



Novalis Innovation Center



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Novalis retrofits existing building with state-of-the-art upgrades



AVA® FAVE™ is one of the first products produced at the new facility.

In 2020, Novalis began production in Dalton, Georgia at the Novalis Innovation Center, the company's new North American headquarters. The leafy campus is surrounded by forest and abuts a nearby pond which employees can enjoy lunch by at accessible picnic tables. Following the wisdom of former American Institute of Architects president Carl Elefante that "the greenest building is one that is already built," Novalis opted to retrofit an existing building with state-of-the-art upgrades rather than incur the environmental costs of constructing a new facility.

An example of one such upgrade is recycling the aging fluorescent tubes in the building and replacing them with LED lights across the entire manufacturing and office areas. This saved approximately 400,000 kWh electricity

annually. That single switch has saved approximately 625,000 pounds of carbon dioxide equivalent, or about 51 American homes' electricity use for one year, from being emitted into the atmosphere annually.

Electric-powered forklifts annually save 125,700 pounds of carbon-dioxide-equivalent emissions relative to forklifts powered by liquified propane. That is the equivalent of 51 one-way trips by car between New York and Los Angeles.

Energy efficiency measures such as the LED light retrofit have been complemented by operational decisions guided by environmental principles. When determining what type of forklift



FAVE

fleet to deploy in the new factory, Novalis determined that it would make a significant environmental difference to use electric forklifts rather than internal combustion forklifts fueled by propane. Based on an assessment of typical use with both types of forklifts, the electric-powered versions annually save 125,700 pounds of carbon dioxide-equivalent emissions relative to those powered by liquified propane. That is the equivalent of 51 one-way trips by car between New York and Los Angeles. Additionally, internal combustion forklifts emit carbon monoxide, hydrocarbons, and nitrogen oxides. These compounds are key components of smog, particulate matter, and ground-level ozone and are directly linked to negative effects on lung, heart, kidney, and liver functioning. Electric forklifts do not emit these compounds, significantly reducing indoor air pollution and creating a safer work environment.

At Novalis, sustainability means keeping people healthy and the planet habitable. At the Novalis Innovation Center, the new North American headquarters, the company has taken action to do both.



“The greenest building is one that is already built.”

*Carl Elefante,
Former American Institute
of Architects President*

“With what the market is experiencing with freight issues or logistics issues that people are seeing from coming overseas, we’re able to bring some new collections that are made in the USA, and that saves people time, money and speed as far as finishing their projects when they work with us. ”

*Jeremy Whipple,
Vice President of
Commercial Business
Development,
Novalis Innovative Flooring*

