

## NEWS RELEASE

### **NSG Group Partners with Convergent Energy + Power to Provide First Battery Storage System**

Solution will allow NSG Group's Pilkington plant to significantly lower its electricity costs and carbon intensity

September 14, 2021 - NSG Group is committed to initiatives that reduce energy consumption and carbon (CO<sub>2</sub>) emission by using energy more efficiently and effectively. In line with this objective, NSG Group has partnered with Convergent Energy + Power (Convergent) to provide a battery storage system for its Pilkington plant in Collingwood, Ontario, Canada.

The battery storage installation represents NSG Group's first mutually beneficial cooperation between an energy storage developer and a glass manufacturing plant.

The 5 MW / 10 MWh battery energy storage system is fully operational and uses Convergent's PEAK IQ® proprietary software to reduce the facility's electricity usage during the most costly, carbon-intensive grid consumption peaks.

As the project was constructed during the 2020-21 winter season, in the height of the COVID-19 pandemic, construction teams adhered to particularly strict safety regulations. In order to achieve the projected savings of ~\$450,000 / MW during the 2021 summer, Convergent coordinated with local partners to ensure pandemic-related travel restrictions did not slow down construction while navigating extensive supply chain disruptions.

"Locally, this battery storage system is part of our commitment to support our community in Collingwood and the broader efforts in Ontario to create a more efficient, sustainable grid," said Ron Young, Collingwood's Engineering Group Leader. "We value Convergent's expertise from system design to dispatch, bringing the battery storage system online as quickly and safely as possible during the pandemic," added John Wilgar, NSG Group Head of Procurement.

"NSG Group has been an excellent partner from start to finish and demonstrated a deep commitment to all of its stakeholders," said Johannes Rittershausen, Convergent's CEO. "We are proud to build on our track record of successful, operating energy storage assets for commercial and industrial facilities here in Ontario and across North America."



Above: The batteries reduce how much power the Collingwood plant pulls from the grid whenever peak times are predicted.

A vertical decorative element on the left side of the page, consisting of a series of horizontal blue lines of varying lengths that create a staircase-like effect.

### **About NSG Group**

NSG Group is one of the world's largest manufacturers of architectural and automotive glass and glazing products and has established the creative technology business to support its future growth. The NSG Group has principal operations worldwide and sales in over 100 countries.

<http://www.nsg.com>

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