





















KNOWLEDGE HUBS AT-A-GLANCE



SCHEDULE AS OF
1/17/2023.
FOR THE MOST UP TO
DATE SCHEDULE,
VISIT THE MOBILE APP.



DIGITALIZATION + OPTIMIZATION		HYDROGEN		NEW ENERGY MIX + MICROGRIDS		
	EXCLUSIVE TRACK SPONSOR: 		EXCLUSIVE TRACK SPONSOR: 		EXCLUSIVE TRACK SPONSOR: 	
Booth #2636		Booth #1043		Booth #229		
TUESDAY, FEBRUARY 21ST						
10:30AM - 11:00AM	An open source digital engineering framework for clean energy power plants		Hydrogen injection in natural gas		Siemens Energy's compressed air energy storage solutions: Adiabatic and Diabatic CAES	
11:05AM - 11:35AM	Optimization and automated controls for energy storage facilities (CES)		Taking DLN gas turbine hydrogen blending to the next level		How high-temperature fission technology can deliver cost-competitive cogeneration to power global industry	
11:40AM - 12:10PM	Generation asset performance assurance and forecasting: Changing the game with machine learning <div>SPONSORED BY </div>				Today's technologies tomorrow's opportunities <div>SPONSORED BY </div>	
1:30PM - 2:00PM	Enhancing generator load ramping & flexibility using dynamic AI and closed-loop optimization		Hydrogen blending – pilot projects for power generation facilities		Updates on NFPA 855- ESS explosion studies <div>SPONSORED BY </div>	
2:05PM - 2:35PM	How to digitalize and disrupt industrial asset maintenance — prescriptive maintenance <div>SPONSORED BY </div>		Emerging hydrogen market <div>SPONSORED BY </div>		Optimization and design considerations for hybrid power systems <div>SPONSORED BY </div>	
2:40PM - 3:10PM	Avoiding the traps of digital transformation <div>SPONSORED BY </div>				Hybrid resources, supporting market structures and the Inflation Reduction Act	
3:15PM - 3:45PM	Optimizing plant performance through intelligent cloud-based SCADA		Hydrogen modeling: Methodologies, limitations and real-world impacts		Combined Heat & Power systems: How do they stack up today?	
WEDNESDAY, FEBRUARY 22ND						
10:30AM - 11:00AM	Leveraging physics-based modeling from offline to online applications		Pressure energy recovery system for the natural gas midstream sector <div>SPONSORED BY </div>		Microgrids and the energy transition	
11:05AM - 11:35AM	Case study: Tech optimization increases plant output and reliability		Real-world hydrogen fuel testing		Double torque with half the cylinders/fuel/exhaust/carbon/weight? <div>SPONSORED BY </div>	
11:40AM - 12:10PM	Digital transformation: Connecting your lone workers <div>SPONSORED BY </div>				Hybrid microgrids - The rapidly changing face of power generation Insights <div>SPONSORED BY </div>	
1:30PM - 2:00PM			U.S. hydrogen hub maturity model		Microgrids and energy services for reliable, affordable and sustainable electricity <div>SPONSORED BY </div>	
2:05PM - 2:35PM	Maintenance asset health index <div>SPONSORED BY </div>				The evolution of distributed generation - Taking control during uncertainty <div>SPONSORED BY </div>	
2:40PM - 3:10PM			Hydrogen fuel: Opportunities and challenges		Safe explosion venting of Battery Energy Storage Systems (BESS)	
3:15PM - 4:30PM					Lithium-ion energy storage systems safety best practices: Ask the experts <div>SPONSORED BY </div>	