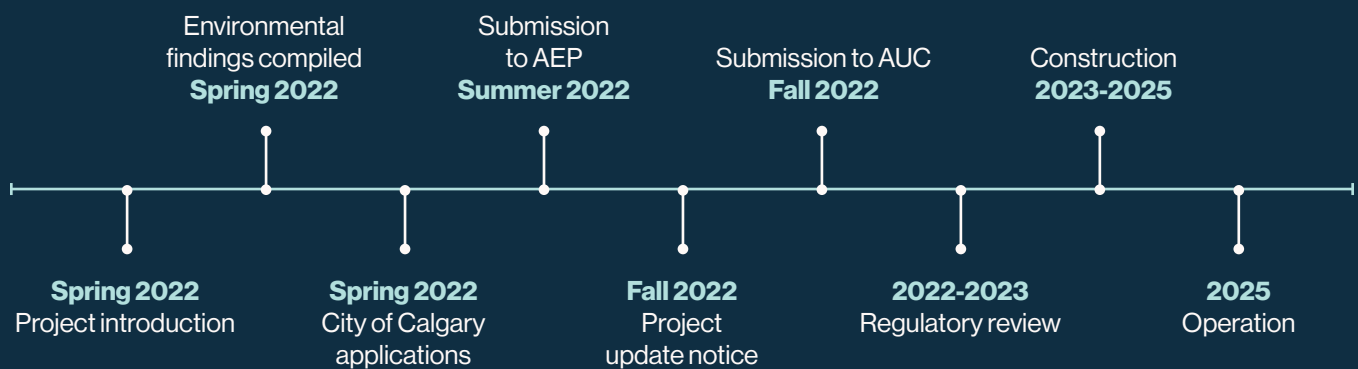
## WHAT IS NEXT?

Future Energy Park Inc. will continue to work with the City of Calgary to address development requirements. In addition, an application will be made to the Alberta Utilities Commission (AUC) to support the construction of the 28.8 MW cogeneration plant to supply both power and steam to the facility.

Submission of an application to the AUC is anticipated for the fall of 2022. Further information on their regulatory process can be found at [www.auc.ab.ca](http://www.auc.ab.ca) or by contacting our Project team.



## TIMELINES



*Timelines subject to change*

## QUESTIONS OR COMMENTS?

Understanding the communities we work in is integral to our business. Our Project team is available to answer your questions and receive your feedback that will be shared with the various regulators responsible for the review of the Project.

We encourage you to sign up for email notices to receive updated information regarding filing notices and other milestones. You can sign up by visiting the Project website or by contacting our team.

## CONTACT US

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