

Community Engagement Meeting

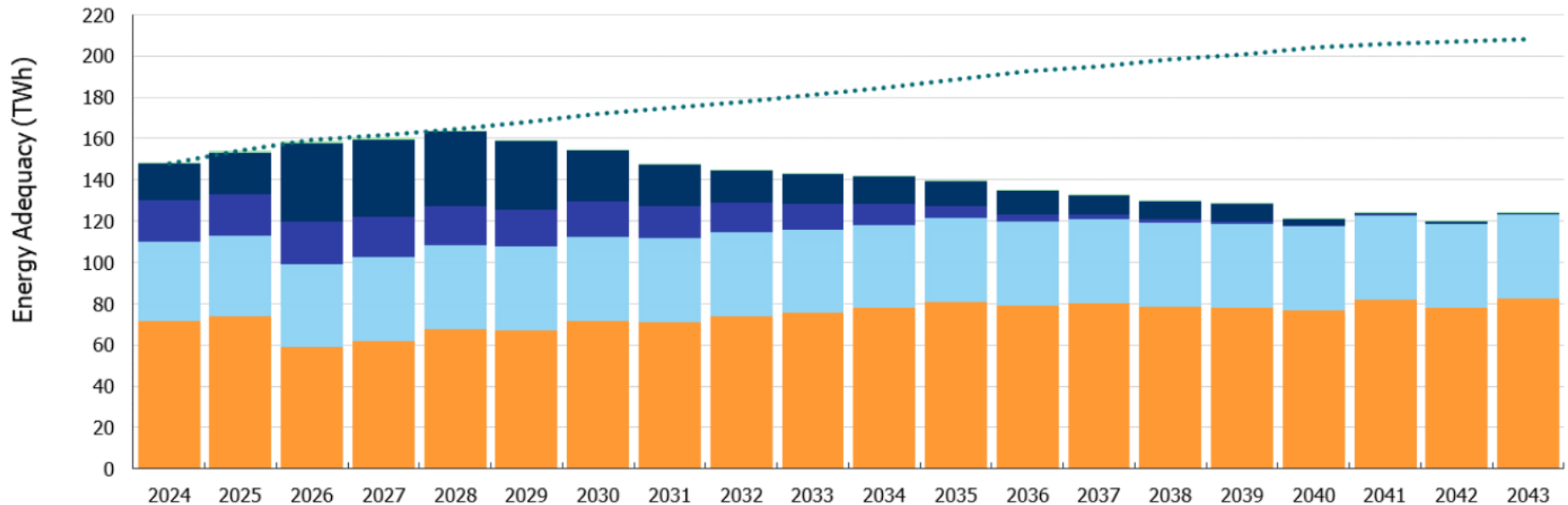
Greenock Energy Storage Project

November 22, 2023

Ontario Needs New Capacity

Ontario is facing electrical capacity shortfalls in the starting in 2028, and the IESO is in the process of acquiring capacity – including energy storage – to support future growth

- The IESO has forecast the need for additional resources to support the grid, starting in 2028, due to load growth, and retirement of generation assets
- The Long Term 1 RFP process aims to procure 2,200 MW of new energy storage and generation resources to offset this capacity gap



Overview of the IESO Procurement

Ontario is in the process of acquiring long term capacity to support future growth, and the Alectra Convergent JV firmly believes in the “Power of Partnership” with local communities

The Opportunity



- To support projected capacity needs, a Long-Term RFP (“LT1”) has been issued by the Independent Electricity System Operator (IESO)
- The LT1 process is now underway with a target of procuring a total of 2200 MW in additional resources to be online by 2028
- Our JV has been pre-qualified to participate in the request for proposals; and was awarded 80MW / 320 MWh of projects in the previous round of the RFP
- The IESO has conducted deliverability assessments on specific proposed project locations put forward by the proponents; capacity for our projects has been affirmed

The JV Approach



- The Alectra Convergent JV firmly believes that partnership with local communities is the best pathway to achieving long-term, sustainable success for LT1 projects
- We will work expeditiously to consult with local communities and Municipal Councils to address concerns and build support for the proposed project

Municipal Support: The First Step

The Alectra Convergent JV will work with the municipal and provincial authorities as part of the planning and approvals process



- A Municipal Support Resolution is not a full and final approval of the project – it is a sign that the Municipality is open to considering this project further
- Significant collaboration with the Municipality will be required between now and the start of construction, including:
 - Site plan approvals by the municipality, including zoning or planning amendments
 - Approval for utility interconnection by Hydro One and the IESO
 - Environmental Impact studies (including noise emissions) and approvals through the Ministry of Environment and Climate Protection (MECP)
 - On-going training and support for the Fire Department and First Responders
 - Inspection and approval by the Electrical Safety Authority

Proposed Project Details: Greenock

The Greenock BESS project intends to build 250MW of capacity



Key Information

| | |
|-----------------------------|--|
| Address | Conc. 10 East Part Lot 6 and 7 Greenock Twnsp. Muni. of Brockton |
| Site Coordinates | 44.187954, - 81.288203 |
| Interconnection Coordinates | 44.183513, - 81.293323 |
| Maximum Project Size | 250 MW / 1000 MWh Circuits B22D & B23D |
| BESS Parcel Size | 15 Acres |
| Soil Class | Not prime agriculture |
| Technology | Tier 1 Lithium-Ion BESS |

Project Benefits: Community Partnership Payment

The Alectra Convergent JV recognizes the importance of partnership with the Municipality of Brockton, and is offering a meaningful long-term investment in the community

Funding to Support Brockton

- The Alectra Convergent JV will offer the Municipality an annual payment of \$1,000 / MW of Contracted Capacity for the 21-year life of the contract.
- These annual payments will start 1 year after the project achieves Commercial Operation
- If the IESO awards the full proposed Contracted Capacity to the project, this funding would equate to:
 - Up to **\$250,000 per year**
 - Up to **\$5,250,000** over the 21-year contract life



Project Benefits – Beyond Brockton

The Alectra Convergent JV will maximize local and province-wide benefits in the following key areas

Strengthening Ontario's grid

- These projects will be a key resource in maintaining the safe and reliable operation of Ontario's electricity grid; they will serve as a flexible, quick-reacting resource to balance the grid during volatility
- Additional capacity will give Ontario the ability to address increased load growth and electrification over the coming decades; this supports economic growth across Ontario
- For the Municipality of Brockton, this BESS will aid in balancing the local transmission grid, helping to prevent grid outages and improve reconnection times after blackouts

Local and province-wide economic benefits

- BESS can provide needed capacity at a lower cost than traditional generation or transmission infrastructure, meaning lower costs for ratepayers
- Project construction and operations will engage local labour and businesses, leading to job creation
- Tax revenue will flow to both the Municipality and the Province

Protecting the environment and supporting clean energy production

- Technology will have minimal site impact, with no emissions
- BESS will reduce the reliance on natural gas peaking plants, and maximize the use of clean Hydro, Nuclear and Renewable energy
- Each MW of storage will eliminate 40.23 tonnes of CO₂ per year.

Questions?

We look forward to forging a strong partnership with you to help Ontario meet its energy needs, and build safe, successful energy projects within our communities

Minutes from this meeting will be uploaded to

www.AlectraConvergentJV.com

for reference by community members who were not able to attend this meeting

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