

Large Retail

*DER Opportunity Assessment
Case Study*



Property Type:
Automotive Dealership

Property Size:
57,000 square feet

Property Location:
Massachusetts

Local Utility:
National Grid

Custom Best-Fit Project Recommendations

365 kW Solar PV
100 kW/400 kWh Battery Storage

Optimal Project Ownership Structure

Capital Purchase

Anticipated Annual Savings and Revenue

\$113,600

Anticipated Annual Carbon Reduction

587,000lbs

Customer Opportunity Summary

With ample available roof space for an optimally sized solar PV system, preliminary analysis found that pairing the solar with a battery would yield the maximum benefit for the property. This customer has a portfolio of dealerships and was interested in pursuing a portfolio scale approach that deployed distributed solar at all viable locations.

Unique Customer Motivations:

Opportunity to replicate across portfolio

Operating expense savings

Internal sustainability goals

Resiliency