

# THE SMARTER E SOUTH AMERICA 2024 | CONFERENCE PROGRAM

**TUESDAY, AUGUST 27**



## CANTAREIRA 3-5, 2ND FLOOR



Intersolar South America Conference Opening



Press Conference Intersolar South America & Lunch Break

Overview of the Brazilian Electrical Power Industry



How Solar Can Help Achieve ESG Goals & 2030 Sustainable Development Goals



Networking Reception



**WEDNESDAY, AUGUST 28**



## CANTAREIRA 4-5, 2ND FLOOR

## CANTAREIRA 3, 2ND FLOOR

Doing Business in Distributed Solar PV Generation

New Strategies for a Transforming Energy Sector

Regulation and Market Outlook for Distributed Solar PV Generation

Self-Production of Energy (Consumers Who Use Solar PV in Their Plants)

PV Solutions for Agri-Business

Large-Scale Solar Combined With Other Technologies

Photovoltaic Trends Hitting the Market (Floating PV & Solar + Storage)

Opportunities for Solar Players in the Renewable Hydrogen Economy



**THURSDAY, AUGUST 29**



## CANTAREIRA 4-5, 2ND FLOOR

## CANTAREIRA 3, 2ND FLOOR

Best Practices: PV Quality, Safety, Training and Standards

Overview of the Brazilian E-Mobility Market

Supply Chain - Challenges & Opportunities

Smart Solutions for EV Charging: Intelligent Models and Standardization

Construction, O&M Challenges, PV-Plant Monitoring, Artificial Intelligence Applications

Batteries Challenges & Solutions: Technologies and Applications

Recycling: Empowering Circular Economy in the Solar PV Industry

EV Charging Realities in Brazil: Best Practice & Use Cases



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## TUESDAY, 27 AUGUST


### CANTAREIRA 6, 2<sup>ND</sup> FLOOR

<b>9:00am–10:30am</b>	Eletrotec+EM-Power South America Conference Opening & Update of ABNT Standards I: Fire Protection for PV Systems
<b>11:00am–12:30pm</b>	Update of ABNT Standards II: Review of ABNT NBR 5410
<b>12:30pm–2:00pm</b>	Lunch Break
<b>2:00pm–3:30pm</b>	Update of ABNT Standards III: Arc Flash Standard
<b>4:00pm–5:30pm</b>	Update of ABNT Standards IV: Review of ABNT NBR 14039

## WEDNESDAY, AUGUST 28



### CANTAREIRA 2, 2<sup>ND</sup> FLOOR

ees South America Conference Opening
Opportunities and Challenges Related to the Growth of Non-dispatchable Renewable Energy
Focus on Transmission and Distribution – the Potential of Energy Storage to Decongest Brazil's Power Grids
The Relevance of Energy Storage for Decarbonizing Electricity Generation in the Amazon Region
Networking Reception

### CANTAREIRA 6, 2<sup>ND</sup> FLOOR

Lightning Protection Systems I: Lightning Protection Standards for PV Systems & Comparison of LPS Implementation in a Distributed Generation PV Plant Using an Isolated or Non-Isolated System	
Lightning Protection Systems II: The Importance of Surge Supportability for Electrical Installations & System for Instant and Remote Monitoring of Surge Protection Devices' (SPDs) Operation at an LPG Distribution Base	
Lightning Protection Systems III: Fatal Accidents due to Non-Connecting Leader	
Lightning Protection Systems IV: V Plant Ground Grid: How to Ground the Fence? & Analysing the Economic Viability of SPDA in a Typical Distributed Generation PV Plant	

## THURSDAY, AUGUST 29



### CANTAREIRA 2, 2<sup>ND</sup> FLOOR

Time to Return to C&I? The Potential of Energy Storage for Commercial and Industrial Users
Proposals for the Development of Competitive Local Supply Chain for Energy Storage
Hydrogen Colors - Sustainability Concepts and Assessment of Competitiveness for Low-Carbon Hydrogen Production
Brazilian Hydrogen for the Domestic Market - Mapping of Key Applications and Areas of Competitiveness

### CANTAREIRA 6, 2<sup>ND</sup> FLOOR

LV & MV Electrical Installations I: Viability Analysis for Setting up a Solar PV Plant in an Industry in the ACL & Performance of Photovoltaic Brises in São Paulo: Germinare Institute's First Year of Generation
LV & MV Electrical Installations II: Electrical Installation Records as a Tool for Efficiency and Safety & Drawing up Electrical Installation Records
LV & MV Electrical Installations III: The Absence of the IDR and Deaths due to Electric Shock in the Residential Environment & Computer Vision and the Visual Inspection of Electrical Systems
LV & MV Electrical Installations IV: Strategy and Challenges of an Effective Maintenance Plan for the Safe Operation of Brazil's First Large-Scale Battery Energy Storage System (BESS)

