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INVERTER FAULT RESOLUTION

Troubleshooting Common Utility-Scale Inverter Issues

Common inverter fault codes represent specific operating conditions or system events that can interrupt performance and impact uptime if not properly understood. This webinar examines a range of commonly reported XGI inverter faults, explaining what each code indicates and the conditions that may trigger faults, and outlines the diagnostic tools and equipment technicians are expected to bring on site to support efficient troubleshooting. Applying a structured, root-cause approach reduces downtime and improves response efficiency. Participants will gain a clearer understanding of XGI inverter architecture, learn how to apply the appropriate diagnostic tools, and develop the ability to identify, evaluate, and resolve common XGI faults with greater consistency and field readiness.

Since joining the solar industry in the fall of 2008, Jeff has been involved in solar advocacy on the federal and Virginia state levels and has held business development roles with several manufacturers ranging from the residential to the utility scale sectors. He joined Yaskawa Solectria Solar in November 2024. Jeff received the NABCEP Technical Sales certification the first year it was offered. He graduated from Virginia Tech earning a business degree with a focus on Finance.



Ryan Plucinski
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Ryan has worked as a technical support engineer at Yaskawa for three years. He graduated from Illinois State University with a degree in Renewable Energy and Sustainability in 2021. His first job out of school was as an array designer with Sunpro Solar Energy Specialists.



Josias Robles
Technical Support Engineer
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Josias has worked as a technical support engineer at Yaskawa for nearly three years after graduating from the Technological University of Durango as a Renewable Energy Engineer. He is certified in the Residential and Commercial Design of Photovoltaic Systems. He also previously served an internship at a printing company in Mexico City where he oversaw the design of a solar system for the facility, and proposal of implementing an energy management system.

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MAR 26, 2026
11AM CST



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DID YOU KNOW?

...most troubleshooting calls on startup are due to incorrect wiring.

... hovering over the inverter faults can allow the customer to pinpoint the specific component or area that can be causing the fault.

2026 SCHEDULE

**WORKING SAFELY AROUND
SOLAR INVERTERS**
May 28 / 11am CST

**ONE BUS, MANY BENEFITS:
DEMYSTIFYING DC COUPLED SYSTEMS**
July 30 / 11am CST

TOPIC SESSION ANNOUNCED SOON!
September 24 / 11am CST

TOPIC SESSION ANNOUNCED SOON!
December 3 / 11am CST