RECHARGE WITH SOLECTRIA
WEBINAR SERIES

ONE BUS, MANY BENEFITS:

Demystifying DC-Coupled Systems

DC coupled solar plus storage is reshaping how we design and deliver clean energy. This session breaks down the essentials: what DC coupling is, how it differs from AC coupled systems, and why it matters now. Attendees will learn the technical foundation — from system components and inverter functionality to design considerations. The session emphasizes how DC coupling can reduce overall conversion losses and extends overall system runtime. Although this session will focus on utility scale topology, the principles apply broadly — whether for residential, commercial, or utility scale projects, this presentation equips participants with the knowledge to embrace the next generation of solar + storage.

- What is DC coupling and how does it differ from AC systems?
- Why is DC coupling aligned with interconnection limits and utility-scale needs?
- How do PV, batteries, and converters interact on a shared DC bus?
- How does DC coupling extend runtime and increase usable energy?
- What design factors matter most for DC-coupled system performance?
- What should you consider when sizing PV and battery capacity?

REGISTER TODAY!

LEARN • ASSESS • APPLY

DID YOU KNOW?

Mismatched PV to battery ratios can reduce system performance, while balanced sizing unlocks longer runtime and higher energy capture.

JOIN US
JULY 30, 2026
11AM CT

REGISTERED PROVIDER NABCEP CONTINUING EDUCATION

Registered Attendees will earn 60 MINUTES of CEUs!
Must attend live for the entire webinar, certificate sent once complete.

RECHARGE SPEAKERS

Jeff Ryan
Regional Sales Manager, Southeast & Mid-Atlantic
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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.

Gwendoly Espe
Product Manager
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With over 14 years of industry experience, Gwendoly Espe brings a deep passion for solar and energy storage. She holds a Bachelor of Science in Mechanical Engineering from the University of Washington and has built extensive expertise across the solar sector. Her career spans design, technical, and commercial roles with companies like Genie Industries and OutBack Power, working on electrified construction equipment, off-grid residential systems, and large-scale applications. Since joining Yaskawa Americas Inc. in 2021, she has advanced energy storage support and training. Now a Product Manager, she leads the XGI 1500 family and energy storage solutions.

2026 SCHEDULE

TOPIC SESSION ANNOUNCED SOON!
September 24 / 11am CT

TOPIC SESSION ANNOUNCED SOON!
December 3 / 11am CT

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