



# *SOLON Solar Solutions for Schools.*

Clean Power. Ready to Use.

- › **Reliable Operation:**  
High performance, long lasting
- › **Sustainable Power:**  
Clean electricity, environmental preservation
- › **Educational Resource:**  
Promoting solar viability and the advancement of renewable technology
- › **Influencing Tomorrow:**  
Providing positive contributions to local communities for a better future

The Core of our Solutions:  
SOLON Panels and EPC expertise

# The Secret to high yields. Experience and expertise.

Solar PV helps significantly reduce electricity bills while contributing to a cleaner environment which can provide many benefits for schools.

## Benefit from strong incentives.

Local and federal state incentives enable solar to be a viable energy source. Local incentives can pay up to 50% of a solar electric system cost.

## Environmental leadership.

Solar PV captures the energy provided by the sun and transforms it into electricity, reducing carbon footprint and significantly contributing to a cleaner future.

## Educational resource.

Leading the shift to solar, schools can make a difference by raising youth's interest in future technologies and showcase awareness for sustainability.

## Energy independence.

Leading the shift to solar, schools can make a difference by raising. In the US, there's tremendous uncertainty as to how energy prices will fluctuate in the future. But one thing is for sure: the cost of solar is constant as the rates are locked today for the next 20–30 years. Supplementing the power portfolio with solar today is an ideal way to reduce dependence on traditional electricity sources and hedge against the unpredictable rising cost of electricity.

## Reliability.

Solar PV is a mature technology with a lifetime of over 30 years. The system has no moving parts and will operate unattended requiring minimal periodic maintenance.

## Business Case Study.

### Los Angeles Solar School Installation

Product	SOLON Blue 270/09
Nominal output	1.0 MW
Alignment of panels	20 degree tilt
Calculated 1 <sup>st</sup> year output	1,584,000 kWh
Incentive*	1,584,000 kWh x 20 x 0.9 x \$ 0.12 = \$ 3,421,440
1 <sup>st</sup> year saving on electricity <sup>(1)</sup>	\$ 221,750
20 year saving on electricity <sup>(2)</sup>	\$ 6,950,000
1 <sup>st</sup> year CO <sub>2</sub> Reduction <sup>(3)</sup>	1137 metric tons



<sup>(1)</sup> For further information compare  
Los Angeles Department of Water and Power  
(LADWP) Solar Program, Revised 2/09

<sup>(2)</sup> Assumptions: Average cost of electricity: \$0.14/kWh

<sup>(3)</sup> Based on data of EIA  
(Energy Information Administration)