



## About

Algonquin Power & Utilities Corp. DBA Liberty is a Canadian renewable energy and utility company with assets all across North America. Liberty is committed to providing safe, reliable and cost-effective rate-regulated electric, natural gas, water, and wastewater treatment utility systems and electricity generation, transmission and distribution utility services to over 1 million customer connections, largely in North America.

## Internship

Worked in the **Wind Business Development** Department in the Acquisitions Team. The department's focus was to develop new wind projects and create opportunities to add more power (MW) to the company's portfolio.

My Role: As an **Energy Market Analyst**, my responsibilities were to conduct market research → find new wind project developers and contact them to potentially acquire projects. I also reviewed and assisted with the acquisition of other renewable energy generation projects.

## Key Takeaways

- Different regions in the U.S. have significantly varying energy prices. For example the interconnection market in Texas (ERCOT) is not a main area of focus for developing wind energy for Liberty as it is less profitable
- Although Liberty is in the renewable energy business; there is still much to do regarding sustainability from an environmental, social and governance perspective
- In a fast-growing company, it is important to be exposed to different departments in the company to gain a more complete picture of all aspects of a project

## Significance of Background

The picture in the background is one of our wind facilities in Quebec. This picture is personally significant to me because I played a role in a 300 MW wind RFP (request for proposal) where we proposed two wind projects to Hydro Quebec to meet Quebec's growing demand for electricity.

This was one of the more significant responsibilities given to me during my time at Liberty and I had the opportunity to gain an in-depth understanding of the proposal process. Through liaising with professionals across different departments and gathering submission materials, I was able to understand the complexities involved in renewable energy projects from financial modelling to choosing the right turbine suppliers and everything in between.

## Sustainability at Liberty

- Liberty's biggest sources of emissions are from power generation assets; particularly from natural gas combustion
- Participated in a "Reverse Mentorship Program" with the Director of Sustainability, where I had the opportunity to address major sustainability issues at Liberty
- Played a role in altering the supplier code of conduct to make turbine vendors more sustainable through more stringent rules in reporting labor practices and environmental impact



- The main SDG's in focus at Liberty revolve around the clean energy transition and decarbonization
- To further their positive impacts in these areas, Liberty has installed more than 1,600 MW of clean energy in 2020
- These energy sources mainly originate from new solar facilities and onshore wind farms
- Moving forward, Liberty may integrate green hydrogen and offshore wind as energy sources into their portfolio