

Monday, March 20, 2017

Conference Schedule

12:00 - 6:00 pm

Exhibitor Move-In

4:00 - 8:00 pm

Registration Open

Crystal Foyer

6:00 - 7:00 pm

Opening Keynote - Presented by Rue Phillips

Malachite Showroom

Sponsor:

7:00 - 9:00 pm

Welcome Reception

Malachite Showroom

Sponsor:



Tuesday, March 21, 2017

7:00 - 8:00 am

Continental Breakfast

Crystal Ballroom I-V Exhibit Hall

Sponsor:



7:00 am - 6:00 pm

Conference Registration

Crystal Foyer

CLASSROOMS

Baccarat

Lalique I

Lalique II

Colonnade A

Colonnade B

Spectrum A

Spectrum B

Waterford A

Waterford B

8:00 - 9:30 am

Technical Training Sessions

Design and Install with CertainTeed Solar
CertainTeed Solar

Microinverters in the Residential Environment- APsystems YC500 Dual Module Solution
APsystems

Schneider Conext for Lithium Ion and Advanced Battery Solutions
Schneider Electric

Design Considerations for PV racking on Commercial Flat Roofs
Unirac, Inc.

Battery 101: Flooded vs. AGM vs. GEL
Trojan Battery Company

Making Solar More Accessible Through Innovation
SolarRoofHook

Photovoltaic Performance Monitoring with Solar-Log
Solar-Log

DC and AC Coupled Solar Storage Solutions
Magnum Energy

Installing the Pika Energy Island for simplified grid-tied solar with optional battery storage
Pika Energy

9:30 - 10:00 am

MORNING BREAK

Crystal Ballroom I-V Exhibit Hall

Sponsor:



CLASSROOMS

Lalique Ballroom II

Crystal Ballroom VI

Crystal Ballroom VII

Crystal Ballroom VIII

10:00 - 12:00 pm

Panel Sessions

Data Acquisition, Energy Monitoring and Fleet Management Platforms
Sponsored by Morningstar
Moderator: Andrew Truitt, Dividend Solar
INVITED PANEL: Gabe Abbott, Locus Energy; Shavaj Kallamkote, CarbonTRACK; Erik Norwood, Curb; Alison Hyde-Adams, Also Energy; Jake Whiteley, RadianGen; Brad Berwald, Morningstar

Major Updates in PV Codes and Standards
Sponsored by Rolls Battery Engineering
Moderator: Rebekah Hren, Solar Energy International
INVITED PANEL: Steve Higgins, Rolls; Jason Fisher, Solar City; Bill Brooks, Brooks Engineering; Ryan Mayfield, Renewable Energy Associates

Case studies – Energy Storage and Rule 21 Advanced Inverter Functions
Sponsored by Enphase Energy
Moderator: Brian Lydic, Fronius USA
INVITED PANEL: Greg Smith, Sonnen; Emily Hwang, Solectria; Blair Reynolds, Enphase; Jason Bobruk, SolarEdge Technologies

Selling More Solar - the Role of Financing
Sponsored by Mitsubishi
Moderator: Geoff Greenfield, Third Sun Solar
INVITED PANEL: Chris Doyle, Dividend Solar; Jake Hoppe, Spruce Finance; G.P. Caminiti, Mitsubishi

12:00 - 1:30 pm

NETWORKING LUNCH

Crystal Ballroom I-V Exhibit Hall

Sponsor:



CLASSROOMS

Baccarat

Lalique I

Lalique II

Colonnade A

Colonnade B

Spectrum A

Spectrum B

Waterford A

Waterford B

1:30 - 3:00 pm

Technical Training Sessions

Solar Mounting, Codes and Best Practices
Quick Mount PV

Designing and Installing Enphase IQ Microinverter Systems
Enphase Energy

Energy Storage - Battery Bank Sizing, Care & Troubleshooting
Rolls Battery Engineering

Rapid Shutdown Systems (RSS) for Residential Solar PV Installations
PROINSO

Complying with Arc Fault & Rapid Shutdown Requirements
Yaskawa - Solectria Solar

Rapid Shutdown 2.0: What You Need to Know for 2017 and Beyond
OutBack Power Technologies

Advanced Ground Mount and Pitched Roof
IronRidge, Inc.

Master Class in Knees (the IV Curve Kind of Course)
Interplay Learning

Techniques for Discovering Useful Information from Energy Meter Data
eGauge Systems, LLC

3:00 - 3:30 pm

AFTERNOON BREAK

Crystal Ballroom I-V Exhibit Hall

Sponsor:



CLASSROOMS

Lalique Ballroom II

Crystal Ballroom VI

Crystal Ballroom VII

Crystal Ballroom VIII

3:30 - 5:30 pm

Panel Sessions

Future Business Structure for Solar Installers
Sponsored by BayWa r.e.
Moderator: Barry Cinnamon, Spice Solar
INVITED PANEL: Jeff Wolfe, GroSolar; Pamela Cargill, Chaolytj; Gary Gerber, Sunlight and Power

Rapid Shutdown Requirements and Solutions
Sponsored by SolarEdge
Moderator: Ward Bower, Ward Bower Innovations, LLC
INVITED PANEL: Bill Brooks, Brooks Engineering; Jason Fisher, SolarCity; Isaac Opalinsky, SunPower; Jeff Spies, Quick Mount PV; Jason Bobruk, Solar Edge

Energy Storage – Learning a New Language
Sponsored by Enphase Energy
Moderator: Ezra Auerbach, DSC Consulting
INVITED PANEL: Tristan Kreager, Kreager Solar Associates; Steve Higgins, Rolls Battery Engineering; Greg Smith, Sonnen Inc.; Neal Roche, Aquion; Blair Reynolds, Enphase

Improving System ROI through Best Practices in Solar PV System Design, Installation, Monitoring, and O&M
Sponsored by APsystems
Moderator: Rudy Saporite, IBTS
INVITED PANEL: Brian Mehalic, Solar Energy International; Jeff Gilbert, Azimuth Solar Training; Doug Soester, Dividend Solar; Chris Barrett, APsystems

5:30 - 8:30 pm

NETWORKING RECEPTION/DINNER - Crystal Ballroom I-V Exhibit Hall

Sponsor:



8:30 - 9:30 pm

Jeff Spies "Pioneers of PV — the Documentary" Lalique I

Wednesday, March 22, 2017

Conference Schedule



7:00 - 8:00 am Continental Breakfast Crystal Ballroom 1-V Exhibit Hall Sponsor:

7:00 am - 6:00 pm Conference Registration Crystal Foyer

CLASSROOMS	Baccarat	Lalique I	Lalique II	Colonnade A	Colonnade B	Spectrum A	Spectrum B	Waterford A	Waterford B
8:00 - 9:30 am Technical Training Sessions	Many Ways to Proof the Roof and Stand and Land with SunMado Racking SunMado Corp.	Optimize Your PV Business with SolarEdge SolarEdge Technologies	Get Off the Roof Faster! Learn Installation Practices Unirac, Inc.	Intelligent Energy Storage - An Overview of Batteries, Applications and Installation sonnen, Inc.	Remote Monitoring of Your Off-grid Power systems Morningstar Corporation	Aqueous Hybrid Ion (AHI) Battery Product Training Seminar Aquion Energy	WILEY - Solar Solutions for Grounding, Bonding & Wire Management Burndy, LLC (Wiley)	The Perfect Combination: RoofTop Solar and Metal Roofing S-5!	Designing and Installing Enphase Energy Storage Systems Enphase Energy

9:30 - 10:00 am MORNING BREAK Crystal Ballroom 1-V Exhibit Hall Sponsor:



CLASSROOMS	Lalique Ballroom II	Crystal Ballroom VI	Crystal Ballroom VII	Crystal Ballroom VIII
10:00 - 12:00 pm Panel Sessions	Residential Roof Racking Systems – Rail vs Rail-less and BIPV Sponsored by SnapNrack Moderator: Roger Williams, Solar Energy International INVITED PANEL: Kate Collardson, Certainteed; Barry Cinnamon, Spice Solar; Johan Alfsen, Quickmount PV; Edgar Becerra, Mitsubishi, Greg McPheeters, SnapNrack	UL 2703 – PV System Bonding/ Grounding and Fire Classification Sponsored by APsystems Moderator: Jeff Spies, Quick Mount PV INVITED PANEL: James Cormican, RBI; Dustin Haddock, S-5; Klaus Nicolaedis, Unirac	Connecting Business Strategy to NABCEP Key Job Tasks Sponsored by BayWa r.e. Moderator: Boaz Soifer, BayWa r.e. Solar Systems, LLC INVITED PANEL: Mike Teresso, Baker Electric Solar; Gary Gerber, Sunlight and Power; Chad Waits, Net Zero Solar; August Goers, Luminalt Solar	Community Solar Industry Overview and Insights Sponsored by Mission Solar Energy Moderator: Andrew Truit, Dividend Solar INVITED PANEL: Beth Copanas, GRID Alternatives; Dan McIlroy, Clean Energy Collective; Walter Sharp, Sharper Energy Technologies; Julia Sullivan, Stion, Odette Mucha, DOE/SunShot; Trevor Udwin, Mission Solar Energy

12:00 - 1:30 pm NETWORKING LUNCH Crystal Ballroom 1-V Exhibit Hall Sponsor:



CLASSROOMS	Baccarat	Lalique I	Lalique II	Colonnade A	Colonnade B	Spectrum A	Spectrum B	Waterford A	Waterford B
1:30 - 3:00 pm Technical Training Sessions	MidNite Solar's Rapid Shutdown System MidNite Solar	Commercial Three Phase Microinverter Solutions - Includes Design for Communication APsystems	Solar Array Design for Commercial Buildings ISA Corp.	Energy Storage - Battery Bank Sizing, Care and Troubleshooting Rolls Battery Engineering	Fronius SnapInverter Installation Best Practices Fronius USA	Making Commercial 3-phase a Snap: OutBack Power's ProHarvest Series as a New Business Opportunity OutBack Power Technologies	Panasonic HIT Solar Modules: Superior Generation, Unmatched Reliability Panasonic	PV Mounting in Asphalt Pitched Roofs Best Practices and Code with Rail-less RT-[E] Mount® Roof Tech, Inc.	System Design and Optimization with HelioScope Folsom Labs, Inc.

3:00 - 3:30 pm AFTERNOON BREAK Crystal Ballroom 1-V Exhibit Hall Sponsor:







CLASSROOMS	Lalique Ballroom II	Crystal Ballroom VI	Crystal Ballroom VII	Crystal Ballroom VIII
3:30 - 5:30 pm Panel Sessions	Calculating Payback in a Post NEM Market Sponsored by Intersolar Moderator: Jeff Spies, Quick Mount PV INVITED PANEL: John Berdner, HiQ; Corey Garrison, Southface Solar Electric; Michael Bishop, OnGrid, Inc.	Best Practices for Maximizing Software Investments Sponsored by Folsom Labs Moderator: Pamela Cargill, Chaolysti Management Consulting INVITED PANEL: Connor English, PVBid; December Cowen, Unirac; Galina Kofchock, Osceola Energy; Paul Grana, Folsom Labs	Battery Chemistries and System Options - Components or Prepackaged Systems Sponsored by Rolls Battery Engineering Moderator: Catherine Kelso, Ambassador Energy INVITED PANEL: Steve Higgins, Rolls; Greg Smith, Sonnen; Sandra Herrera, Outback Power; Kyle Bulger, Blue Planet Energy	PV Installer Safety Sponsored by BayWa r.e. Moderator: Brian Mehalic, Solar Energy International INVITED PANEL: Guy Snow, G&G systems; David del Vecchio, SEI

5:30 - 8:30 pm NETWORKING RECEPTION/DINNER Crystal Ballroom 1-V Exhibit Hall Sponsor:



Thursday, March 23, 2017

Conference Schedule

7:00 - 8:00 am		Continental Breakfast		Crystal Ballroom I-V Exhibit Hall		Sponsor: 	
7:00 - 9:00 am		Conference Registration		Crystal Foyer			
CLASSROOMS	Lalique Ballroom II	Crystal Ballroom VI	Crystal Ballroom VII	Crystal Ballroom VIII			
8:00 - 11:30 am	PV and the 2014/2017 updates (NEC) National Electric Code Ryan Mayfield, Renewable Energy Associates	PV with Energy Storage for Residential Applications Roger Williams and Rebekah Hren, Solar Energy International	Economics of Solar Michael Bishop, OnGrid, Inc.	PV Systems Maintenance and Trouble Shooting David del Vecchio and Brian Mehalic, Solar Energy International			
9:30 - 10:00 am		MORNING BREAK		Crystal Ballroom I-V Exhibit Hall		Sponsor: 	
11:30 am - 1:00 pm		NETWORKING LUNCH		Crystal Ballroom I-V Exhibit Hall		Sponsor: 	
1:00 - 4:00 pm		Exhibitor Move Out					
CLASSROOMS	Lalique Ballroom II	Crystal Ballroom VI	Crystal Ballroom VII	Crystal Ballroom VIII			
1:00 - 4:30 pm	PV and the 2014/2017 updates (NEC) National Electric Code Ryan Mayfield, Renewable Energy Associates	PV with Energy Storage for Residential Applications Roger Williams and Rebekah Hren, Solar Energy International	Closing the Loop to Improve Profitability and Efficiency Conner English, PVBid	PV Systems Maintenance and Trouble Shooting David del Vecchio and Brian Mehalic, Solar Energy International			
2:30 - 3:00 pm		AFTERNOON BREAK		Crystal Foyer		Sponsor: 	
4:30 pm Conference Adjournment - Thank You for Attending NABCEP's 6th Annual CE Conference. Have A Safe Journey Home!							



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