

# High Visibility Sunflowers

- **Project**  
Public Service Company of New Mexico (PNM) solar generating facility  
[www.pnm.com](http://www.pnm.com)
- **Location**  
I-25 between Albuquerque and Santa Fe, New Mexico
- **Scale**  
25 kilowatts; about 41,000 kilowatt-hours per year
- **Installer**  
Positive Energy, Inc.  
[www.positivenergy.com](http://www.positivenergy.com)
- **Major Subcontractor**  
Quality Powder Coating  
[www.qualitycoating.com](http://www.qualitycoating.com)
- **Completed**  
May 2006



■ UniRac designed and manufactured a custom sunflower poletop rack for PNM's high visibility installation adjacent to Interstate 25.



■ Phil Crosby, UniRac's Product Development Manager, tests torque at the installation site.

The Public Service Company of New Mexico (PNM) wanted a high visibility PV array to raise public awareness of its new photovoltaic incentive program. It asked UniRac to design and manufacture custom poletop racks with superior aesthetics. They would stand immediately adjacent to Interstate 25 between Albuquerque and Santa Fe, New Mexico.

## Custom cousin to 6-inch PV PoleTops®

UniRac adapted its standard 6-inch poletop rack to fit PNM's aesthetic requirements. We designed and manufactured a 12-foot-tall, 8-inch pole for each of the 22 units. To give them the suggestions of flowers, all racking parts, including the poles, took a powder coating of forest green or yellow. SolarMount® HD (heavy duty) rails and standard bottom mounting clips needed no modification to accommodate the unique module pattern that enhanced the look of flowers.

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■ This custom four-module design requires that PV modules be mounted at 45 degrees to the rails. SolarMount® HD rails and module mounting clips required no modification.

A Positive Energy crew lifts a complete sunflower onto its custom pole. SolarMount® bottom mounting module clips facilitate this preassembly option.



## Encouraging the solar alternative

PNM's photovoltaic program pays residential and commercial customers for solar electricity generation. Meanwhile, New Mexico and federal PV incentives are taking force this year. All help defray the cost of investing in PV energy in New Mexico, where sunshine is abundant. Positive Energy and other installers in the state are gearing up for an expansion of PV installations.

## It's our only business

UniRac Inc. designs and manufactures a variety of mounting structures for PV modules and arrays of any size. It's our only business. Major product lines include SolarMount®, SunFrame®, U-LA™, PV PoleTops®, PV PoleSides™, and SolarMount®/S-5!™. UniRac has distributors throughout the United States, Australia, Canada, and the United Kingdom.

[www.unirac.com](http://www.unirac.com)



THE STANDARD IN PV MOUNTING STRUCTURES™

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