NRG SUCCESS STORY
EVERWIND FUELS

Customer/Organization:

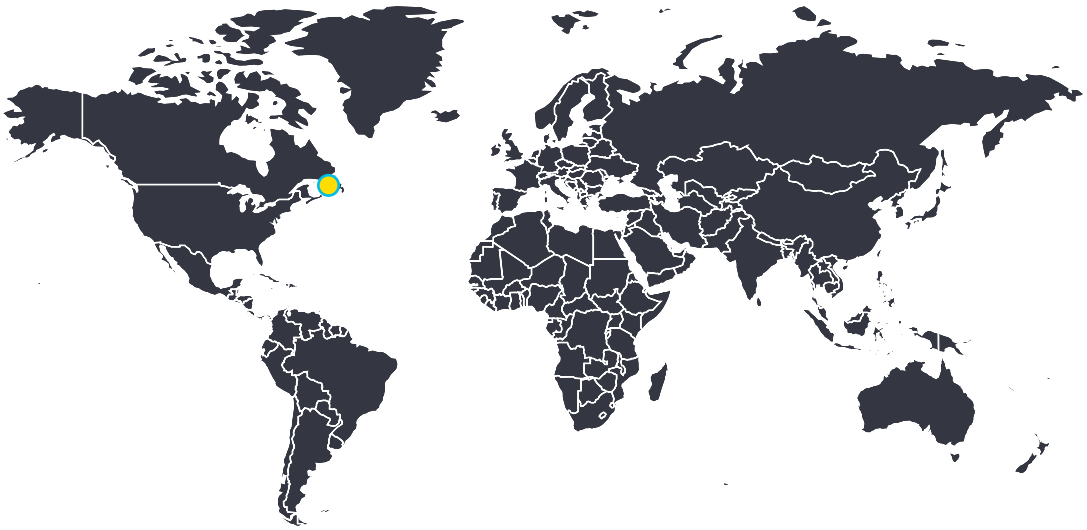
Everwind Fuels

Project Location:

Nova Scotia, Canada

Application:

Solar Resource Assessment



Products/Services:

- Flare SRA System
- NRG SymphoniePRO Data Logger
- Hukseflux SR30 Pyranometer
- Albedo Measurement Kit
- Soiling Measurement Kit
- NRG 40 Anemometer
- NRG 200M Wind Vane
- NRG T60 Temperature Sensor
- BP65 Barometric Pressure Sensor
- RH5X Relative Humidity Sensor
- Tipping Bucket Rain Gauge
- Data Monitoring Service

Measured Parameters:

- Irradiance (GHI/RHI)
- Albedo, Wind Speed
- Wind Direction
- Barometric Pressure
- Ambient Temperature
- Relative Humidity
- Soiling Losses
- Rainfall

Project Capacity:

N/A

Summary:

NRG Systems provided a Flare Solar Resource Assessment System (SRA) to support Everwind Fuels' feasibility campaign for a solar plant that will help power a green hydrogen and ammonia facility in Nova Scotia. Unlike conventional methods, green hydrogen and ammonia are produced using renewable energy sources, significantly reducing greenhouse gas emissions. NRG's Flare SRA System delivered accurate "ground truth" meteorological data to reduce uncertainty in annual energy production estimates – maximizing bankability and laying the groundwork for successful construction and long-term operation. By enabling reliable resource assessment for this pioneering project, NRG is proud to support the clean energy transition and the future of sustainable hydrogen and ammonia production.

NRG Systems®