
PASSION “Only passions, great passions, can elevate the soul to great things.”
-Denis Diderot

PHOTOVOLTAIC POWER PRODUCTION FACILITIES

University 151 kWp DC Photovoltaic System



TRC provided engineering, design and construction administration services for a recently constructed 151 kWp-dc grid tied rooftop photovoltaic power production facility installed on top of an existing building at a major University in the Southwest. The system was constructed by APS Energy Services and includes 735 Kyocera KD205GX-LP modules connected to (2) Satcon 75 kW Powergate inverters. The project delivery method was design-build under tight design and construction time-line constraints.

Ongoing Project Pursuits



TRC recently completed conceptual engineering and design totaling approximately 38 MWp AC for several photovoltaic power production facilities slated for construction. Numerous systems are employed in the conceptual designs including single axis trackers, ground mounted fixed arrays, covered parking structures and roof mounted ballasted systems. Keeping the best interest of the system owner/operator's in mind, careful consideration was given to the parameters of construction schedule, construction cost, reliability, efficiency, safety, and cost of ownership.