



100 kW Solar Array Makes Wire Belt NH Solar Leader

We looked at a number of different companies to install our 100-kW PV system. The Nexamp people were a joy to work with from start to finish. Not only did the installation go very smoothly and quicker than planned, but the system performed better than expected. It is a very rare occurrence nowadays for a company to over-deliver on their promise. I highly recommend Nexamp, and will use them again.

David Greer, CEO, Wire Belt Company of America

PROJECT SPECIFICATIONS

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| Capacity | 100 kW |
| Estimated Average Annual Production | 106,500 kWh Provides approximately 20% of Wire Belt's total electricity consumption |
| Annual CO ₂ Reduction | 168,600 lbs (Based on U.S. EPA national average) |
| Incentives | Federal tax incentive |
| Components | 473 Kyocera 210-watt solar modules 5 Solectria inverters |
| Turnkey Installer | Nexamp, Inc |

SYSTEM BENEFITS

- > Energy cost savings
- > Government incentives partially cover system costs
- > Environmental benefits

Wire Belt Company of America, the leading manufacturer of open-mesh stainless steel conveyor belting, hired Nexamp to install its 100-kilowatt roof-mounted solar photovoltaic (PV) system—the largest solar array in New Hampshire at the time of installation. The PV system is offsetting approximately 20% of total electricity consumed each year at Wire Belt.

The solar PV panels work on a net metering system, so even when Wire Belt is not in production the solar panels are working to send electricity back to the grid and reduce overall consumption and energy costs. Wire Belt has also taken advantage of tax incentives offered by the federal government to help lower the system costs.

The system produces an estimated 106,500 kilowatt-hours (kWh) of electricity per year, equivalent to taking 14 cars off the road each year or powering 10 average homes annually.

Wire Belt has won BuildingNH's Award of Excellence for Energy Efficient, Sustainable Building in recognition of the solar project and the company's other sustainability projects.

Nexamp is proud to support Wire Belt in becoming a clean energy leader, and encourages other companies to follow Wire Belt's example and explore the economic and environmental benefits of clean energy solutions such as solar energy, geothermal, and high-efficiency lighting.