



Renewable Integration Grid Security (RIGS) Project

Tantramar Municipal Council
DECEMBER 2025



RIGS

- **WHAT IS RIGS** – facility for back-up energy when renewables are not available
- **WHY CENTRE VILLAGE** – best opportunity for schedule and cost
- **WHY NATURAL GAS** – clean burning and fast acting
- **WHY NOW** – additional resources critical for 2028 to meet increased demand
- **WHY COMBUSTION TURBINES** – quick response, grid stability, emergency power
- **WHY NOT BATTERIES** – high cost, limited ability



RECENT ACTIVITY

- 2023 Request for Expression of Interest
 - requested cost-effective wind, hydro, battery storage and solar projects
 - resulted in 475 MW of PPAs with First Nations-owned projects
 - did not solicit any cost-effective storage projects
- 2024-25 Demand Response Program
 - expanded from ~35 MW to 70 MW
- 2024-25 Energy Efficiency
 - saved New Brunswickers 82.85 GWh (82,850,000 kWh)
- 2024 agreement on the development of a new interprovincial transmission line (pending EIA approval)
 - facilitate the movement of clean energy in the region



RECENT ACTIVITY (*cont'd*)

- 2025 Renewables REOI
 - seeking another 400 MW of new renewable energy
- 2025 REOI for Battery Energy Storage Systems
 - 50 MW 4-hour duration
- 2026 seeking final approval on plan to phase out coal in New Brunswick





Legend

- Site Features
- Development Footprint (Approximate)
- Project Area

Built Infrastructure

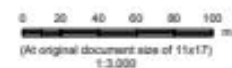
- Transmission Line (Existing)
- Pipeline (Existing)

Land Use

- Property Boundary

Wetlands and Waterways

- Wetland (NBELG)
- Wetland (Stantec)



Notes

1. Coordinate System: NAD 1983 CSRS New Brunswick Stereographic
2. Data Sources: Client; Stantec; GeoHub (NBELG, NBELG); NB Natural Resources and Energy Development; NB Environment and Local Government; Service NB
3. Background: Esri; CGM, 10000; Source: Esri, Mapbox, Satellite Imagery, and the GIS User Community

Project Location:



Project Location
Centre Village, NB

Prepared by AC on 2023-09-26

Client/Project
WetBridge Energy LLC
RIGB-Centre Village

101118602

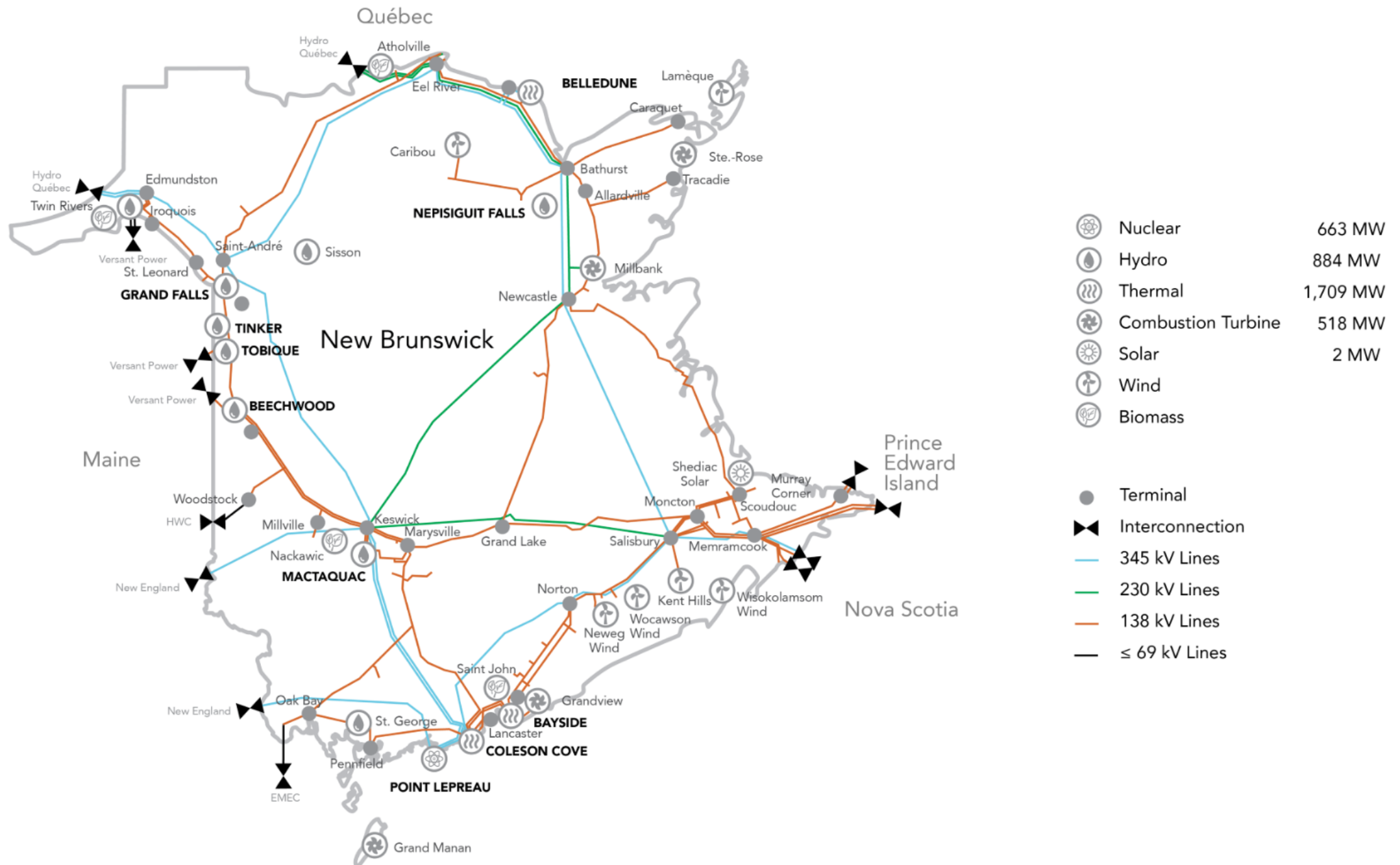
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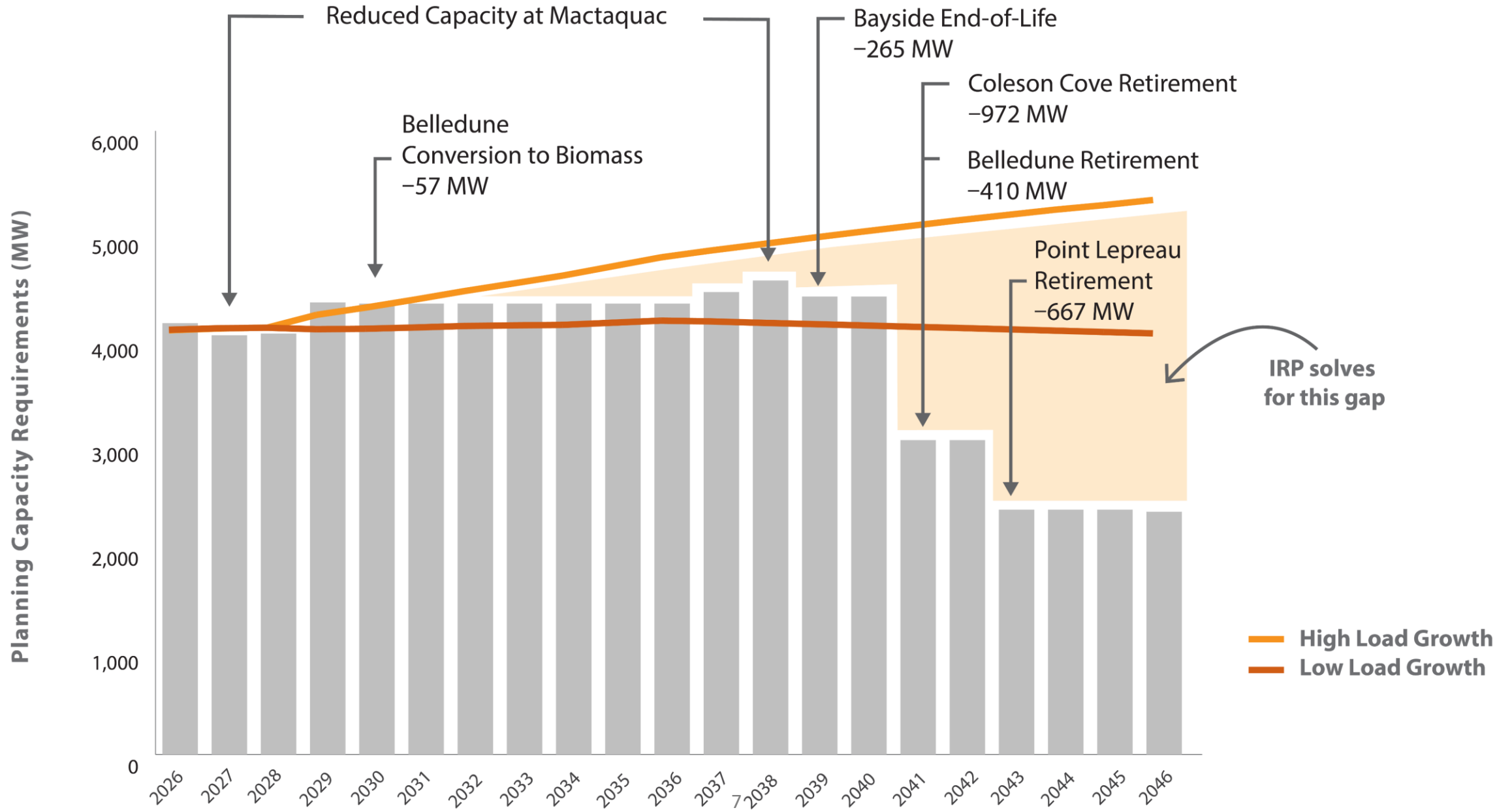
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Preliminary Site Layout





LOAD & RESOURCE BALANCE





THANK YOU
QUESTIONS?



Énergie NB Power