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# Soquel High School



Soquel High School, a public high school serving 1200 students in Soquel, CA, had two main motivations for using the sun for electricity. First, financial incentives in California allowed the school to save money immediately. Second, going green was in line with the mission of the school to



encourage students to responsibly contribute to society. The school set an example of social responsibility and was able to show the economic and environmental impacts of solar power. The solar array at Soquel High School is the largest solar PV project in Santa Cruz county and one of the largest school projects in California. The system is expected to produce approximately 40% of the school's electricity.

For students and teachers the solar installation offers a hands-on learning experience in social, economic and environmental responsibility.

## System:

315 kW roof mount PV system

## System Components:

1800 Suntech Solar Panels

1 Solectria 82 kW Inverter

2 Solectria 60 kW Inverters

10 SMA SunnyBoy Inverters

UniRac Solar Mount



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