



Honda of Milford Prepares for an Electrified Future with Solar

Challenge

Honda of Milford, serving the greater New Haven area of Connecticut, was interested in relying less on the grid and more on the sun. Going solar would save thousands of dollars in utility bills every year and offset the dealership's growing energy use as their fleet transitions to electric vehicles.

SunPower's Solution

SunPower® Elite Dealer Pure Point Energy designed and installed a 109-kilowatt (kW) system for the roof of the dealership. The system features a total of 246 high-performance SunPower 460 X Series and 410 E Series modules, generating about 111,000 kilowatt hours of clean energy every year.

Benefits

Choosing SunPower enabled the Pure Point team to install a lighter weight system on the dealership roof, while still producing maximum clean energy. The system offsets approximately 90 percent of the company's electric bill, reducing carbon emissions equivalent to 13 homes powered by electricity every year.



Quick Facts



109 kW

Total System Size



Rooftop

Installation Type



90%

Estimated Electricity Offset



\$23,816

Estimated First-Year Savings



\$767,643

Savings Over 25 Years

Solar Savings Seal the Deal for Honda of Milford

Auto dealerships have a lot to manage today – keeping customers happy, staying abreast of car trends and of course, focusing on the bottom line. Honda of Milford manages to do all three, and one more: transitioning the dealership to run on solar energy.

“EVs are not just coming, they’re here. We wanted to be as grid neutral as possible as our need for electric power grows.”

Stephen Courtney, Jr.
Dealer Principal



Like most dealerships, the Milford company was interested in reducing its overhead. But the management team took a forward-thinking approach to doing so – going solar not just to save money, but to prepare for the growing trend toward electric vehicles.

Dealer Principal Stephen Courtney, Jr. and his team turned to Pure Point Energy, a leading solar company based in Norwalk, CT. An expert in commercial solar systems, Pure Point designed a rooftop solar system with SunPower technology because of the modules’ higher performance, reliability and ability to produce more power from the same space as conventional panels—key to minimizing roof load.

“We wanted to ensure the integrity of the roof AND produce maximum power,” said Pure Point Owner Thomas Wemyss. “SunPower is ideal for this because of the panels’ higher efficiencies.”

Today, Honda of Milford offsets an average of 90 percent of the dealership’s electric use with solar. Over the next 25 years, solar is expected to save the company more than \$760,000.

Honda of Milford paid for the system upfront, reducing the cost by 30 percent with federal tax incentives. Connecticut’s Zero Emission Renewable Energy Credits sweetened the deal. ZRECs give the company the option to sell excess solar production to the local utility for a fixed price for 15 years.

With added savings of 78.5 metric tons of carbon dioxide removed from the air every year, this solar project was the deal of the century – for the dealership, its customers, and the greater New Haven community.

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