

Monday, March 18, 2024

Conference Schedule

12:00 PM to 6:00 PM	Exhibitor Move In
10:30 AM to 7:00 PM	Registration Opens
2:30 PM to 4:45 PM	Ignite Sessions Room 302 A,B,C Sponsored by Rolls Battery Engineering
5:00 PM to 5:45 PM	"Meet and Greet" Sponsored by Fronius USA - Room 304
6:00 PM to 7:00 PM	Opening Keynote Speaker - Room 302 A,B,C - Sponsored by: BayWa r.e.
7:00 PM to 9:00 PM	Welcome Reception - Room 300-304 Room Foyer Sponsored by BayWa r.e.

CLASSROOM	Room 305A	Room 305B	Room 306A	Room 306B&C
Monday 12:15PM to 1:15PM	Designing and Installing Enphase Commercial Systems with the New IQ8-3P Three-phase Microinverter Enphase Energy ●●●●	Drones to Designs: Hands-On Training for an Optimized PV Workflow Scanify, Inc. ●●●●	Quality, Speed, AlphaSeal™: Live Demo of Rail-Less PV Mounting! Roof Tech, Inc. ●●●●	Mastering UL 3741: Enhancing Commercial Solar Safety SMA America and Unirac, Inc. ●●●●●●
Monday 1:15PM to 2:15PM	Design and Installation of the Enphase 3.0 Energy Storage System with 5P Battery Enphase Energy ●●●●●	Continued ●●●●	Continued ●●●●	Continued ●●●●●●

Tuesday, March 19, 2024

8:00 am - 4:00 pm CONFERENCE REGISTRATION

8:00-8:55 am BREAKFAST BUFFET- BALLROOM A, B, C Sponsored by: Emerald Sponsors

8:00-8:55 am VETERAN'S APPRECIATION BREAKFAST - Breakfast Buffet - Room 304 Sponsored by: Diamond Sponsors

CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
9:00-10:30 am	Building a Tech-Driven Site Survey & Maintenance Program Scanify, Inc. ●●	PV String Inverter Architectures for Every Customer with Solis Solis Inverters ●●●●	Off-grid Living with SimpliPHI Batteries Briggs & Stratton Energy Solutions ●●●●●●	Two Overlooked Functions in PV Grid Supported Inverters Sungrow USA Corporation ●●●●	New Methods for Installing Commercial and Residential Energy Storage Systems Pytes (USA) Energy, Inc. ●●●●	Building a Software Stack to Support Growth: From Sales to Operations Bodhi ●●●●●●	Best Practices and Proper Installation Techniques for Connectors, Bonding, Grounding, and Wire Manag Burdmy/Wiley ●●●●●●●●	PV Mounting with AlphaSeal™: Codes & Best Practices Roof Tech, Inc. ●●●●●	Optimal Design for Commercial PV Systems with 208 VAC Interconnections SMA America ●●●●●●	Know Your Code: Solar Roof Mounting IronRidge ●●●●●

10:30-11:00 am MORNING BREAK Ballroom A, B & C Sponsored by: Gold Sponsors

CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
11:00-12:30 pm	Selection, Sizing, and Charging for Deep Cycle Lead-acid & LiFePO4 Lithium Battery Technologies. Rolls Battery Engineering ●●●●●	Energy Storage with Modular DC Optimization — Future Proofing your Energy Storage Solutions PointGuard Energy ●●●●●	The Versatility of AC-Coupled Energy Storage APsystems ●●●●●●	Understanding Insulation Resistance Testing for PV Systems Megger ●●●●●●●	Designing with the SPAN Panel SPAN ●●●●●●●	Dual Panel Microinverters; Best Practices for Site Design and Installation Northern Electric & Power (NEP) ●●●●	Commercial Flat Roof PV Racking: The Impact & Application of UL 3741 Unirac, Inc. ●●●●●●●●	Smart Installations, Smart Storage — All You Need to Know About Whole-Home Smart Energy Panels Fortress Power ●●●●●●●	Beyond Net-Metering: Maximizing Residential and Commercial ROI with Sol-Ark Sol-Ark ●●●●●●●	Success not Woes: How and When to Say No to Bad Business BayWa r.e. ●●

12:30-2:00 pm NETWORKING LUNCH Ballroom A, B, C Sponsored by: Ruby Sponsors

CLASSROOMS	Room 301 A&B	Room 302 A&B	Room 306 A&B	Room 402
2:00-4:00 pm	PV System Operations and Maintenance (O&M) Sponsored by Fortress Power Moderator: Brian Mehalic (Solar Energy International) Invited Panel: Piper Wilder (60Hertz Energy) Robby Plenge (Carolina Solar Services) Taylor Davis (Strata Clean Energy) Karo Fernandez (AES Clean Energy) ●●	Pulling Back the Curtain — Wind, Snow, and Product Warranties Sponsored by SolarInsure Moderator: Marc Lopata (Solar Island Energy) Invited Panel: Dustin Haddock (S-51) Dean Chiaravallotti (Solar Insure) Andrew Marker (Vector Structural Engineering) ●●●●●	ESS Code Forum: Updates in Electrical, Fire and Building Code Sponsored by Conductor Solar Moderator: Jeff Spies (Planet Plan Sets) Invited Panel: Jason Fisher (SPAN) Charles Plicard (Schneider Electric) ●●●●●●●●	Installer Crew Onboarding: Safety and Installation Training Programs Sponsored by Array Technologies, Inc. Moderator: Johan Aifsen (K2 Systems) Invited Panel: Nick Matthes (MREA) Karl Stupka (NC Solar Now) Michael Obuchowski (GME Supply Co.) ●●●●●

4:00-4:30 pm AFTERNOON BREAK Ballroom A, B, C Sponsored by: Gold Sponsors

CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
4:30-6:00 pm	Energy Storage Systems in the NEC & Fire Codes Mayfield Renewables ●●●●●●●●	Exploring the Incentives of the Home Storage Battery System Pylon Technologies Co., Ltd. ●●●●●●●	Low-Slope Commercial Rooftops: The Hidden Pitfalls of Solar Design and Installation OMG Roofing Products ●●●●●	Microgrid Configurations & Controls for C&I Projects Ageto Energy ●●●●●●	Interpreting the I-V Curves of PV Circuits — Common causes of the I-V curve deviations that reduce the output of PV arrays. Fluke ●●●●	Troubleshooting Lithium Batteries Discover Energy Systems ●●●●	DC Charging Systems Midnite Solar ●●●●●	Smart Load Management using PWRManager Generac ●●●●●	Rail-Less Solar on Metal Roofs: Wire Management & Best Practices S-5! ●●●●●●●	Integration Series Charge Controller System Commissioning Morningstar Corporation ●●●●

6:00 - 8:30 pm NETWORKING DINNER/RECEPTION Ballroom A, B, C Sponsored by: Diamond Sponsors

● = NEC "National Electric Code" ● = Building and/or Fire Code (BFC) ● = PVIP ● = PVIS ● = PVDS ● = PVTS ● = PVCMS ● = ESIP ● = PVS1

Wednesday, March 20, 2024 Conference Schedule

8:00 am-4:00 pm REGISTRATION OPEN										
8:00-8:55 am BREAKFAST BUFFET Ballroom A,B,C Sponsored by: Emerald Sponsors										
8:00-8:55 am DEI EMPOWERMENT BREAKFAST ROOM 304 Sponsored by: Diamond Sponsors										
CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
9:00-10:30 am	PV Design Precision: Drones, Data, & Photogrammetry Scannify, Inc.	How to Empower Your Business with Commercial & Industrial Battery Storage Pylon Technologies Co., Ltd.	DS3 Microinverters: Maximize Your Power & Profitability APsystems	Increasing Residential Canopy and Ground Mount Profitability Solar Foundations USA	Energy Management Concepts for a Changing Grid Lumin	Installing Lithium Batteries – Best Practices Discover Energy Systems	K2 Pro: Solar Roofing and Mounting Best Practices K2 Systems	Finance Options that Facilitate PV Sales and the Underwriting Standards that Underpin Success Sol-REIT	Solar Ground Mounts: How and When to Change the Foundation Design PLP (Preformed Line Products)	Whole Home Electrification: Eliminate Your Customer Acquisition through Repeat Business BayWa r.e.
10:30-11:00 am MORNING BREAK Ballroom A,B,C Sponsored by: Gold Sponsors										
CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
11:00-12:30 pm	Ongoing Maintenance & Advanced Troubleshooting for Lead-Acid and LiFePO4 Lithium Batteries Rolls Battery Engineering	Harnessing the Future: Yotta Energy's SolarLEAF Distributed Energy Storage Solution Yotta Energy	Energy Storage Solutions and Applications for C&I, Utility, and Residential Projects Chint Power Systems	Improve Your ROI with Holistic Project Planning Schletter NA, Inc.	Navigating NEC 690 Fronius USA	DC Disconnects and Isolators: Where They are Needed & How to Size IMO Automation	Commercial Applications: Design and Install for Success with Tigo Tigo Energy	2023 NEC Notable Changes: PCS and Load Control Benefits FranklinWH Energy Storage, Inc.	I Love the Sun, Here's How To Make It Work Smarter: Understanding the SMA Home Energy Solution SMA America	Simplify Residential Energy Storage Installation Blue Planet Energy
12:30-2:00 pm NETWORKING LUNCH Ballroom A,B,C Sponsored by: Ruby Sponsors										
CLASSROOMS	Room 301 A&B		Room 302 A&B			Room 306 A&B		Room 402		
2:00-4:00 pm	ESS – Monetizing Value and Managing Customer Expectations Sponsored by Sol-Ark Moderator: Ezra Auerbach (Dragonsun Consulting) Invited Panel: Marc Lopata (Solar Island Energy) Liam O'Brien (Sol-Ark) Steve Kalland (NC Clear Energy Technology Center) Greg Smith (Tigo Energy)		Accountability: Solar Inspections for Solar Industry Integrity Sponsored by SolarReviews Moderator: Kyle Bolger (60 Hertz Energy) Invited Panel: Kate Collardson (Ormidian) Rudy Saporite (IBTS) Will White (Fluke) David Peñalva (HelioVolta)			Energy Management Systems and Interconnection Methods Sponsored by BayWa r.e Moderator: Jeff Spies (Planet Plan Sets) Invited Panel: Casey Fitzwater (Lumin) Dylan Rup (Savant) Khanti Munro (ConnectDER)		PV Code Forum: Updates in Electrical, Building and Fire Code Sponsored by Unirac, Inc. Moderator: Rebekah Hren (IPPNC LLC) Invited Panel: Jason Fisher (SEIA) Dustin Haddock (S-51) Bill Brooks (Brooks Engineering)		
4:00-4:30 pm AFTERNOON BREAK Ballroom A,B,C Sponsored by: Gold Sponsors										
CLASSROOMS	Room 301A	Room 301B	Room 302A	Room 302B	Room 302C	Room 305A	Room 305B	Room 306A	Room 306B	Room 306C
4:30-6:00 pm	How to Develop Winning Solar & Storage Designs & Sales Proposals, in Minutes Enact Systems	Off Grid Sizing, Best Wiring Practices, and Programming Victron Energy	Whole-Home Backup Featuring the Sol-Ark 15k and SimpliPHI Batteries Briggs & Stratton Energy Solutions	NEC Considerations for Improved Home Backup Load Management with ESS LG Electronics USA	Deka Duration Training MK Battery	Rapid Shutdown 3.0; Safety, Performance, Module Level Data - Site Design and Installation Northern Electric & Power (NEP)	Roof Attachments: Testing Methods, Certification & UL 2703A Unirac, Inc.	Mastering EP Cube Installations: Paving the Way to Residential Energy Solutions Excellence Canadian Solar	Energy Storage and Fire Code: Exploring NFPA855 and UL9540 for Residential and Commercial Sol-Ark Projects Sol-Ark	Know Your Code: Solar Roof Mounting IronRidge
6:00 - 8:30 pm NETWORKING DINNER/RECEPTION Ballroom A,B,C Sponsored by: Diamond Sponsors										

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Thursday, March 21, 2024

Conference Schedule

7:45-8:25 am BREAKFAST BUFFET Ballroom A,B,C Sponsored by: Emerald Sponsors				
8:00-10:00 am CONFERENCE REGISTRATION				
7:45-8:25 am PIONEERS OF SOLAR BREAKFAST BUFFET Room 304 Sponsored by Diamond Sponsors				
CLASSROOMS	Room 301 A&B	Room 302 A,B,C	Room 306 A&B	Room 402
8:30-10:00 am	PV System Operations and Maintenance (O&M) Sponsored by APsystems Presented by Brian Mehalic (Solar Energy International) and Alex Jahp (Solar Energy International)	Code Requirements for PV Installations from the 2020 & 2023 NEC Sponsored by Megger Presented by Ryan Mayfield (Mayfield Renewables)	PV Technical Sales Introduction Sponsored by Rolls Battery Engineering Presented by Ezra Auerbach (Stardust Solar)	Essentials of Solar Plus Storage Sponsored by Sol-Ark Presented by Wes Kennedy (HeatSpring)
10:00-10:30 am MORNING BREAK Sponsored by: Gold Sponsors				
CLASSROOMS	Room 301 A&B	Room 302 A,B,C	Room 306 A&B	Room 402
10:30-12:00 pm	Continued	Continued	Continued	Continued
12:00-1:00 pm NETWORKING LUNCH Sponsored by: Ruby Sponsors				
CLASSROOMS	Room 301 A&B	Room 302 A,B,C	Room 306 A&B	Room 402
1:00-2:30 pm	Continued	Continued	Inspecting PV Systems Sponsored by Discover Energy Systems Presented by Nick Matthes (MREA)	Electrification: A Technical and Financial Overview Sponsored by SMA America Presented by Mike Bishop (Slow Power)
2:30-3:00 pm AFTERNOON BREAK Sponsored by: Gold Sponsors				
CLASSROOMS	Room 301 A&B	Room 302 A,B,C	Room 306 A&B	Room 402
3:00-4:30 pm	Continued	Continued	Continued	Continued

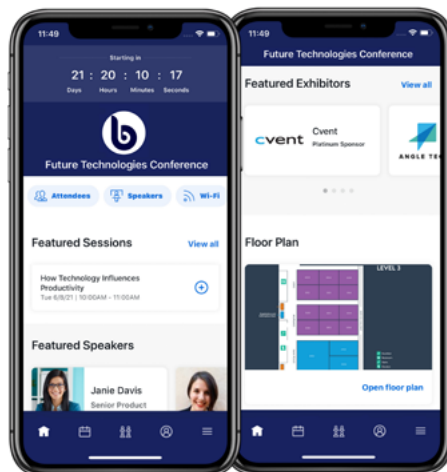
4:30 pm Conference Adjournment - Thank You for Attending NABCEP's 14th Annual CE Conference. Have A Safe Journey Home!

TO RECEIVE CEU's YOU MUST SCAN YOUR BADGE IN AND OUT OF EACH SESSION - KIOSK's AT EACH DOORWAY

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