




DESIGN
ENGINEERING
CONSTRUCTION

COMMERCIAL
RESIDENTIAL
UTILITY



Radiance Solar is a leading Engineering Procurement Construction (“EPC”) contractor specializing in the Design, engineering, installation and maintenance of solar energy systems.





Our Mission is to bring reliable solar energy within the reach of every electricity user through a relentless commitment to efficient design, aggressive procurement, and innovative construction techniques.



In-House Capabilities

- Solar Energy Consulting
- System Design and Engineering
- Construction and Integration
- Monitoring
- Operating and Maintenance



Proven Leadership

110+ completed projects

22 projects for GA utilities


Awarded \$2.8 million grant from DOE (with Suniva and GA Tech) to develop new balance of systems products.

Key partnerships with recognized industry leaders

Expertise across all aspects of evolving solar industry

Multiple repeat customers





Our Strategic Approach is to design and engineer the most efficient and cost-effective systems that address the unique challenges and opportunities of each project.



Our Partners



Customers

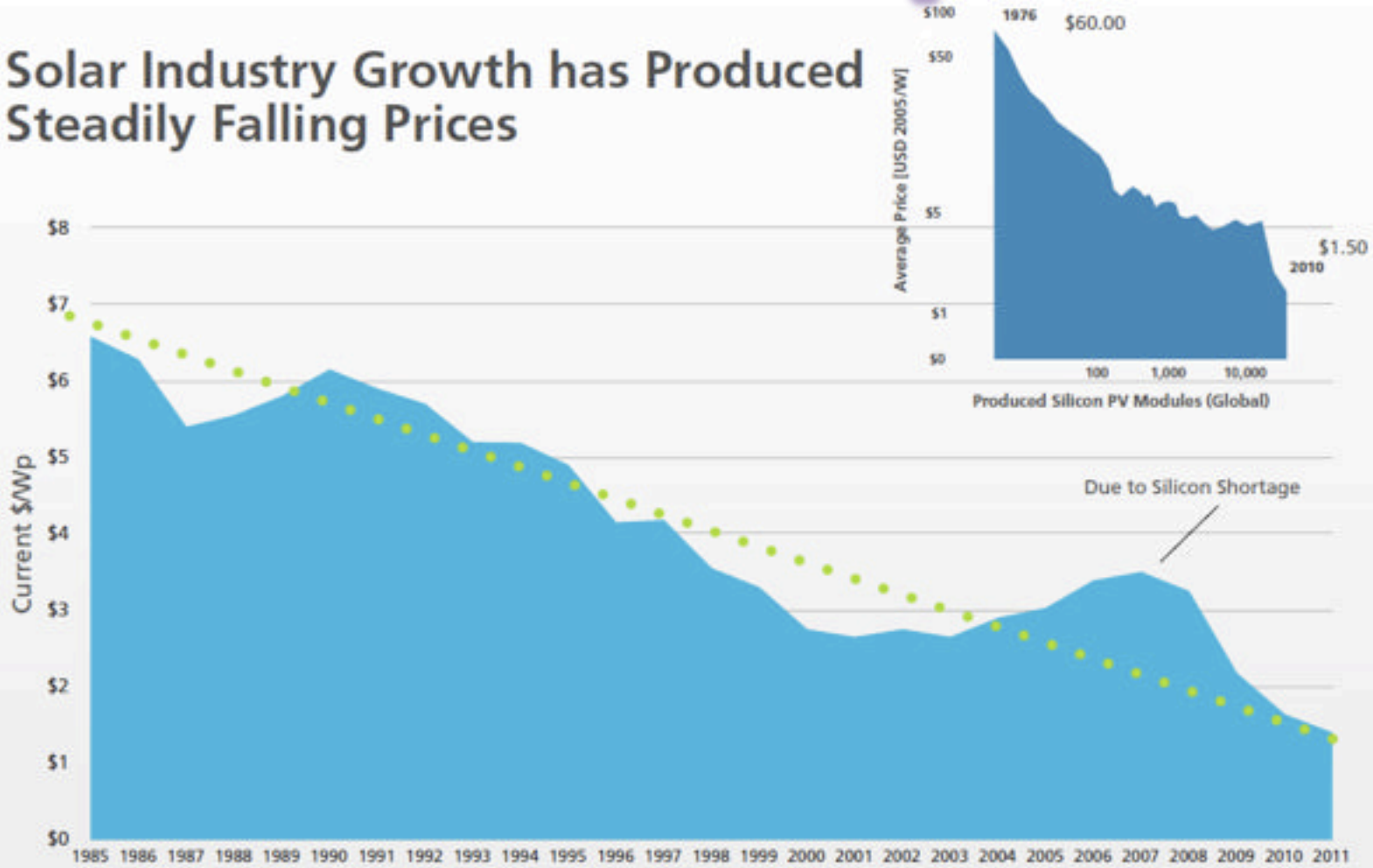


CONSTRUCTION SERVICES LLC



Ferocious Price Drops

Solar Industry Growth has Produced Steadily Falling Prices



Module Pricing Trends 1985-2011

Solar Incentives

Federal Investment Tax Credit 30%

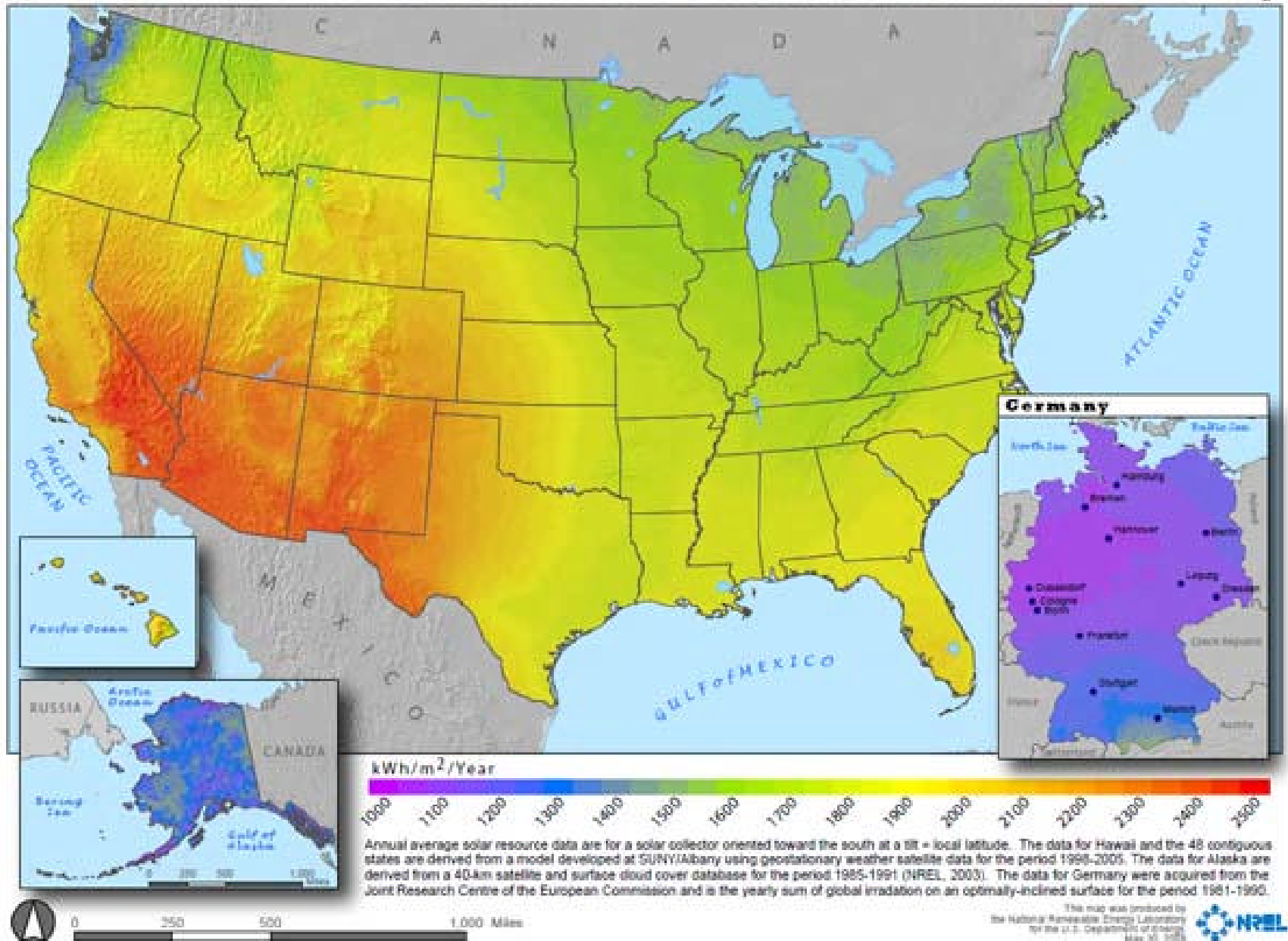
Bonus Depreciation

Green Power Programs

Solar is approaching Grid Parity



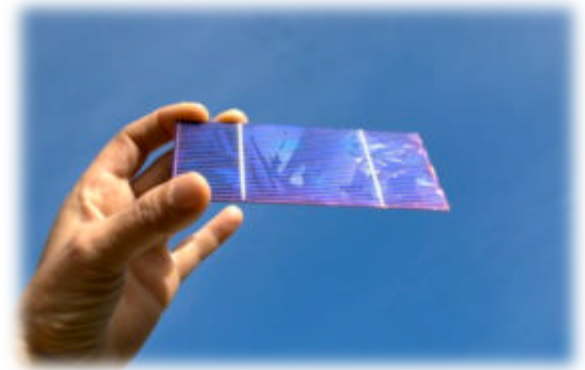
Photovoltaic Solar Resource : United States and Germany



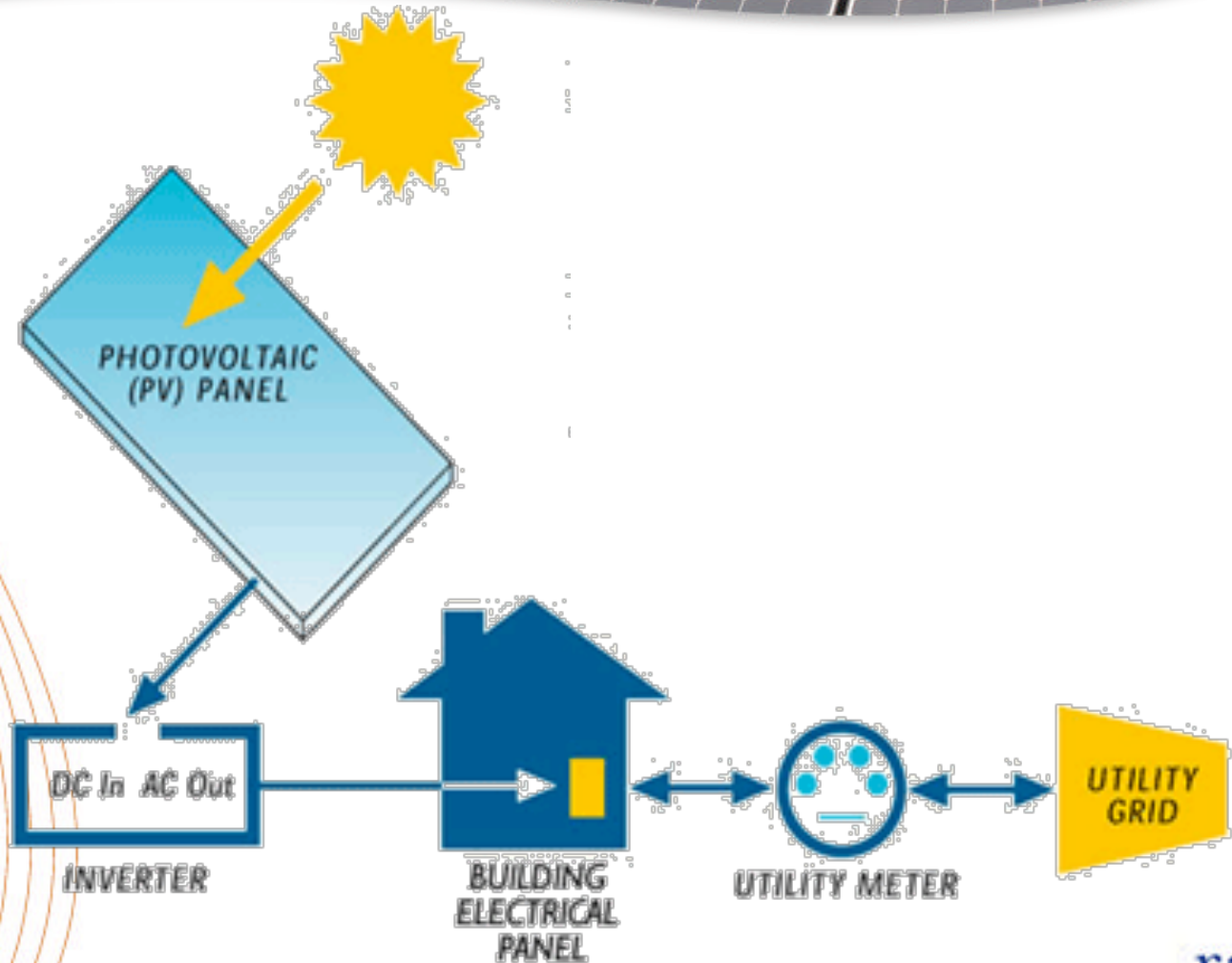


Benefits of Solar

- ❖ Reduced Energy Expense
- ❖ ROI, IRR, NPV
- ❖ Reduced Environmental Impact
 - ❖ CO₂, SOX, NOX, Mercury
- ❖ Water Savings (3 gallon per kWh)
- ❖ Green Marketing Benefits
- ❖ Employee Morale
- ❖ LEED Points



Solar Photovoltaic – Grid Tied





Solar Products

SunPower Solar Cell



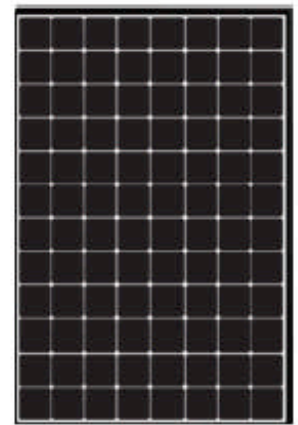
225 W Panel



230 W Panel



315 W Panel



SunTile®



PowerGuard®



T5 Roof Tile



T10 Roof Tile



T0 Tracker



T20 Tracker





100 kW Decatur Self Storage





1 MW Electrical Project





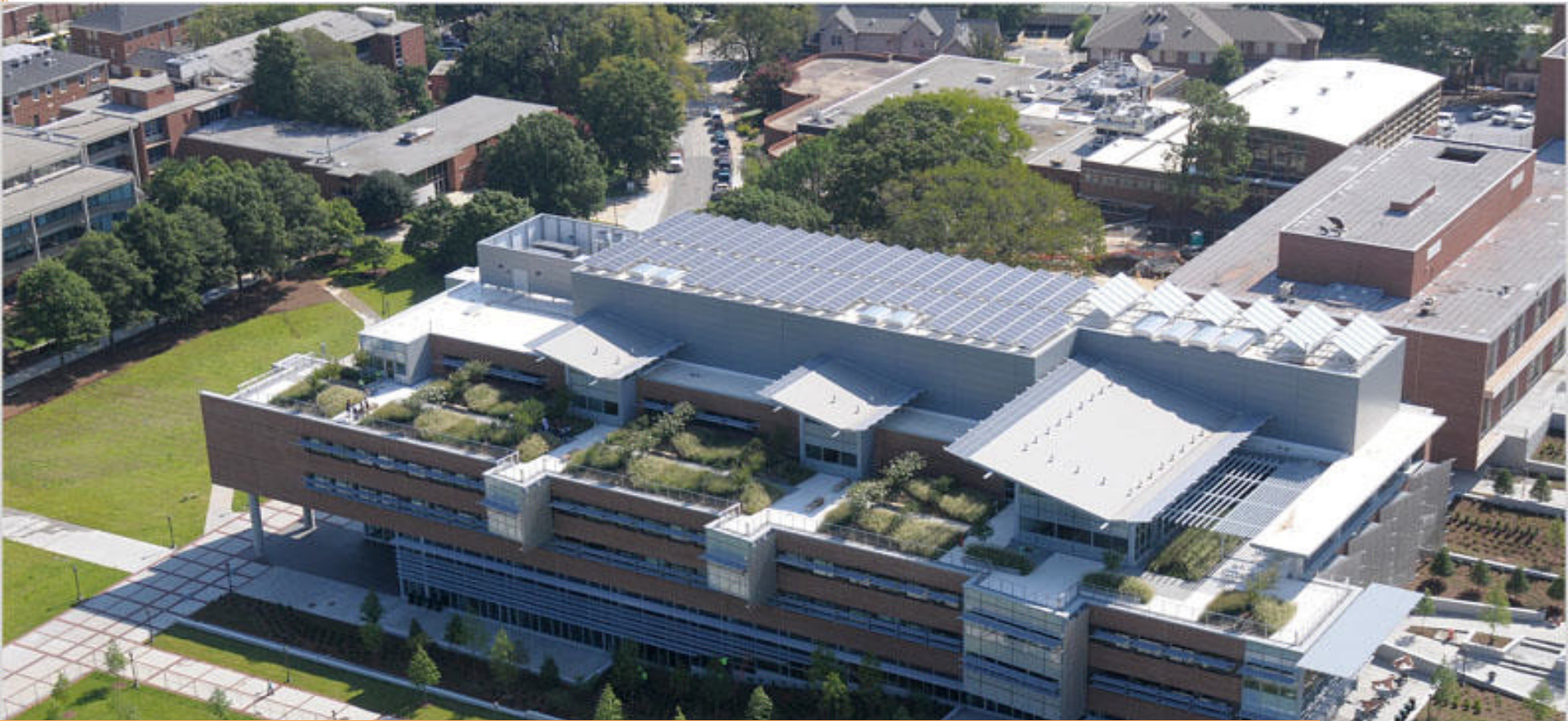
Rocky Creek 1 MW Ground Mount



Clough Student Center



\$90 Million sustainable facility build with Turner Construction



86 kW Solar Thermal System
358 Suniva 240 W modules on proprietary mounting system
30 AET solar hot water collectors with 3,500 gallon storage tanks

Aquafil

Cartersville Georgia Textile Plant



400 kW PV System, Satcon 500 Inverter
1572 Suniva 260 W modules on standing seam roof mounting system

East Decatur Station

One of Georgia's largest commercial roof top solar PV systems



SunPower T5 318 W ballast mounted panels
Schuco 220 W ballast mounted panels
SMA Sunny Tower Inverters

147 kW PV System

National Bus Sales



100 kW PV System

380 Suniva modules

8 Fronius 12kW Inverters

Connected to Marietta Power

Kennedy Business Center

Warehouse Roof Mount Array

100 kW PV System
450 Schuco 220 W panels
11 SMA Sunny Boy 7000 Inverters
Connected to Sawnee EMC





**Radiance Project:
EcoLumina Showcase Home**

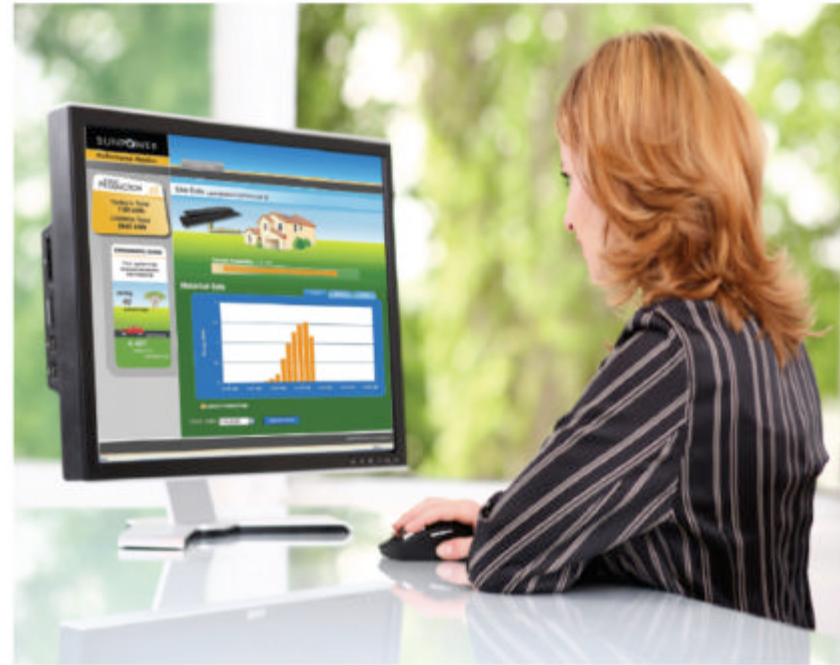




Radiance Project: Persimmon Creek Vineyards



Monitoring



Monitoring

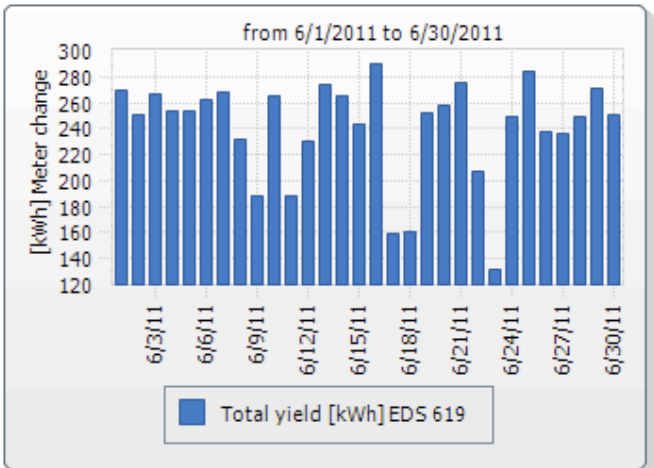
- Plant Selection >
- EDS 619
- Plant Profile
- Energy and Power
- Annual Comparison
- Plant Monitoring
- System Logbook: 2
- Visualization >
- Plant overview
- Energy and power
- Specific yield
- > Report (2)
- > Devices (6)
- Configuration >
- User Info/Logout >

- Plant overview
- Page Configuration
- Help

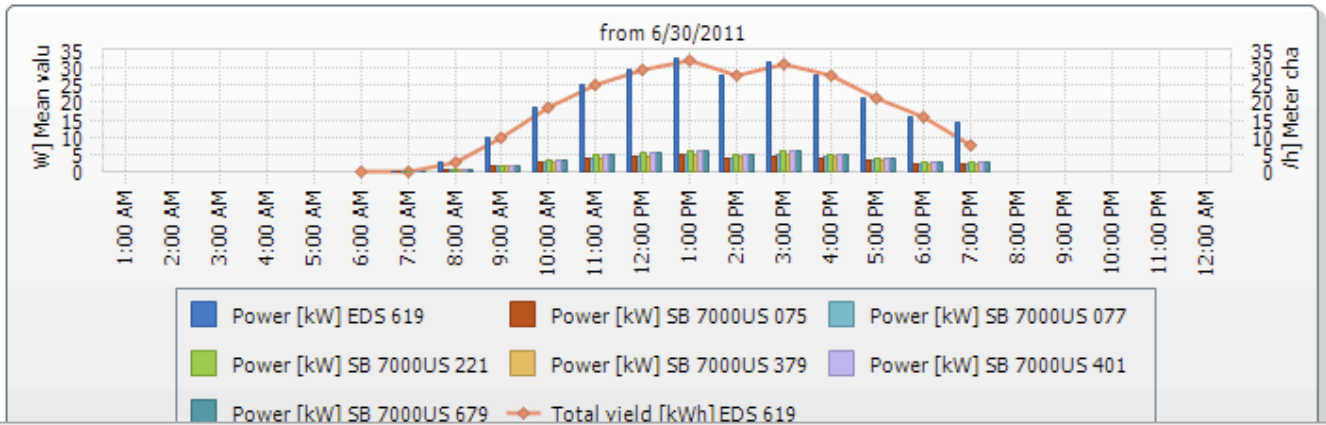
Date: 6/30/2011
 Energy: 33,189.50 kWh



CO2 avoided:
 51,219.22 lbs



6/1/2011 - 6/30/2011



Inverter



Inverters



SMA Central Inverter





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