



IDEA2023

Empowering the Next Generation

June 5-8 | Hilton Chicago | Chicago, IL



CONFERENCE PROGRAM

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IDEA2023 Mobile App

The IDEA2023 Mobile App includes everything you need to get you through the conference including program, exhibit information, attendees and the Game Center where you can get points to be entered into a raffle to win prizes during the dessert break on Wednesday (must be present to win).

- Download the **Cvent Events** app in the App Store or Google Play Store. Search for **IDEA2023: Empowering the Next Generation**
- Enter your name and email to receive a verification code to log in.
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MONDAY, JUNE 5

7:00 am – 7:00 pm	Registration Open – 8th Street Registration
8:00 am – 4:00 pm	Exhibit Setup – Stevens Salon D
7:00 am – 8:00 am	Workshop Breakfast – Continental Ballroom C (Breakfast for all registered workshop attendees.)
7:00 am – 7:45 am	Workshop Speaker Orientation Meeting – Stevens Salon A-5
8:00 am – 4:00 pm	Workshop – Decarbonizing with District Energy – Continental Ballroom A
10:00 am – 4:00 pm	Poster Presentation Setup – Continental Foyer
1:30 pm – 3:30 pm	District Energy 101 Symposium with YPG – Stevens Salon A-5
4:05 pm – 5:10 pm	Forums – Open meetings for IDEA members to discuss current industry issues by specialty area. Business Development Forum – Stevens Salon A-1 District Cooling Forum – Stevens Salon A-2 District Energy Women’s Initiative (DEWI) – Stevens Salon A-3 Future Energy Forum – Continental Ballroom A Young Professionals Group (YPG) Forum – Stevens Salon A-5 Industry Leaders Forum – (intended for General Manager, President and C-Level DE Operating System members) – Stevens Salon A-4
5:15 pm – 6:30 pm	Ribbon Cutting & Exhibit Hall Opening for Business Partners Welcome Reception – Stevens Salon D <i>Sponsored by CenTrio, Cordia & Empower</i> Poster Presentations – Continental Ballroom Foyer Presenters will be available by their posters to answer questions. Poster presentations are listed at the end of program and in the mobile app.
7:00 pm – 9:30 pm	Annual Chair’s Awards Dinner – Including IDEA System of the Year, Norm Taylor, and 2022 DE Space Awards International Ballroom North – Sponsored by Corix, Enwave & Johnson Controls

TUESDAY, JUNE 6

7:00 am – 6:30 pm	Registration Open – 8th Street Registration
7:00 am – 7:50 am	Breakfast with IDEA Business Partners – Stevens Salon D – Sponsored by Affiliated Engineers
7:15 am – 7:45 am	Speaker Orientation Meeting – Stevens Salon A-5 – Speakers scheduled to present on Tuesday must attend. Coffee and breakfast will be served.
9:45 am – 5:00 pm	Spouse/Significant Other Program
8:00 am – 8:20 am	Conference Opening – International Ballroom North Introductions – <i>Robert Thornton, IDEA President & CEO</i> Welcome to IDEA – <i>David Musto, President & Founder, Thermo Systems, IDEA Chair</i> Welcome to Chicago – <i>Steve Swinson, CEO, CenTrio, Conference General Chair & Host</i>
8:20 am – 9:15 am	Opening Plenary Panel # 1 – Driving the Energy Transition for Cities, Communities, & Campuses with District Energy – International Ballroom North Panelists: • Carlyle Coutinho, President & CEO, Enwave Energy • Frank Cuomo, General Manager, Steam Services, ConEdison • Jacob Graff, Regional General Manager, Cordia • Brian Mueller, Chief Development Officer, Vicinity Energy • Lisa Sparrow, President & CEO, Corix Group of Companies • Steve Swinson, CEO, CenTrio Moderated by Rob Thornton, President & CEO, IDEA
9:20 am – 10:15 am	Opening Plenary Panel #2 – Global Leaders Panel – International Ballroom North Panelists: • Ahmad Bin Shafar, CEO, Empower Energy Solutions • Sam Chatterton, Vice President, Johnson Controls, Inc. • Aksana Krasatsenka, Director of Knowledge Transfer, Euroheat & Power • Cristina Mariaca Orozco, Thermal Districts Project Coordinator, Ministry of Environment & Sustainable Development, Colombia • Alexander Sharabaroff, Senior Energy Specialist, International Finance Corporation (IFC) • Werner Lutsch, Managing Director & CEO, AGFW Moderated by Rob Thornton, President & CEO, IDEA
10:15 am – 10:55 am	Refreshment Break with IDEA Business Partners – Stevens Salon D – Sponsored by CHA Consulting, Inc. Poster Presentations – Continental Ballroom Foyer

1A – Campus and Community Energy Development <i>Moderator: Travis Hickford-Kulak, Corix Utilities Inc.</i>	1B – Optimizing Systems to Meet Energy Targets <i>Moderator: Joan Kowal, NextEra Energy Resources</i>	1C – Integrating Renewable Energy <i>Moderator: Meghan Riesterer, CenTrio</i>	1D – Geothermal <i>Moderator: Bryan Kleist, Cordia</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South
11:00 am – 11:25 am			
CHP Adds Food to the Resiliency Menu – <i>Thomas Bourgeois, US DOE's NY/NJ CHP Technical Assistance Partnership</i>	Empowering Your GHG Data – <i>Lalit Agarwal & David Mosemann, EnergyCAP, LLC</i>	Flexible Energy Storage: Integrating Aquifer Thermal Energy Storage with Batteries for Long-Term Storage of Renewable Energy – <i>Mark Spurr, FVB Energy Inc.; Mark Worthington, Underground Energy LLC</i>	Community Geothermal Heating and Cooling Design & Deployment Projects – <i>Arlene Anderson, U.S. Department of Energy</i>
11:30 am – 11:55 am			
Google Sunnyvale District Thermal Facility – <i>Drew Wenzel, Google LLC</i>	Energy Optimization Is a Complex Challenge. Can Digital Twins and AI Solve It? – <i>Jacob Thompson, Schneider Electric; Thomas Lund-Hansen, REO</i>	Advancing on Carbon Goals: Canadian Style – <i>Aaron Atcheson, Miller Thomson LLP</i>	Introducing dGeo 2.0: Updated Distributed Geothermal Supply, Demand and Adoption Model for Evaluating Potential of Geothermal District Heating and Cooling Systems – <i>Koenraad Beckers, National Renewable Energy Laboratory</i>
12:00 pm – 12:25 pm			
Challenges and Lessons Learned from Developing Community 5G Systems – <i>Brendan Hall, CHA Companies Inc.; Brianna Stephenson, Vallot, CHA Consulting</i>	Optimization of Low Carbon Resources and Impacts on Plant Dispatch and Distribution Networks – <i>James Grant, FVB Energy Inc.</i>	Using Electrode Boilers for Electrical Grid Balancing – <i>Harry Lam, Zander & Ingstrom</i>	Community Heat Pump System Solutions: Geo Solutions for Densely-Developed Urban Areas – <i>Tony Amis, Endurant Energy</i>

12:30 pm – 2:00 pm	IDEA Recognition Luncheon – International Ballroom North – Sponsored by Burns & McDonnell & Chem-Aqua		
2:00 pm – 2:40 pm	Dessert and Coffee Networking Break with IDEA Business Partners – Stevens Salon D District Energy Women's Initiative (DEWI) Meet Up Sponsored by District Energy LATAM Conference – United Nations Industrial Development Organization Poster Presentations – Continental Ballroom Foyer		
2A – System Optimization Strategies <i>Moderator: Dan Gentry, Trane</i>	2B – Heat Pumps & Energy Recovery Strategies <i>Moderator: Rajesh Dixit, Johnson Controls</i>	2C – Integrating Renewable Energy, Cont'd <i>Moderator: Justin Carron, Eaton</i>	2D – Geothermal, Cont'd <i>Moderator: Johnathan Coleman, Solar Turbines Canada Limited</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South
2:45 pm – 3:10 pm			
Digital and Analytics Innovation Study for the NYC Steam System – Matteo Pozzi, Optit srl; Johan Tolosa, Con Edison	Effluent Heat Recovery at Lakeview Village – Neeraj Raghuram, Enwave Energy Corporation	Innovative District Energy System in Leipzig, Germany Integrating CHP, Heat Pumps, Thermal Energy Storage, and H2 Production – Anders Stuxberg, Siemens Energy	Implementing Geothermal Projects in Dense Urban Environments – Matthew Goss & Samuel Gerber, CDM Smith, Inc.; Zach Fink, ZBF Geothermal LLC
3:15 pm – 3:40 pm			
Chicago Ultrafiltration Project: Independent Sourcing of Water for Cooling Towers – William Dolan, CenTrio	Centralized Heat Recovery as an Enabler for Steam to Hot Water Conversion at Ohio State: Benefits, Challenges, and Lessons Learned – Rick Kinsinger, Ecosystem Energy Services; Francois Gressier, ENGIE North America Inc.	Electrification of Heating with no Impact on the Grid: A Case Study for the Drake Landing Solar Community – Lucio Mesquita, Natural Resources Canada	Geothermal System Supplying a Fossil Fuel Free Campus – Andrew Kozak, Bard Rao + Athanas (BR+A)
3:45 pm – 4:25 pm	Refreshment Break with IDEA Business Partners – Stevens Salon D – Sponsored by Eaton Poster Presentations – Continental Ballroom Foyer		
3A – Meet the Experts <i>Moderator: Scott Szycher, IDEA</i>	3B – Water Conservation & Optimization <i>Moderator: Pat Guccione, Chem-Aqua, Inc.</i>	3C – Business Models & Financing <i>Moderator: Matthew Kerner, Creative Energy</i>	3D – District Energy Development in Chicago <i>Moderator: Lalit Agarwal, EnergyCAP, LLC</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South
4:30 pm – 5:25 pm	4:30 pm – 4:55 pm		
Meet the Experts Panel Panelists: Jason Brimble, Enwave Energy Paul Holt, Corix Derek Supple, Johnson Controls	Optimizing a Campus Water System in a Resource Limited Environment – Maximilian Christman, California Institute of Technology; Jonathan Lanciani, Coho Climate Advisors, an ERM Group Company	What to Do!!! How to Manage with Pricing and Budgets in an Uncertain Market – Josh Kading & Brett Poulos, Burns & McDonnell	Is There a Difference Between Sustainability and Decarbonization Strategies in District Cooling? – Meghan Riesterer & Darrel Tremaine, CenTrio
5:00 pm – 5:25 pm			
	Innovative Partnerships for Campus Water Treatment Modernization – Stacy Nurenberg & Ryan Kraft, Michigan State University; Benjamin Ludtke, Coho Climate Advisors, an ERM Group Company	Financing District Cooling in Emerging Economies – Alexander Sharabaroff, World Bank Group – International Finance Corporation	Providing Flexibility and Tailored Solutions for The Old Post Office Redevelopment – Geoff Bares, CenTrio
5:30 pm – 6:45 pm	Reception with Business Partners in the Exhibit Hall – Stevens Salon D – Sponsored by Jacobs & Solar Turbines Young Professionals Group (YPG) Meet Up Poster Presentations – Continental Ballroom Foyer		

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WEDNESDAY, JUNE 7

7:00 am – 5:00 pm	Registration Open – 8th Street Registration		
7:00 am – 7:50 am	Breakfast with IDEA Business Partners – Stevens Salon D – Sponsored by Kerr Wood Leidal Associates Ltd.		
7:15 am – 7:45 am	Speaker Orientation Meeting – Stevens Salon A-5 All speakers scheduled to present on Wednesday must attend. Coffee and breakfast will be served.		
7:30 am – 7:55 am	Poster Presentations – Continental Ballroom Foyer		
4A – System Expansion, Modernization & Renewal <i>Moderator: Nathan Ninemire; Burns & McDonnell</i>	4B – Future Fuels <i>Moderator: John Joyce, CHA Consulting, Inc.</i>	4C – Recruiting and Maintaining Talent in the DE Industry <i>Moderator: Douglas Wells, CSUN</i>	4D – Decarbonizing with District Energy <i>Moderator: Jesse Cabrera, Stanley Consultants</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South
8:00 am – 8:25 am			
Best Practices for Shut-Off Valves in Distribution Networks: A Nordic Perspective – <i>Petri Tuominen, Vexve Oy</i>	The Biogas and Renewable Natural Gas Bonanza – <i>Scott A. Martin, Burns & McDonnell</i>	Recruiting, Retaining, and Promoting Women in Facilities and District Energy – <i>Coleen Barsley, CSU Northridge; Albina Guzman, CSU San Bernardino</i>	Multi Megawatt CO ₂ Heat Pump: Exercise in COP Optimization & Electrical Grid Demand Response – <i>Jonathan Berney, Emerson Canada</i>
8:30 am – 8:55 am			
Enwave 4th Intake Project – <i>Kris Landon, Enwave Energy Corporation; John Teahen, C&M McNally</i>	Fusion Energy: Constructing the Future – <i>Steven Liechti & Kurt Morneau, Bond Brothers</i>	The Real Reason People Are Quitting – <i>Vicky Kruslemky, Commonwealth Associates, Inc.</i>	How the District Energy Industry Achieved Zero Carbon Emissions (presentation at the 2050 IDEA Annual Conference) – <i>Mark Spurr, FVB Energy Inc.</i>
9:00 am – 9:25 am			
When Project Planning Meets Operational Realities – <i>Gordon Morrow & Adam Weyer, CenTrio</i>	Green Steam: Utilizing Hydrogen in HRSG Duct Burners – <i>David Obrecht, Cleaver-Brooks</i>	Decoding Expectations and Empowering Your Employees – <i>Patrick Eddy, Jacobs</i>	De-Carbonizing Edmonton Utilizing District Energy Networks – <i>Christian Felske, City of Edmonton</i>
9:30 am – 9:55 am			
CO ₂ based District Heating and Cooling Network – <i>Robert Croghan, Cascara Energy</i>	Valorization of Waste Heat from Hydrogen Production in District Thermal Systems – <i>Valentin Gavan, ENGIE</i>	Techniques to Train New Plant Operators – <i>Brian Wodka, RMF Engineering; Chris MacLarion, Maryland Department of Labor</i>	Zero Combustion Thermal Plant – <i>Paul Zmick, University of Virginia</i>
10:00 am – 10:40 am	Refreshment Break with IDEA Business Partners – Stevens Salon D – Sponsored by Siemens Energy Poster Presentations – Continental Ballroom Foyer		
5A – Resilient Microgrids <i>Moderator: Carol Denning, Center for Sustainable Energy</i>	5B – District Cooling & Thermal Energy Storage <i>Moderator: Chuson McFadden, Jacobs</i>	5C – District Energy Case Studies in Severe Climates <i>Moderator: Kimberly Garcia, 2G Energy Inc.</i>	5D – Sustainable Solutions for Decarbonizing Systems <i>Moderator: David Woodson, University of Washington</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South
10:45 am – 11:10 am			
Integration of Small Modular Reactors (SMR) with Industrial Applications and District Energy – <i>Kevin Huberty & Alan Wilson, Sargent & Lundy, LLC</i>	Metrics for TES Tanks – <i>Veerendran Krishnan, Empower</i>	Investing for Change in the Western Balkans – <i>Daniel Berg, E3 International</i>	Decarbonizing District Energy Systems – <i>Dean Moretton, Hydrogen Technologies Inc; Bryan Birozak, University of Colorado,</i>
11:15 am – 11:40 am			
University of Idaho's Renewable Biomass Fueled Steam Turbine Microgrid, A Case Study – <i>Nate Turner, NLine Energy, Inc.</i>	Meeting the Test of Time: 3 Decades of Operation of the Chicago McCormick Place DE System with Low Temp Fluid TES – <i>John Andrepont, The Cool Solutions Company</i>	District Energy Opportunities in Ulaanbaatar, the Coldest Capital City Of The World – <i>Munkhjargal Sharav, Ulaanbaatar District Heating Company SOE; Enkhjin Munkherdene, Abt Associates Inc – USAID Mongolia Energy Governance Activity</i>	Integration of Thermal Energy Storage and Electric Heating with Combined Heat and Power Plants – <i>Mahabir Bhandari, Oak Ridge National Laboratory; Thomas Bourgeois, Pace University</i>
11:45 am – 12:10 pm			
Microgrids Powering the Growth of Energy Intense Infrastructure – <i>Matthew Nyquist, Concord Engineering</i>	Transform Your Facility into a Clean Energy Storage Asset – <i>Doug Poffinbarger, Nostromo Energy</i>	Insulation Behavior and Performance During Severe Water Exposure – <i>Thomas Addison, Smith, Aspen Aerogels Inc.</i>	Caterpillar and District Energy St. Paul CHP with 100% Hydrogen Project – <i>Chris Peterson, Ever-Green Energy; Thomas Smith, Caterpillar</i>

WEDNESDAY, JUNE 7 – cont'd

12:15 pm – 1:30 pm **IDEA Annual Business Meeting and Recognition Luncheon – *International Ballroom North***
Sponsored by *Thermo Systems & Trane*

1:30 pm – 2:10 pm **Dessert and Coffee Networking Break with IDEA Business Partners – *Stevens Salon D***
Raffle prizes awarded. Must be present to win.
Sponsored by *Stanley Consultants*

Poster Presentations – *Continental Ballroom Foyer*

2:15 pm – 6:00 pm **Exhibit Hall Tear Down – *Stevens Salon D***

6A – Public Private Partnerships to Accelerate Investment in Energy Infrastructure <i>Moderator: Rick Kinsinger, Ecosystem Energy Services</i>	6B – Cybersecurity & Best Practices in Hardening Utility Infrastructure <i>Moderator: Tim Peer, Bond Brothers, Inc.</i>	6C – Community Energy & Master Planning <i>Moderator: Daniel Dixon, EPRI</i>	6D – CHP as a Decarbonization Strategy <i>Moderator: Chase Davis, RMF Engineering</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South

2:15 pm – 2:40 pm

Innovative P3 Finance, Design and Operation Solutions Used to Meet Campus Carbon Reduction Goals – *David Compton & Jesse Cabrera, Stanley Consultants*

District Plant Monitoring: A Security – First Framework – *Eoin O'Driscoll, DSA; Rory Peters, Ever-Green Energy*

The Next Evolution for The Oldest Continuously Operated Steam System in the World – *Michelle Swanson, RMH Group; Joe Schwark, Xcel Energy, Denver District Cooling*

Combined Engine Exhaust Solutions in CHP – *Dan Howland, Array Industries Inc.*

2:45 pm – 3:10 pm

A Unique P3 Partnership in District Energy – City of Richmond, British Columbia – *Travis Hickford, Kulak, Corix Utilities Inc.; Alen Postolka, Lulu Island Energy Corporation*

Hardening of ICS Using a Defense-in-Depth or Layered Approach – *Brian Klein, Architect of the Capitol*

Rapid Community – Wide District Energy Planning in New Glasgow, Canada – *Jean Blair, TorchLight Bioresources*

Decarbonizing UIC through Combined Heat and Power – *Graeme Miller & Andy Mitchell, University of Illinois Chicago*

3:15 pm – 3:30 pm **Refreshment Break – *Continental & International Foyers***
Poster Presentations – *Continental Ballroom Foyer*

7A – Controls, Metering & Energy Management <i>Moderator: Serge Zinger, Thermo Systems, LLC</i>	7B – District Energy Systems for the Modern World <i>Moderator: Paul Zmick, University of Virginia</i>	7C – Maximizing System Efficiency <i>Moderator: Garrett Roberts, Trane</i>	7D – Canadian District Energy <i>Moderator: Bob Smith, RMF Engineering, Inc.</i>
Continental Ballroom A	Continental Ballroom B	Continental Ballroom C	International Ballroom South

3:35 pm – 4:00 pm

Results of Smart Controller Tests in the Heat Network of Brescia, Italy – *Dirk Vanhoudt, VITO/EnergyVille*

Considerations for Noise Control Design in Retrofit Combined Heat and Power Plants for Healthcare Facilities – *Matthew Downey, Parklane Mechanical Acoustics*

Senākū: Heating Canada's Largest Zero – Carbon Rental Community with Sewer – *Kieran McConnell, Creative Energy*

Toronto's District Heating Decarbonization Strategy – *Carson Gemmill, Enwave Energy; Gerard MacDonald, Reshape Infrastructure Strategies*

4:05 pm – 4:30 pm

Putting "Big Data" To Work: SCADA and Energy Management – *Mary Quintana, Scott Johnstone, & Drew Cullen, Brock University*

Next Generation Health Care Infrastructure Heating and Cooling – *Ed Kiser, World Energy Innovations LLC (WEI); Robert Berninger, Memorial Sloan Kettering Cancer Center*

Texas Hospital Realizes Energy Savings as Part of Core Mission – *Ashley Downes, Bernhard*

Geo-Exchange in the District Energy Industry – *Danielle Kubiszyn & Chris Wilson, Enwave Energy Corporation*

4:35 pm – 5:00 pm

Vibration Analysis Prevents Equipment Failure – *Dominika Steinova, Johnson Controls*

Stanford University – 10+ Years of HW and CW Hydraulic and Temperature Modeling Use – *Thomas Lund – Hansen, REO*

Hybrid Machine Learning and First Principles for Predictive Heat Exchange and Thermal Efficiency Monitoring Solutions – *Ícaro Zelioli, Radix Engineering and Software*

Decarbonizing District Heating Water Systems at Scale – *Shane Ravindranath & Cameron Leitch, Enwave Energy Corporation*

THURSDAY, JUNE 8

7:45 am – 9:00 am **Breakfast Briefing with Pre-Tour Overview Presentation – *Continental Ballroom A/B***

9:15 am – 1:00 pm **Technical Tours**

Tour A – Visits CenTrio Plants 1 and 5 and then will go to O'Hare International Airport to drop off at approximately 12:15 pm.

Tour B – Visits CenTrio Plants 2 and Plant 6 at the Old Post Office and then will return to the hotel at approximately 11:15 am.

Pre-registration required to attend.

POSTER EXHIBITS

Poster #1	VFD Electrical System Efficiency Solutions Comparison for District Energy – <i>Juliano Santos & Louis R. Hill, ABB Inc.</i>
Poster #2	Liquid Hydrogen Storage Technologies – <i>Dennis Bass, CB&I</i>
Poster #3	Pappas Hospital CHP Project – <i>Tursun Tohti, CHA Consulting Inc</i>
Poster #4	Addressing Challenges in Town Center Microgrid Applications – <i>Bryson Upper, CHA Consulting, Inc.</i>
Poster #5	Up Front Considerations for Solar Photovoltaic (PV) Feasibility and Electric Vehicle (EV) Charging – <i>John Edwards, Commonwealth Associates, Inc.</i>
Poster #6	Steam Loss Control Monitoring System and Method For Steam Traps In The Ecopetrol Company – <i>David Lagarejo, Zircular Corp</i>
Poster #7	Brownfields to Blue Horizons: Bringing Innovation to Peel's Waterfront – <i>Frank Pugliese & Farsad Salehzadeh, Region of Peel</i>
Poster #8	Going Behind the Meter: G&W Electric's Microgrid – <i>Kate Cummings, G&W Electric</i>
Poster #9	Water Optimization & Reuse – <i>Chris O'Brien, Coho Climate Advisors, an ERM Group Company; Josh Laskey, George Washington University</i>
Poster #10	Successful Design Tactics within Mechanically Restrained Underground Hydronic Piping Systems – <i>Patrick Eddy & Jason Willeford, Jacobs</i>
Poster #11	AI and Software for Optimized Distributed Generation Asset Management – <i>Joe Hayden, GridBeyond</i>
Poster #12	Decarbonizing Miami University Using Geothermal Exchange – <i>Olivia Herron, Miami University; Doug Hammerle, MEP Associates, a Salas O'Brien Company</i>
Poster #13	Digital Boilers: Low Cost Baseload Electrification with Bitcoin – <i>Jennifer Zee, MintGreen</i>
Poster #14	UT Dallas Renewable Energy Strategy – <i>Gary Cocke, University of Texas Dallas; Chris O'Brien, Coho Climate Advisors, an ERM Group Company</i>
Poster #15	LittleCitHy: Hydrogen For Buildings – Energy Flexibility And Greenhouse Gases (GHG) Emissions Reduction – <i>Valentin Gavan, Engie</i>

SAVE THE DATES



CampusEnergy2024

BRIDGE TO THE FUTURE

February 20 – 23, 2024

Hilton San Francisco Union Square | San Francisco, CA



IDEA2024

June 17 – 20, 2024

Renaissance Orlando at SeaWorld | Orlando, FL



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