



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

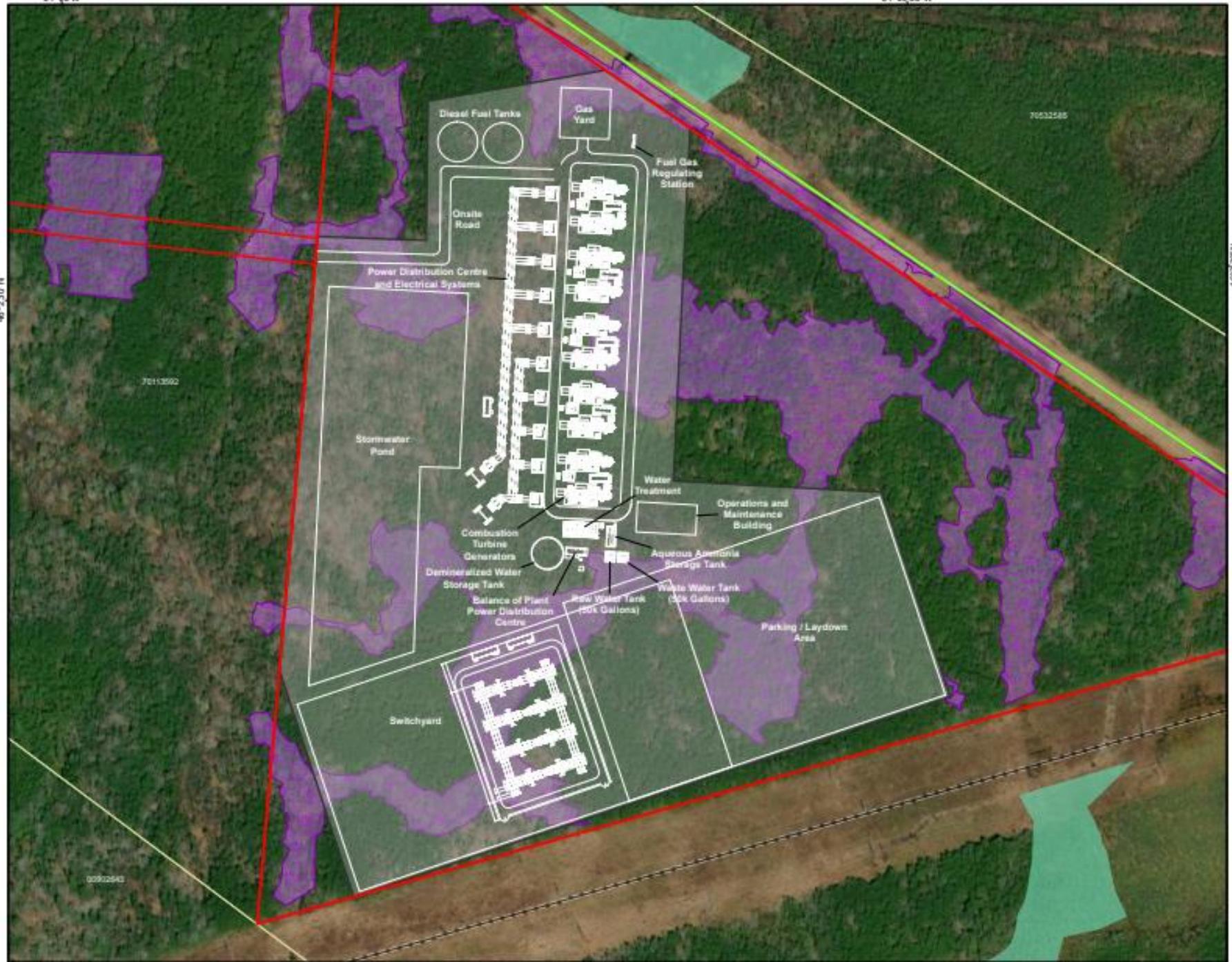
- **2023 Request for Expression of Interest**
 - requested cost-effective wind, hydro, battery storage and solar projects
 - resulted in 475 MW of PPAs with First Nations-owned projects
 - did not solicit any cost-effective storage projects
- **2024-25 Demand Response Program**
 - expanded from ~35 MW 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

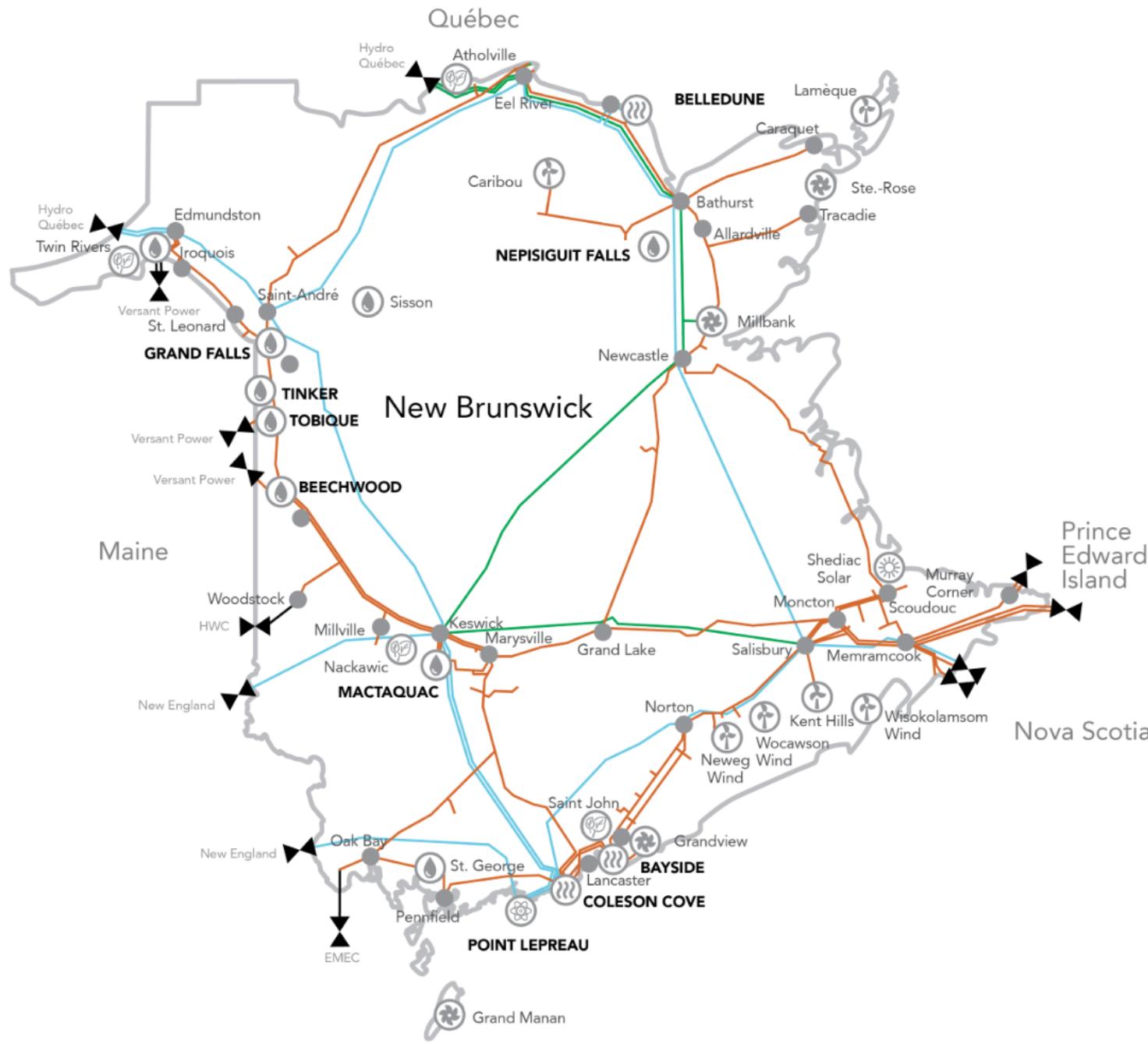


RECENT ACTIVITY (cont'd)

- 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



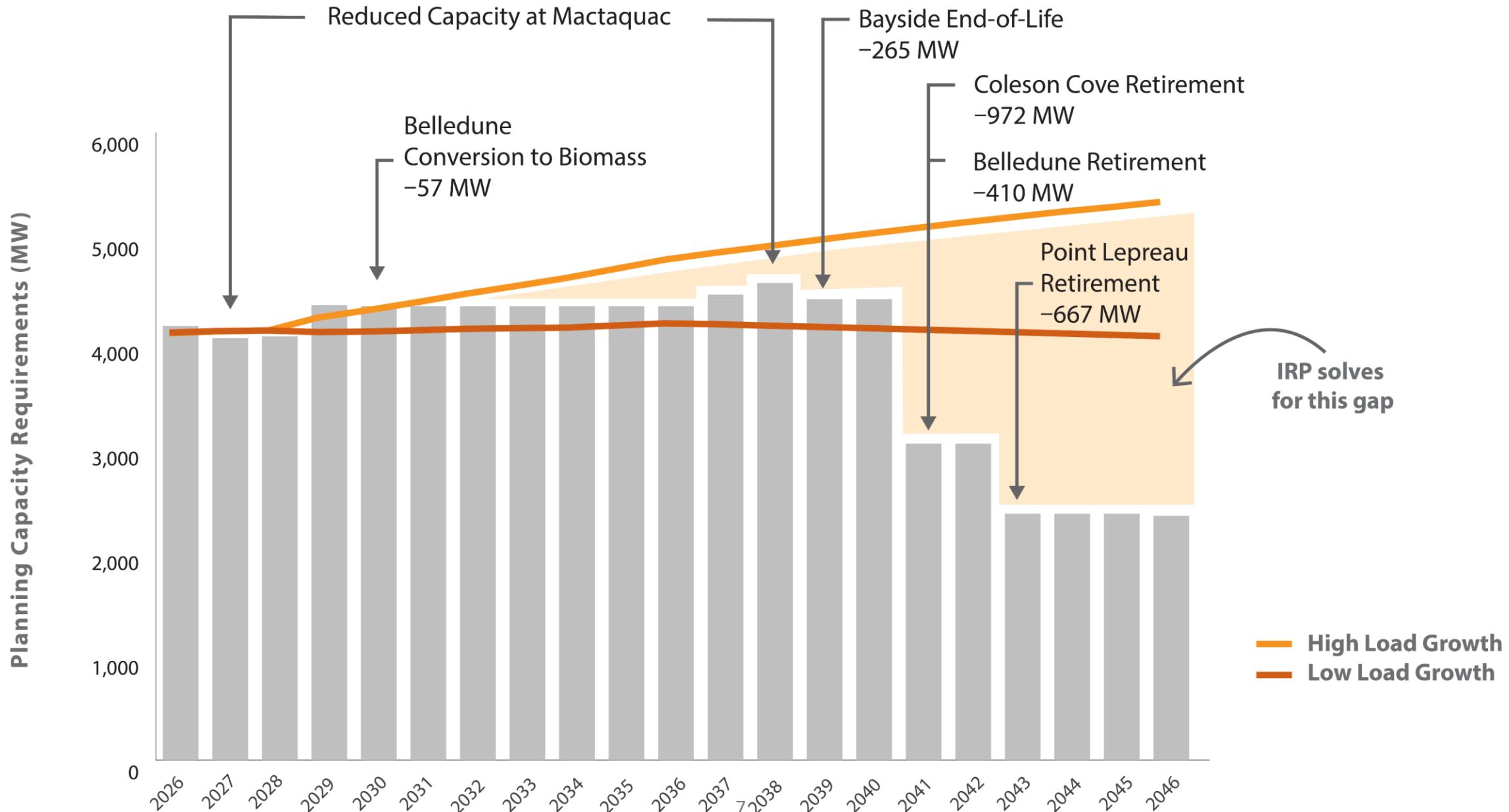




	Nuclear	663 MW
	Hydro	884 MW
	Thermal	1,709 MW
	Combustion Turbine	518 MW
	Solar	2 MW
	Wind	
	Biomass	
	Terminal	
	Interconnection	
	345 kV Lines	
	230 kV Lines	
	138 kV Lines	
	≤ 69 kV Lines	



LOAD & RESOURCE BALANCE





THANK YOU
QUESTIONS?