Select Success Story

solectenergy™
Smart Solar. Smart Business.

508.598.3511
info@solect.com
89 Hayden Rowe St.
Hopkinton, MA 01748
solect.com

Herb Connolly Auto Group

"We chose Solect because their commitment to excellence matches our own. They brought a high level of experience and knowledge to every phase of the project" – Adam Connolly, Owner

Fast Facts:

Location: Framingham, MA

Owner: Herb Connolly Auto Group

System Size: Acura/Hyundai 195 kW; Chevy 175 kW; Carport 40 kW

Number of Panels: Acura/Hyundai: 660 panels; Chevy 594 panels; Chevy Carport 156 panels

Technical Details: Acura/Hyundai and Chevy: Roof-mounted systems with ET Solar panels, Gamechanger Racking System, and Solectria inverters.

Chevy CarPort System: ET Solar panels, Solaire Generation carport mounting hardware, Solar Edge inverters and 6 General Motors Voltec Electrical Vehicle Charging Stations.

Client Overview

Herb Connolly Auto Group is a MetroWest Boston auto dealer with Acura, Chevrolet and Hyundai dealerships that has been in business for nearly 100 years. The family-owned and operated dealerships are located in Framingham, MA, and sell new and used vehicles.

Challenge

Inspired by the popular Chevy Volt hybrid vehicle, the company had been investigating ways to reduce its carbon footprint. However, the solution needed to make sense from a financial perspective as well as a green one. After reviewing their options, Connolly decided solar energy was the right path.

Solution

Solect Energy Development of Hopkinton installed a 195 kW solar photovoltaic (PV) renewable energy system on the roof of Herb Connolly's Framingham-based Acura and Hyundai dealerships, a 175 kW system on the roof of its Chevrolet dealership and a 40 kW system atop a carport /charging station for its Chevy Volt electric vehicles.

Results

The projects are expected to help the auto group trim its electric bills by more than 50 percent. The systems will offset 333 tons of CO2 annually and generate enough electricity to power the equivalent of 38 homes. The project was made especially attractive by the federal and state incentives available for solar, including a federal tax incentive and SRECs (solar renewable energy credits).