

CLIENT

**KEARNY BOARD
OF EDUCATION**

LOCATION:
Kearny, NJ



CONSTRUCTION VALUE:
\$4.3 Million

DESIGN START:
2005

DESIGN COMPLETE:
2005

**CONSTRUCTION
COMPLETE:**
2006

SCOPE OF WORK

Consultant for PV Array Design

PROJECT DESCRIPTION

A & J was retained by the Kearny Board of Education as Consultant for four (4) Photovoltaic (PV) Arrays for four schools in Kearny, New Jersey. A total of 28 Arrays were evaluated based on efficiency with reference to proposed layout, cost of the total installation and availability of the PV Modules and Inverters. RWE Schott 300 Watt, 5-degree tilt Modules were selected. The layout provided 8.0 WDC per square foot connected into the utility grid. The total cost of construction of \$4.3 million for the four schools was paid in full by the Board of Public Utilities (BPU) and the New Jersey School Construction Corporation (NJSCC).



89 KW Photovoltaic Array at Garfield School



207KW Photovoltaic Array at Lincoln School



137KW Photovoltaic Array at Schuyler School