



Liberty™

MScSM

Master of Science in
Sustainability Management

Algonquin Power and Utilities Corporation

A Canadian renewable energy and utility company with assets across North America.

Environmental Compliance Department: A department of the Compliance and Risk Office, the Environmental Compliance team is responsible for daily enterprise-wide support of regulatory obligations, permitting, spills response, waste management, program support, etc.

My Role: Environmental Coordinator

Major Projects

- Compliance Registers and Validation Project: Supported the preparation of obligation register templates and folders for validation to achieve the 2020 division objective.
- ESG Data Capture: Assisted with the collection and amalgamation of GHG, financials, and production data from the field for ESG reporting (CDP, DJSI, SASB, GRI core, etc.). Additionally, supported the capturing and consolidation of ESG reporting requirements from the Sustainability Office.
- General Awareness Training Module: Developed a general awareness training module for all employees to complete annually in line with ISO:14001 requirements. E.g. Identification and education of SA&I, KPIs, compliance, & policy.
- Environmental Checklist: Created a preliminary site-level environmental checklist for US and Canada facilities.
- Waste Management Program: Supported the development of an enterprise-wide waste program, and continuing program advancements this coming Fall 2020.

Interesting Ad-Hoc Projects and Investigative Research Topics

- Carbon offset/credit programs
- Sustainable procurement and supply chain management
- Diversity and Inclusion

Key Takeaways

- Having a renewable energy portfolio is not sufficient enough to presume that a business is sustainable. Sustainability is all-encompassing and should be obtained through all facets of a business.
- Countries must adopt affordable, modern renewable energy sources that can support economic recovery following the COVID-19 pandemic.
- Corporations are waking up to the fact that when measuring performance; natural, human, and social capital gains and losses should be the prescriptive indicators of the success of a company—not based solely on financials.

Fun Opportunities

- Participated in a "Reverse Mentorship Program" and was paired up with the SVP of Wind Development at Liberty Power, and took part in the engagement of raw field related discussions.
- Communicated with consulting firm Delphi on the GHG completion of the GHG Calculator.
- Met with industry leaders who shared new advances and technology relating to ESG reporting tools such as I360X, which is the world's first impact valuation platform.