



Dedicated to Building a Sustainable Future

SOLSTICE PV Mounting System

Advanced Solar Products, Inc.

270 South Main Street

Flemington, NJ 08822

908-751-5818

info@advancedsolarproducts.com

Marlboro Township Municipal Utilities Authority
.90 MW Total – 20 degree tilt – 180 azimuth
.60 MW shown (Tennent Road)



Solstice[®] Mounting System

- Invented by Advanced Solar Products in 2006 for ground and roof-mounted applications. U.S. Patent No. 7,921,843.
- Installed on over 30 projects. High levels of client satisfaction among school, municipal, state, federal, commercial, and utility clients.

| Solstice Installations (in kW DC) | | | |
|--|-----------------------|---------------------|---------------|
| | Ground Mounted | Roof Mounted | Total |
| ASP Installations | | | |
| Completed | 6,836 | 7,004 | 13,840 |
| Pending | 16,200 | 2,300 | 18,500 |
| Outside Sales (Began in 2010) | | | |
| Completed | | | 1,807 |
| Proposed | | | 900 |

Advantages of Solstice mounting system –

- **Low labor requirement.**
- **Flexible design - able to follow contours and take on almost any shape.**
- **Compact – leaves large greenspace buffer or allows greater system size.**
- **No driven posts or foundations for posts – less noise, traffic, and heavy construction equipment to disturb the neighborhood during construction.**
- **Ballasted – no subsurface work, comparatively little change to site, easily removable**
- **Ideal solution for landfills and brownfields.**

Advantages of Solstice mounting system –

- **Support available from the region's most experience engineering team.**
- **Low profile, attractive appearance – less “mechanical” looking, a more architectural appearance - like standing over a sea of blue.**
- **Reduced maintenance**
- **Made in New Jersey – certified under the NJREMI rebate program**

WORKING WITH ADVANCED SOLAR PRODUCTS

- Oldest and most experienced solar company in New Jersey – we know PV like no one else.
- Eight in-house engineers.
- Three licensed professional engineers who practice only solar engineering.
- Engineered and stamped wind resistance design provided with each system.
- Design backed by extensive and ongoing CFD program.
- Complete PV design available – mechanical, electrical, structural, civil, environmental
- Stable, financially strong, committed to New Jersey

U.S. Army, Fort Dix, NJ

1.4 MW total - ground (20-degree tilt) & roof (12.5-degree tilt)



Lawrence Township Schools
1.22 MW total – 12.5 degree tilt



Montgomery High School, Montgomery Twp., NJ
75 KW – 10 degree tilt



Marlboro Township Municipal Utilities Authority
.90 MW Total – 20 degree tilt – 180 azimuth
.30 MW shown



Marlboro Township Municipal Utilities Authority
.90 MW Total – 20 degree tilt – 180 azimuth
.60 MW shown (Tennent Road)



Town of Woodbridge

.82 MW Total – 7.5 degree tilt

.55 MW shown (Community Center)



1.8 MW – Bayonne, NJ



UTILITY-SCALE PROJECTS

3.2 MW – Linden, NJ



Solstice Mounting System

PSE&G Linden Solar Farm, Linden, NJ



Snow and ice on array 18-Jan-2011



Snow melted off modules on 20-Jan-2011



Residential system – Mercer County, NJ, summer 2007



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