



CASE STUDY : O&M

How Kinect Solar helped a global independent power producer restore power to a large solar farm after severe weather damage

When a once-in-a-lifetime violent hail storm decommissioned more than one-third of the solar panels at a solar farm in the southwestern United States, the farm’s owner and operator turned to Kinect Solar to source a large quantity of replacement panels.

49 MW

Total panels sources

\$250 Million

Capital investment protected

THE CHALLENGE

Source a large volume of legacy solar panels

The 1,500 acre solar farm includes more than 650,000 solar panels in a 72-split cell, 2x1m format. That format is no longer in regular production.

Though the owner-operator maintained the recommended number of spare parts for repairs and maintenance, the extensive hail damage rendered more modules unusable than could have been forecasted. They needed more than 120,000 additional solar modules to return the farm to full capacity.

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CUSTOMER SNAPSHOT

- Developer, operator, financier of utility-scale renewable energy projects
- Global Fortune 500 Company
- > 10GW solar portfolio



Kinect Solar procured all modules needed without requiring equipment upgrades

Kinect Solar has an extensive industry network, including relationships with thousands of manufacturers, developers, and independent power producers. Thanks to this positioning and specialization in the secondary solar market, Kinect Solar experts were able to quickly locate replacement solar panels that were compatible with the solar farm's existing inverter blocks.

Critically, this allowed the system to be repowered without requiring new inverters. Upgraded Specialty quality control satisfied the financier and insurance requirements

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Additionally, Kinect Solar facilitated electroluminescence (EL) imaging on a sample of the panels as well as multiple visual inspections and flash testing. These quality control measures at both the origin warehouse and during shipment to the project site, met the due diligence requirements in place for the owner-operator to protect the original \$250 million capital investment.

Solar Expertise

In-house technical experts with years of solar construction experience and unmatched solar product knowledge.

Flexibility and Speed

Proven, customizable solutions that can be implemented quickly and scaled as needed

Commitment to Quality

Highest quality standards in the industry with a track record of on-time deliveries and industry-low damage rates.

About Kinect Solar

Kinect Solar has been pioneering B2B solutions for large-scale solar manufacturers and developers in the US solar market for more than a decade, with managed solar service solutions tailored to today's fast-paced solar industry. Contact us today to learn more about our full suite of capabilities.

Contact us at sales@kinectsolar.com.