

Agenda

61850ug Meeting – Wendell, NC, USA

“Joining Forces to Innovate, Connect, and Lead the Future of Smart Grid Technology”

Conference Day 1: October 22, 2025 – Room: *Power Academy Training Theatre*

Time	Topic	Presenter
8:00 – 9:00	Registration and Coffee	
Session 1		
9:00	Welcome & Intro:	Joel Greene (<i>61850ug</i>)
9:15	Host Sponsor:	Heiko Englert Jonathan Hill (<i>Siemens</i>)
9:45	<i>SEL Gold Sponsor presentation</i>	
10:15	BREAK	
Session 2 - Testing		
10:30	The evolution from unit testing to system testing	Fred Steinhauser (<i>Omicron</i>)
11:00	Testing IEC 61850-based Protection, Automation, and Control Systems	Jun Verzosa (<i>Doble</i>)
11:30	Discussion	
12:00	<i>ASE vendor presentation</i>	
12:15	LUNCH	
Session 3 - Engineering		
13:15	Top-down Engineering example from North America	Keith Gray (<i>POWER Engineers</i>) Jonathan Doroh (<i>Southern Co</i>)
13:40	Top-Down Engineering in Practice, starting from the specification phase: BAPs and ASD in the Enedis PCCV Project and for Future UCA Interoperability	Aurélie DEHOUCK(<i>EDF</i>) Christoph Brunner
14:05	Top-down Engineering using typical devices	Thierry Dufaure (<i>Siemens</i>)
14:30	Discussion	
15:00	BREAK	
15:15	<i>GEV vendor presentation</i>	
15:30	<i>Meinberg vendor presentation</i>	
15:45	<i>Omicron Vendor presentation</i>	
16:00	<i>PCIttek vendor presentation</i>	
16:15	<i>Closing remarks</i>	Joel Greene (<i>61850ug</i>)
17:00	ADJOURN	
17:30 – 19:30	Evening Reception & Vendor Demonstrations at Vidrio Restaurant Vidrio address: 500 Glenwood Ave #100, Raleigh, NC, 27603	

Conference Day 2: October 23, 2025 – Room: *Power Academy Training Theatre*

Time	Topic	Presenter
8:00 – 9:00	Registration and Coffee	
9:00	<i>TMW Gold Sponsor presentation</i>	
Session 4 - Standards		
9:30	Standards update	Christoph Brunner (<i>WG10</i>)
9:50	Improving SCL files quality and interoperability with the IEC TS 61850-6-3 and RiseClipse	Aur�lie DEHOUCK(<i>EDF</i>) Keith Gray (<i>POWER Engineers</i>)
10:10	Data Centers & Virtualization	Nurulwahida Jamaludin (<i>Schneider Electric</i>)
10:30	Discussion /ask the experts	WG10 Expert panel
10:45	BREAK	
Session 5 - Process Bus		
11:00	CIGRE B5.74 Process bus	Alexandre Piatniczka (<i>Schneider Electric</i>)
11:30	Using 61850 Data Streams for Condition Based Monitoring (CBM)	Jonathan Doroh (<i>Southern Co</i>)
12:00	Building Resilient and Robust Digital Substations - Optimizing Network Performance for Next-Generation Protection Systems	Paulo Franco (<i>SEL</i>)
12:30	Discussion	
13:00	LUNCH	
Session 6 – UCA Future		
14:00	IOP planning	Joel Greene (<i>61850ug</i>)
14:30	61850 UG planning	Joel Greene (<i>61850ug</i>)
15:00	Discussion	
15:30	BREAK	
Session 7		
15:45	Simplifying the configuration process for IEC61850-based systems through generative AI technology	Gabriel Fernandes (<i>GEV</i>)
16:15	Retrofit and Greenfield IEC 61850 Process Bus-Based Full Digital Substations: POWERGRID’s experience and case studies	Yashwant Kodali (<i>POWERGRID</i>)
16:45	Software and Hardware considerations for Virtualized Protection and Control	David MacDonald (<i>GEV</i>)
17:15	Discussion	
17:45	Closing Comments Two (2) \$100 Amazon Gift Card Drawing (<i>must be present to win</i>)	Joel Greene (<i>61850ug</i>)
18:00	ADJOURN	