



WHITMAN

Environmental and
Engineering Excellence
from Concept to Completion

Whitman Completes One of the Largest Rooftop Solar Designs!

Whitman recently completed the final as-built plans for a 2.98074 MW Photovoltaic System on the roof of a Matrix building at 45 Stultz Road in South Brunswick, New Jersey. Whitman teamed with Pro-Tech Energy Solutions and Huen Electrical contractors to design the project for PSE&G. The system consists of over 12,684 (235 watt) modules on a ballasted racking system and is connected to five 500 KW inverters. The energy produced is fed directly to the utilities grid. Whitman's role in the project was to provide design and construction services from conceptual stages through project closeout. Whitman's construction documents received Department of Community Affairs (DCA) as well as municipal approval with no impact to the schedule. Whitman's survey team provided much needed rooftop control that ensured that the alignment of the system was maintained over the 1,260 foot long rooftop. The system was completed in 3 short months and will be turned over to PSE&G officially at the end of July.

The following statistics are a result of this system:

- 2.281 metric tons of CO2 avoided
- Equivalent of powering 225 homes for a year
- Avoided greenhouse gases from 447 vehicles
- Equivalent to CO2 from 255,717 gallons of gasoline consumed
- 22.6 acres of forest preservation

For more information, contact **Whitman Director Carey Ruetsch** at cruetsch@whitmanco.com or (732) 390-5858.



Rooftop Solar Photovoltaic System at Project Site

About Whitman

Founded in 1985, Whitman is New Jersey's premier engineering and environmental firm, comprised of the industry's leading professionals. The East Brunswick, N.J.-based company offers turnkey environmental, engineering, and mechanical, electrical and plumbing (MEP) services, as well as renewable energy design and feasibility services. Whitman continues to grow into new and diverse markets, providing expertise to the private and public sectors, including all levels of federal, state and local governments, as well as a variety of public authorities.