RIGS ENERGY ATLANTIC: COST-EFFECTIVELY ENABLING RELIABLE AND CLEAN ENERGY

RIGS (Renewables Integration Grid Security) Energy Atlantic is a flexible grid voltage balancing/peak power generation facility. It will have 500 megawatts (MW) of generating capacity, with 400 MW dedicated to New Brunswick and another 100 MW available to Nova Scotia. PROENERGY continues efforts to collaborate and build trust and enduring relations with Indigenous communities, with the goal of moving forward side-by-side in a spirit of co-development.

85% OF THE TIME

- The RIGS facility uses synchronous condensing technology to balance wind and solar output.
- This allows for the lowest cost energy, typically from renewable sources, to be available at all times. It also protects the grid.
- The facility's synchronous condensers and generators absorb sudden changes in wind generation, preventing grid instability and blackouts.
- The facility does not use any fuel when operating in this mode.

7% OF THE TIME

- The RIGS facility operates in generating mode during high demand periods, like winter.
- When operating in this mode, the facility uses natural gas delivered via the Maritimes & Northeast natural gas pipeline, in operation in this region since 2000.
- When using natural gas, the facility will produce 90% less NOx and 95% less CO compared to traditional technology.

This is an example of a similar PROENERGY facility.

PROENERGY

A SAFETY NET THAT ENSURES POWER IS ALWAYS AVAILABLE

- This facility will provide stability and resilience, keeping the grid strong and reliable as more renewables come online.
- It will provide fast-acting dispatchable generation (up to full power in 10 minutes) when there are generation shortfalls within the existing generating fleet.

KEEPING COSTS DOWN FOR ELECTRICITY USERS ON OUR JOURNEY TO NET ZERO

- By reducing reliance on imported power and managing peak demand more efficiently, RIGS Energy Atlantic helps control electricity costs.
- It's a cost-effective solution that enables getting lower cost renewable resources onto the grid.

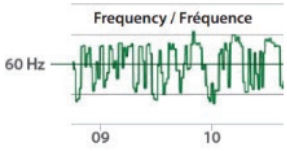
CREATING POSITIVE ECONOMIC IMPACT

- The project will benefit area businesses by investing $240 million locally during construction.
- Up to 120 skilled tradespeople will be employed during the construction phase for site preparation, foundations and equipment installation.
- The facility will employ up to 10 full-time, local employees with an annual economic impact of $4 million locally each year for operations and maintenance.

SUPPORTING THE ENERGY TRANSITION

ENABLES THE ENERGY TRANSITION

MEETS DEMAND COST EFFECTIVELY



STABILIZES THE GRID

AVOIDS INEFFICIENT MINIMUM LOADS

PROJECT TIMELINE

2025-2026
Project Development, Environmental Impact Assessment, Financing, Permitting and Detailed Engineering

2027-2028
Construction

2028
Commercial Operations

Engagement with rightsholders, stakeholders and public

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