inter solar — connecting solar business | NORTH AMERICA

PROGRAM SCHEDULE 2018

ees — electrical energy storage

INTERSOLAR NORTH AMERICA CONFERENCE

TUESDAY, JULY 10, 2018

	ROOM 3011	ROOM 3008	ROOM 3007
8:30am–10:00am Coffee	Opening Ceremony | ROOM 3009 & 3011 (Keynote Speeches & Champion of Change AWARD Ceremony)		
10:30am–11:45am Lunch	Asset Management and O&M Shifts in the U.S. Residential Market	PV Production Technology	The Road to Global 100% Renewable Energy
12:45pm–2:15pm Coffee	How Policy Impacts Solar+Storage Corporate and Project Financing	Net Metering in Flux: Where States Are Heading on NEM Changes	Regional and Local Initiatives Towards 100% Renewables
2:45pm–4:15pm Coffee	Solar and Energy Storage: Unlocking Financial Value with Technology		Optimizing DERs on the Grid: Insights on Hosting Capacity Analyses
4:45pm–6:00pm	Carbon Pricing Policy is Solar Policy		Digitalization and (Cyber) Security

WEDNESDAY, JULY 11, 2018

	ROOM 3011	ROOM 3008	ROOM 3007
9:00am–10:45am Coffee	The State of Smart Inverters: Adoption and Considerations for Implementation	CA Rule 21: U.S. Distributed Energy Resource (DER) Market Dynamics	The Future of PV
11:15am–1:00pm Lunch	Market Trends and Innovations to Watch	CA Rule 21: Market Segments, Business Models, Competitive Barriers	Industrial Micro and Mini-Grid: Concepts & Technologies
2:00pm–3:45pm Coffee	PV Power Plants: PV + ees System – Design, Layout & Operations	CA Rule 21: Integrating the IEEE 2030.5 Standard into DER Products	RE-Hybrids, Floating & Agro-PV: Technologies & System Design
4:15pm–6:00pm	PV Power Plants: Technological Advancements of Trackers	CA Rule 21: Profitably Deploying and Managing DER Networks	Disaster Relief & Emergency Response – Deployment of PV + Storage

■ Markets ■ Finance ■ Technology ■ Smart Renewable Energy ■ Power2Drive

EES NORTH AMERICA CONFERENCE

TUESDAY, JULY 10, 2018

	ROOM 3009	ROOM 3010
8:30am–10:00am	Opening Ceremony | ROOM 3009 & 3011 (Keynote Speeches & Champion of Change AWARD Ceremony)	
10:00am–1:45pm	The Chinese/Indian Battery Market and its Implications for North America	
	The Outlook for Energy Storage in California	
2:15pm–6:00pm	Designing Storage to Provide Multiple Services	
	Financing Energy Storage	

WEDNESDAY, JULY 11, 2018

	ROOM 3009	ROOM 3010
9:00am–1:00pm	The Economics of Solar Storage – Where Are Future Cost Reductions Going to Come from?	Power2Drive: Global EV Market Development Snapshots
	Future Developments in Lithium Battery Technology + Recycling & Reuse of Lithium Batteries	Power2Drive: Can the Electric Vehicle Flatten the Duck
2:00pm–6:00pm	Has Lithium-Ion Technology already Won the Race for EES?	Power2Drive: Battery Durability/Advances of High-Voltage Batteries
	Software and Storage	California Mandate for Solar on New Homes

WORKSHOPS

TUESDAY, JULY 10, 2018

	ROOM 3012	ROOM 3010	ROOM 3006
8:30am–10:00am	Opening Ceremony | ROOM 3009 & 3011 (Keynote Speeches & Champion of Change AWARD Ceremony)		
10:00am–1:45pm	Photovoltaic Systems and the National Electric Code	Energy Storage: Designing for Markets Beyond Net Metering	California Solar & Storage Association's Contractor Day
2:15pm–6:00pm		PV System Operations and Maintenance	

WEDNESDAY, JULY 11, 2018

	ROOM 3012	ROOM 3010	ROOM 3006
9:00am–1:00pm	Large-Scale PV: Design Considerations and Installation Case Studies		
2:00pm–6:00pm	Prácticas Recomendadas por Expertos en la Industria y el NEC 2014		

■ NABCEP Credits

INNOVATION & APPLICATION STAGE — LEVEL 1, BOOTH 7331

TUESDAY, JULY 10, 2018

11:00am–11:30am	SPECIAL EVENT: White Paper Release: Grid Edge Innovation – Technologies, Business Models and the Future of Demand Flexibility by GTM Research
12:00pm–12:30pm	SPECIAL EVENT: Solar Jobs Toolkits: Hiring and Training to Build a Strong Solar Workforce
12:45pm–1:45pm	AWARD Finalist Presentations
2:30pm–4:30pm	Joint Forces for Solar – 17th PV Briefing & Networking Forum USA

WEDNESDAY, JULY 11, 2018

10:15am–11:15am	NABCEP Installation Workshop: Battery 101 – Flooded vs. AGM vs. GEL
11:30am–12:30pm	NABCEP Installation Workshop: PV + Storage Design Options
12:45pm–1:45pm	NABCEP Installation Workshop: Introduction to the Ecoult UltraFlex System
2:00pm–3:00pm	NABCEP Installation Workshop: The Ecoult UltraFlex System How does it fit your Application?
3:15pm–4:15pm	NABCEP Installation Workshop: How to Accelerate Your Residential Sales & Installation Cycle
4:15pm–4:35pm	Exhibitor Presentation

THURSDAY, JULY 12, 2018

10:00am–4:00pm	Exhibitor Presentations

■ NABCEP Credits

EES STAGE — LEVEL 2, BOOTH 8241

TUESDAY, JULY 10, 2018

10:30am–12:30pm	Get your Market Update – Finance, Policy and Progress
12:30pm–2:30pm	Power2Drive Session – Technical Innovations for a New Kind of Energy and Mobility
3:30pm–4:00pm	Award Ceremony: Solar 40 Under 40

WEDNESDAY, JULY 11, 2018

10:30am–12:30pm	Best Practice Examples (Residential, Commercial, Utility Scale)
12:30pm–2:30pm	Digitalization + Sector Coupling: How Well Are the USA Performing in the Energy Transition?
3:30pm–5:00pm	IREC's Annual 3iAwards Ceremony

THURSDAY, JULY 12, 2018

11:00pm–12:00pm	Exhibitor Presentations
12:00pm–1:00pm	NABCEP Installation Workshop: B3 Bypass: Avoiding Main Service Panel Upgrades

TOURS, NETWORKING & SPECIAL EVENTS

WEDNESDAY, JULY 11, 2018

3:00pm–4:00pm	Film: Solar Roots – The Pioneers of PV Level 3 | Room 3008
3:00pm–5:00pm	Solar Tour: Davies Symphony Hall & San Francisco Public Utilities Commission
5:00pm–10:00pm	Solar Summerfest – A Journey to Outer Space! – Metreon Rooftop –
11:00am–12:00pm	Film: Solar Impulse – POINT OF NO RETURN Level 3 | Room 3006
12:30pm–1:30pm	Film: Solar Roots – The Pioneers of PV Level 3 | Room 3006
2:00pm–3:00pm	Film: Solar Impulse – POINT OF NO RETURN Level 3 | Room 3006

THURSDAY, JULY 12, 2018

9:00am–12:45pm	Local Solar Farm Tour
4:30pm–8:00pm	Exploratorium Green Building and Museum Tour

CONFERENCE | WORKSHOP PARTNERS

California Solar + Storage Association; American Solar Energy Society; IREC; NAATBatt; NABCEP; NorCal Solar; Solar Energy International; SunSpec Alliance; Solar Power World

PROGRAM ADVISORS

B.C.L. Business Climate Leaders; California ISO; EuPD Research; Fraunhofer ISE; gtm; IBESA; IHS Markit; Los Angeles County ISD; Mercom Capital Group; Omnidian; semi; VDMA

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