



NRStor is proposing to develop a liquid-air energy storage (LAES) project in St. Clair Township. This innovative technology charges by using ambient air, which is cooled, becoming a liquid, and stored in large, insulated tanks on site. To provide electricity back to the grid, the liquid air is warmed to become a gas again, where it runs through a turbine, returning the electricity to the grid while the air is vented back to the atmosphere. This allows energy to be stored for much longer than typical battery energy storage systems.

**Scan here to learn more
about the LAES
technology**



About the Project

Nameplate Capacity: Up to 200 MW / 2,000 MWh

Storage Technology Used: Liquid Air Energy Storage (LAES)

The project will provide capacity services to the Ontario grid using emissions-free liquid air energy storage technology, helping enable affordable and reliable electricity province-wide.



Project Benefits

Environmental Benefits

Emissions-free
dispatchable capacity

System Efficiencies

Solve today's system flexibility needs
& creates ratepayer savings

Employment Opportunities

Job creation through construction and
operations of the project

Project Timeline

**Decision
Received
May 2027**



**Earliest
Financial Close
Q4 2028**



**Earliest Project
is Online
May 2032**

**Contact us with any further questions
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