



Name: PWRR

Location: Worcester, MA

Install Completion: November 2013

Project Size: 66 kW

Panel Type: 60 Cell - 250W

Racking Type: Fixed Tilt - Post Driven
Ground Mount

Terrain: Open Rail Yard

Installation Services: Racking and Module
Assembly

General Contractor: Solect Energy

Project Overview

Solect Energy and Patriot met in late October to discuss the project for Providence and Worcester Rail Road (PWRR). The array needed to be installed before year's end, calling for quick reaction from Patriot Solar Group.

Patriot's inside sales and engineering team worked closely with Solect Energy to design a layout to work with the triangular site boundaries and maximize production of the array footprint.

All ground mount racking material was in stock and ready to ship, which was crucial to meet the project deadline. Patriot's 3-man team of installers completed racking and panel installation in two days.

Why Patriot Solar Group?

- Over 20 years of manufacturing and design expertise.
- Vast amounts of inventory ready to ship. High capacity/high production manufacturing.
- Custom Engineering to meet any design criteria.
- Wet stamp drawings provided at no cost for project sizes 500kW and above.
- Patriot offers site prep and installation services for any size project.
- Renowned customer service and in-field technical support.
- Made in USA – BAA & ARRA Compliant. 10 year structural warranty.

Project Objectives

- Design racking system and site layout to maximize production in limited area.
- Shorten the design to build process by utilizing in stock racking components.
- Install racking and modules in short time frame to leave extra time for commissioning before year's end.

Project Results

- Patriot's engineering team designed the array to work with site constraints and maximized use of footprint.
- Ground mount racking system met all local building codes and customer aesthetic requirements.
- Racking material was delivered to site within a few days of purchase order.
- Installation crew completed racking and panel assembly within two days.