Shepard Steel Turns on New Solar Energy System; Early Production Exceeds Estimates

Shepard Steel, a structural steel and miscellaneous metals company serving the Greater Hartford region since 1956, has announced that a 611-kilowatt (kW) DC solar energy system installed on its headquarters by Solect Energy of Hopkinton, Mass., went live on July 23, and has exceeded production estimates in the months since.

HARTFORD, Conn. (PRWEB) November 06, 2019 -- Shepard Steel, a structural steel and miscellaneous metals company serving the Greater Hartford region since 1956, has announced that a 611-kilowatt (kW) DC solar energy system installed on its headquarters went live on July 23, and has exceeded production estimates in the months since.

In the first three months of operation, the 1,674-panel solar energy system generated approximately 200 megawatt-hours (MWh) of electricity, enough to power the company’s operations into the winter.

Shepard Steel’s headquarters is a one-story, 100,000-sq.-ft. building at 110 Meadow Street in Hartford, Conn. The manufacturer partnered with Solect Energy of Hopkinton, Mass., and Eversource to install the panels on an area covering 80,000 square feet of the roof.

The solar system is monitored around the clock by Solect, which uses a cloud-based monitoring platform to measure the system’s output in real-time, ensuring it operates at maximum capacity. Solect’s monitoring also provides historical data and projections on future production that take into account regional weather patterns.

“Shepard Steel tries to innovate continuously in ways that benefit our company and the surrounding community. Solar meets that goal and then some. Our new solar array is already delivering greater than expected savings to our energy-intensive operation, and the green, clean energy it produces has reduced our carbon footprint considerably,” said Shepard Steel VP/CFO Keith F. Wolf.

“Since commissioning the solar system we have produced all our structural steel components using solar energy. Where Project Owners, Construction Managers or Design Teams are dedicated to Green Building, Shepard Steel brings another level of clean energy to further their mission,” said Solect Energy CEO Ken Driscoll.

About Shepard Steel

Shepard Steel, and a staff of approximately 110 talented professionals, are carrying out this company’s proud tradition by meeting the structural and miscellaneous steel requirements of customers throughout all of Southern New England and Eastern New York State (including New York City).

At Shepard Steel, years of experience, industry expertise, financial stability and a wealth of resources combine to ensure that every customer’s needs are met on time and within budget – whether you are a general contractor,
construction manager, building owner or homebuilder. Our goal is to ensure that our clients get the best value for every dollar.

About Solect Energy

Solect Energy of Hopkinton, Mass., is a recognized leader in commercial solar. The company provides commercial and industrial businesses, cities and towns, and nonprofits throughout New England and Illinois with customized strategies for improving their businesses through solar. Solect’s services include solar financing, design, engineering, installation, operations and maintenance services, and system monitoring. The company installs rooftop and canopy systems, as well as solar energy storage systems that provide businesses with some emergency backup electricity in the case of power outages, and the ability to shift load by using stored solar at times when utility prices are at a premium. Solect has installed more than 500 projects representing more than 100 megawatts. The company, which was founded in 2009, employs approximately 70 people.
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