

CONVENIENCE STORE & FUEL STATION

Rooftop Solar Installation for an Active Convenience Store and Fuel Station



Scope:

- Commercial rooftop solar installation
- Convenience store and fuel station
- Rooftop PV installation
- Module installation
- Electrical interconnection
- Commercial electrical construction
- System commissioning

Project Highlights

- Commercial rooftop solar
- Convenience store
- Fuel station
- Active retail facility
- Commercial electrical contractor
- Massachusetts commercial solar

Project Challenges

Retail fuel stations operate long hours and experience constant customer traffic. Construction activities were carefully coordinated to minimize disruption while maintaining a safe environment for employees, customers, and contractors. The roof layout required detailed planning to maximize solar production around existing rooftop equipment and varying roof planes.

Project Overview

BD Electrical & Solar completed the installation of a commercial rooftop solar photovoltaic system for a convenience store and fuel station in Massachusetts. The project was completed while the business remained operational, requiring careful coordination to maintain safe access for customers and employees throughout construction. The installation included working around multiple roof elevations, mechanical equipment, and active commercial operations while maintaining a clean, professional installation. The completed solar system helps offset the facility's electrical demand and reduces long-term operating costs for the property owner.

Results

The completed solar installation provides clean, renewable energy while reducing operating expenses for the commercial property. This project reflects BD Electrical & Solar's experience delivering rooftop solar systems for active retail businesses where safety, coordination, and quality workmanship are critical.