



**ASX ANNOUNCEMENT**  
(ASX: **NVX**, OTCQX: **NVNXF**)

19 February 2021

## **Emera Technologies and Novonix Partner on Innovative Battery Technology**

- **Partnership to develop and manufacture energy storage systems for community microgrids**
- **Significant opportunities throughout North America**

**NOVONIX Limited (ASX: NVX)** (“Novonix” or “the Company”) is pleased to announce a partnership with Emera Technologies, a business unit of Canadian-listed Emera Inc., to develop and manufacture energy storage systems, targeting significant market opportunities throughout North America. Novonix will be participating in the partnership through its wholly owned subsidiary, Novonix Battery Technology Solutions, based in Halifax, Canada.

Emera Technologies launched its microgrid power and battery business, BlockEnergy (<https://blockenergy.com/>), in 2020 as the first utility-owned community microgrid platform. Emera Technologies is a subsidiary of Emera Inc. (TSE: EMA), a multinational energy holding company based in Nova Scotia with more than CA\$32 billion in assets in 2019.

The Emera Technologies and Novonix teams have been working to develop a battery pack including innovative designs, custom manufacturing and control systems to support the BlockEnergy microgrid requirements.

“The BlockEnergy project is a great example of applying our technology to real life projects and developing systems with specifications not available currently in commercial products, and that have tangible downstream applications,” said Dr. Chris Burns, co-founder and Chief Executive of Novonix.

“This project brings the opportunity to partner on not only the development but also manufacturing of new battery systems with significant market opportunities. The target market is not limited to the United States but will also include a focus on opportunities and customers here in Canada,” said Dr. Burns.

Attached is the press release with more information on the partnership.

This announcement has been authorised for release by Tony Bellas, Chairman.



## ABOUT NOVONIX

**NOVONIX LIMITED** (ASX: **NVX**, OTCQX: **NVNXF**) is an integrated developer and supplier of high-performance materials, equipment and services for the global lithium-ion battery industry with operations in the US and Canada and sales in more than 14 countries.

NOVONIX's mission is to support the global deployment of lithium-ion battery technologies for a cleaner energy future.

For any questions, please contact [IR@novonixgroup.com](mailto:IR@novonixgroup.com)

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# PRESS RELEASE

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## Emera Technologies and Novonix Partner on Innovative Battery Technology

Company Release - 2/18/2021

HALIFAX, Nova Scotia--(BUSINESS WIRE)-- Emera Technologies and Halifax-based Novonix Battery Technology Solutions (Novonix) are working together to develop battery pack systems to support microgrids that will provide solar power directly to homes, and could lead to exciting future opportunities across North America.

In the fall of 2020, Emera Technologies launched [BlockEnergy](#), the first utility-owned community microgrid platform, and partnered with Lennar homebuilders to implement the technology in a new residential community in Florida. For the past year, the Emera Technologies team has also been working with Novonix, a Halifax based battery technology company, to develop a battery pack including innovative designs, custom manufacturing, and control systems to support the direct current BlockEnergy microgrid.

“Emera’s BlockEnergy platform is a great example of applying our technology to real life projects and developing systems with specifications not available currently in commercial products, and that have tangible downstream applications,” said Dr. Chris Burns, co-founder and CEO of Novonix. “This project brings the opportunity to partner on not only the development but also manufacturing of new battery systems with significant market opportunities. The target market is not limited to the United States but will also include a focus on opportunities and customers here in Canada,” said Dr. Burns.

Novonix was born out of work by Dr. Jeff Dahn's Research Group at Dalhousie University that focuses on lithium-ion battery research and currently works exclusively with Tesla. Dr. Dahn will join Novonix on July 1, 2021 as their Chief Scientific Advisor. "Partnerships like Novonix and Emera Technologies help take battery technology advancements to the real world, in this case powering individual residential homes," said Dr. Dahn.

Emera Technologies and Novonix plan to field test the first demo units in 2021 which will help inform final decisions around system specifics and design.

"We're really excited about this partnership and this project," said Rob Bennett, President and CEO of Emera Technologies. "We're developing something that doesn't exist today, that will help provide people with cleaner, more reliable energy, and we're able to capitalize on expertise at home in Nova Scotia to do that."

### **About Emera Technologies**

Emera Technologies is a dedicated and nimble organization that's focused on developing new ways to deliver renewable energy to customers. Headquartered in Tampa, Florida, the team engages experts, research organizations and technology leaders to capitalize on the disruptive challenges and innovation opportunities in today's energy industry.

### **About Novonix**

Novonix was started in Halifax, Nova Scotia in 2013 from work in Dr. Jeff Dahn's group, with the goal of bringing state-of-the-art battery testing equipment from the research lab to market success. Over the past eight years, Novonix gained worldwide recognition, providing battery testing equipment and services to customers in more than 14 countries. Novonix has continually expanded, both in staff and in infrastructure and is located in Bedford, Nova Scotia. Novonix is a wholly owned subsidiary of Novonix Ltd (ASX: NVX, OTCQX: NVNXF).

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