



SIKA CORPORATION CASE STUDY

Sika Corporation, a leading supplier of specialty chemical products, installed a 345kW Kingspan Energy solar photovoltaic system on their manufacturing facility in Lyndhurst, NJ, in July 2011.

PROJECT SUMMARY

Sika Corporation is headquartered in Lyndhurst, NJ with nine manufacturing facilities throughout the country.

Sustainability is a key component of the company's innovation drive, strongly focused on promoting environmental stewardship. The company considers the efficient use of energy to be of high importance.

Sika sees its responsibility with regards to climate change in reducing energy consumption from non-renewable sources and increasing the share of renewable energy in the resource mix.

Kingspan Energy's installation of a 345kW solar system on Sika's manufacturing facility in Lyndhurst represents a big step in this direction.



SYSTEM PERFORMANCE

Sika's solar system consists of 1,500 PV panels installed on a new High Energy Smart Roof. It will produce clean renewable energy, generating approximately 395,000kWh of electricity per year.

This will help Sika offset a large portion of its electricity usage and reduce its carbon footprint over the 25 year term of Power Purchase Agreement.

Powered by two separate central inverters (Sollectria), the system will also save CO₂ emissions in equivalent to 33,000 gallons of gasoline per year.

Sika's solar system has been awarded renewable energy SREC credits.



PROJECT CARD

Building owner: SIKA Corporation US

Location: Lyndhurst, NJ

System size: 345kW

Roof space coverage: 50,000 sq ft

Project type: New Build

Industry sector: Manufacturing

Financing: PPA & SREC

Completion date: July 2011

Installation time: 60 days

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