



NRStor Project Spotlight:

Commercial & Industrial

Delivering savings and efficiencies through Global Adjustment, IESO demand response, and energy arbitrage.

Behind the Meter CO2-free Energy Storage Project Results in Unprecedented Savings

Ontario has the fastest rising electricity costs in North America, and commercial and industrial (C&I) customers pay particularly high costs for their energy consumption. One of the biggest factors in energy costs is the Global Adjustment (GA), making up to 80% of the total electricity commodity price paid by Ontario consumers. The GA is divided between Class A and B customers, with opportunity for savings in converting how and when a customer interacts with peak demand.

Largest Behind-the-Meter Energy Storage Developer in Ontario

An industrial customer in Oakville, Ontario in the plastics injection molding business was struggling to lower their energy costs, particularly their GA and needed solutions for managing their energy costs.

NRStor was selected by the customer to build, own, and operate a 2MW/4MWh lithium ion Battery Energy Storage Solution (BESS) to help address their peak demand issues and create energy cost savings. NRStor began by gaining an understanding of the customer's unique energy needs. This included evaluating their status as GA Class A or B, the layout of their facilities, and identifying other potential savings opportunities.

Once a strategy was developed, NRStor secured project financing, credit approval, and pre-development permitting. Construction began in late 2017 and carried through until the first commercial operations began in summer 2018.



Integrated Design for Maximum Results

Integrating the design of the solution into the layout of the customer's facility was front-of-mind for the NRStor team. As a result, the BESS facility and containers within achieved the desired results while minimizing the physical footprint of the project.

Ongoing Savings for a Sustainable Future

NRStor delivered savings to the customer through:



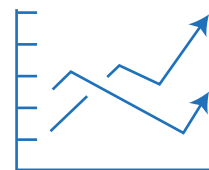
Global Adjustment

NRStor achieved an influence on the customer's GA class, producing a more efficient and cost-effective payment strategy.



IESO Demand Response

NRStor's strategy enabled the client to participate in the IESO Demand Response Auction, further reducing energy prices.



Energy Arbitrage

NRStor's BESS solution draws power from the grid during low price periods, and discharges that power during peak hours to ensure maximum savings.

Having partnered with NRStor, they were able to achieve these results without having to finance, build, or maintain the solution, and without significant impact on their property footprint. NRStor's solution is a no CAPEX, no OPEX solution based on a shared savings agreement for 10 years. The customer is expected to save approximately 30% on their bill through this risk free solution.

About NRStor

NRStor develops, owns, and operates industry-leading energy storage projects in partnership with progressive stakeholders and leading technology providers.

Contact NRStor today to learn more about our C&I solutions.

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