



Name: Southbridge Solar Farm
Location: Southbridge, MA
Install Completion: December 2012
Project Size: 3.4 MW
Panel Type: 60 Cell - 235W
Racking Type: Fixed Tilt - Post Driven & Ballasted Ground Mount
Terrain: Steep Slopes & Rocky Soil
Installation Services: Site Prep, Racking and Modules
General Contractor: Martifer Solar

Project Overview

Patriot Solar Group (PSG) has had a long standing relationship with Martifer Solar, completing over 5MW of projects to date.

For this particular project, Patriot met with Martifer's engineering team at the site location during the summer of 2012. PSG assessed the site conditions to help Martifer design a ground mount array that would work with the challenging terrain and soil conditions.

Project Results

- Racking installation was completed in just over 3 weeks with a crew of 12. This allowed more time for panel installation so Patriot could meet their deadline in December 2012.
- PSG's Installation crew overcame the diverse terrain and soil conditions by using Patriot's patent pending telescoping and adjustable tilt post.

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.

“Patriot worked diligently to complete the racking installation of the project through the coldest and harsh winter months, in less than three weeks. The quality of their team and their ability to adapt to situations that arose during the installation were unsurpassed”

*-Daniel Dus
COO, Martifer Solar USA*

Project Objectives

- Design and engineer racking system to accommodate terrain up to 18 degrees.
- Install post, racking and modules under a demanding timeline for completion.