

Preliminary Program as of 1.26.24
TIMES AND CONTENT SUBJECT TO CHANGE

Monday, February 19					
10:30 am – 1:00 pm	CLOSED MEETING – IDEA Executive Committee Meeting & Luncheon – Marina Room				
12:00 pm – 5:00 pm CLOSED MEETING – IDEA Board of Directors Luncheon & Meeting – Plaza A					
3:00 pm – 6:00 pm Registration Open – Yosemite Foyer					
6:00 pm – 8:00 pm	Board Dinner				

	Tuesday, February 20						
7:00 am – 7:00 pm	Registration Open – Yosemite Foyer	Registration Open – Yosemite Foyer					
7:00 am – 8:00 am	Workshop Breakfast – For registered Wor	kshop participants – Franciscan A-	-D				
7:00 am – 7:30 am	Workshop Speaker and Moderator Orientation Meeting – Yosemite A-B  Breakfast will be served for speakers and moderators. Must attend if you are speaking or moderating on this day.						
8:00 am – 4:00 pm	Thermal Distribution Workshop – Separate registration fee required, see separate program for detailed content – Imperial A						
8:00 am – 4:00 pm	Emerging Tech in District Energy Worksho	<b>op</b> – Separate registration fee requ	uired, see separate program for deta	ailed content – <i>Imperial B</i>			
12:00 pm – 4:00 pm	<b>Exhibitor Table Set Up</b> – <i>Grand Ballroom B</i> <b>Poster Presentation Set Up</b> – <i>Yosemite Fo</i> y						
12:00 pm – 1:00 pm	Workshop Luncheon – For Distribution an	d Emerging Tech Workshop atten	dees only – <i>Franciscan A-D</i>				
1:00 pm – 3:30 pm	District Energy 101 Symposium with YPG	– Plaza B					
4:00 pm – 5:00 pm	Campus Forum Meeting – Plaza A A forum for open dialogue among college/university campus energy personnel only. (Limited to campus system owners only.)  District Energy Women's Initiative (DEWI) Forum Meeting – Yosemite A-B  Young Professionals Group (YPG) Forum Meeting – Plaza B Foyer						
5:00 pm – 6:30 pm	5:00 pm – 6:30 pm  Opening Reception with Business Partner Exhibitors – Grand Ballroom B Sponsored by CenTrio, Eaton & Johnson Controls						

	Welcome Event – Join IDEA for a special welcome event on Tuesday evening at SPIN San Francisco to meet up and mingle with conference
6:30 pm – 9:00 pm	attendees in a fun setting.
	Sponsored by Cordia & Empower

	Wednesday, February 21
7:00 am – 7:00 pm	Registration Open – Yosemite Foyer
7:00 am – 7:50 am	Continental Breakfast with Business Partner Exhibitors – Grand Ballroom B  Sponsored by Eavor Technologies & Ecosystems Energy Services
7:00 am – 7:45 am	Speaker and Moderator Orientation Meeting – Yosemite A-B Breakfast will be served for speakers and moderators. Must attend if you are speaking or moderating on this day.
8:00 am – 8:30 am	Conference Opening – Grand Ballroom A Introductions – Rob Thornton, IDEA President & CEO Welcome to IDEA – Carlyle Coutinho, CEO, Enwave and Chair, IDEA Welcome to San Francisco – Conference Co-Hosts - Earl Collins, CEO, Cordia and Gerry Hamilton, Director Facilities & Energy Management, Stanford University
8:30 am – 10:00 am	Opening Plenary Panel Discussion: Grand Ballroom A  Panelists:  Gerry Hamilton, Director, Facilities & Energy Management, Stanford University Sally McGarrahan, Associate Vice Chancellor of Facilities Services, University of California, Berkeley Tom Nyquist, Executive Director of Facilities Engineering and Campus Energy, Princeton University Mary Quintana, Director, Asset Management & Utilities, Brock University Lindsey Rowell, Chief, Office of Energy, Sustainability & Transportation, Office of the Chancellor, California State University Ron Saporta, Chief Operating Officer, University of Toronto Megan Sterl, Director of Engineering & Utilities, Facilities Management, Montana State University Paul Zmick, Director, Engineering & Utilities, University of Virginia Moderated by Rob Thornton, IDEA
7:45 am – 4:00 pm	Spouse/Guest Tour – Muir Woods/Wine Country Tour. Must be 21+ to experience Wine Tastings (government-issued Photo ID required).
10:00 am – 10:40 am	Refreshment Break with Business Partner Exhibitors – Grand Ballroom B  Sponsored by Affiliated Engineers & Truburn by Lifecycle Renewables  Poster Presentations – Yosemite Foyer

10:45 am – 12:10 pm	1A: Decarbonizing with  District Energy  Imperial A  Moderator: Bob Mancini, Ecosystem Energy	1B: Master Planning & Climate Action Plans Imperial B Moderator: Roger Copeland, Burns Engineering	1C: District Energy & CHP Case Studies Plaza A Moderator: Bob Salvatelli, NextEra Distributed Water	1D: Microgrids for Resiliency Plaza B Moderator: Todd Begeman, Eaton	1E: Planning for the Future on the West Coast Golden Gate 6-8 Moderator: Kevin Fuller, CHA
10:45 am – 11:10 am	Heat Recovery from District Cooling Networks – Michael Conte, FVB Energy Inc.	Strategic Planning for Early Wins and Future Gains: Energy Master Planning at Denison University – Sean McFarling, Ever-Green Energy	Repowering the 1997 IDEA System of the Year UCLA – Curtis Lovelace, R.G. Vanderweil Engineers	Gallaudet University Microgrid: A Focus On Campus Resilience – Justin Nieves, Scale Microgrid Solutions; David Good, Gallaudet University	UC Davis' Journey Toward Optimizing Electrical Grid Responsiveness – David Trombly & Joseph Yonkoski, UC Davis
11:15 am – 11:40 am	From Checkpoints To Compliance A New Playbook For Collaboration –Ron Saporta, University of Toronto	Decarbonizing SUNY Cortland From Centralized System to Decentralized System and Beyond – Tim Erwin, Ramboll	UVA Chiller Optimization with Automatic Tube Cleaning: A 10 Year Review – Michael Crocker, Innovas Technologies; Justin Callihan, University of Virginia	Unleashing the Power of Microgrids at Healthcare Facilities – Ryan De La Cruz, Endurant Energy	University of California System Decarbonization Planning – Maric Munn, San Timoteo Energy Associates; Sarah Lisker, University of California Office of the President
11:45 am – 12:10 pm	Green Heat Scalable Energy Centre – Niall Pidgeon & Andrew Henderson, FVB Energy Inc.	University 10 Year MV Electrical Master Planning & Implementation of Design – Hailey Slamka, CHA; Nikolai Terpak, University of Rochester	Transforming Campus Energy Systems with Unique Waste Heat Recovery Models on Combined Heat and Power Systems – Nate Turner, NLine Energy, Inc.; Kevin Kanoff, Penn State Health	Behind or In Front of the Fence: Comparing Recent CHPs Developed with Utilities – Mike Larson & Greg Martin, DTE Vantage	Lessons Learned During the First Phase of De- carbonizing UC Davis — Joanna Pyun, Affiliated Engineers Incorporated; Dan Golde, University of California, Davis Design and Construction Management
12:15 pm – 1:45 pm	Campus Energy Recognition and Networking Luncheon – Grand Ballroom A Sponsored by BOND, Chem-Aqua, NextEra Energy Resources, Solar Turbines & Trane				
1:45 pm – 2:25 pm	Dessert & Coffee with Business Partner Exhibitors & DEWI Meetup— Grand Ballroom B  Sponsored by Stanley Consultants  Poster Presentations — Yosemite Foyer				

2:30 pm – 3:25 pm	2A: Decarbonizing with  District Energy  Imperial A  Moderator: Fraser Ringel,  Jacobs	2B: Optimization & Efficiency Imperial B Moderator: Jesse Cabrera, Stanley Consultants	2C: California District Energy Plaza A Moderator: Meghan Riesterer, CenTrio	2D: Nuclear in District Energy Plaza B Moderator: Aaron Bolhous, CHA	<b>2E: Danish District Heating</b> <i>Golden Gate 6-8 Moderator: Lars Hummelmose, DBDH</i>
2:30 pm – 2:55 pm	Geo Solar: Net Zero District Energy in Cold Climates— James Bererton, Stantec	Optimizing Return Temperatures from Buildings: Lessons learned from Stanford University's Steam to Hot Water Conversion – Gerry Hamilton, Stanford University	Transforming Downtown Los Angeles' Energy Infrastructure and Community – Johnny Schwarz, Burns & McDonnell; Adam Weyer & Carlos Del-Cid, CenTrio	District Energy Survey for Utilizing Nuclear Energy – Caleb Tomlin, EPRI	Experiences from Denmark: District Energy Best Practices, Innovations & Solutions – Gustav Winding, Ministry of Foreign Affairs of Denmark; Janus
3:00 pm – 3:25 pm	Creating The Five Smartest Blocks in the World: Achieving Zero Energy Improved Occupant Experiences and Forward Looking Development Through Innovative Collaboration – Matt Allen, McKinstry; John Gibson, Avista Utilities; Emilie Bolduc, EDO Energy	Creative Pursuits With High Temperature Heat Pumps – Adrian Marticorena & Curtis Rager, Johnson Controls International PLC	Optimizing Clean Firm Capacity for the CA Grid through Controlled Environment Agriculture (CEA) with CHP and Carbon Capture and Usage – Carol Denning, Energy Pathways	Bridging the Divide, Part 2: MORE Guidance for Nuclear Manufacturers to Focus on District Energy Solutions – Nathan Ninemire & Jacob Welsh, Burns & McDonnell; Caleb Tomlin, EPRI	Hartmeyer Christiansen, Niras; Christian Ingerslev Sørensen, EMD International A/S; Thomas Bejerholm Hansen, COWI; Andreas Zourellis, Aalborg CSP A/S; Carl Vreugde, Logstor/GF Urecon; Neil Breen, Ramboll; Torben Kirkegaard, Energy and Climate Academy
3:30 pm – 4:10 pm	Refreshment Break with Bu Sponsored by Brightcore Ene Poster Presentations – Yose		Grand Ballroom B		

4:15 pm – 5:10 pm	3A: Decarbonizing with  District Energy  Imperial A  Moderator: Tim Erwin,  Ramboll	3B: UC Berkeley: Embracing Change Imperial B Moderator: Jared Markle, RMF	3C: Decarbonizing with Heat Recovery Chillers Plaza A Moderator: Rajesh Dixit, Johnson Controls	3D: Nuclear in District Energy, Cont'd Plaza B Moderator: Paul Zmick, University of Virginia	3E: Attracting & Retaining Talent in the DE Industry Golden Gate 6-8 Moderator: Sylvia McIvor, University of Illinois
4:15 pm – 4:40 pm	Central Plant and Green Steam is Safe, Reliable & Secure – Anthony Ranallo, Boilersource; Suzan Sun-Yuan, Environmental System Design; Patrick Lach, Maxi-Therm	UC Berkeley's Path to a Clean Energy Microgrid – Krista Murphy, Affiliated Engineers Inc.; Kira Stoll, & Sally McGarrahan, University of California, Berkeley	Electrifying Heating Hot Water with Heat Pump Chillers at UT Austin to Enable Decarbonization; Building Bridges to the Future – Jason Willeford, Jacobs; Adam Keeling, The University of Texas at Austin	Decarbonization with Small Modular Reactors in District Energy Systems – Louie Shoukas, Markham District Energy Inc.	Promoting Retaining and Attracting Women in Facilities and District Energy – Coleen Barsley, California State University Northridge
4:45 pm – 5:10 pm	Swarthmore College Standby Power Generation – Benjamin Ross, Bond Brothers, Inc.; Domenic Porrini, Swarthmore College; Jason Hutchins, CHA Consulting	Clean and Resilient Campus Energy Systems  – Bri Colon, U.S. Department of Energy; Bruce Chamberlain, University of California, Berkeley	Improving Effectiveness of HRCH Applications – Joe Witchger & Brendan Huss, HGA; Mike Hanson, University of Wisconsin- Madison	Navigating the Facts of Nuclear in District Energy – Bryce Johnson, University of Nebraska System; Kati Austgen, NEI	Broadening Roles of Women in District Energy Moderated by Laura Duncan, Gilsulate Panelists include: Jenae Batt, Ever-Green Energy; Jacky Kinson, CDM Smith; Joan Kowal, Jacobs; Jennifer Meisenhelder, Univ. of Florida
5:15 pm – 6:45 pm	Cocktail Reception with Bus Sponsored by CenTrio, Eator Poster Presentations— Yose	a & Johnson Controls	PG Meetup – Grand Ballroom	В	

	Thursday, February 22					
7:00 am – 5:30 pm	7:00 am – 5:30 pm Registration Open – Yosemite Foyer					
7:00 am – 7:50 am  Continental Breakfast with Business Partner Exhibitors – Grand Ballroom B  Sponsored by IC Thomasson & Whiting Turner Contracting Company						
7:00 am – 7:45 am	Speaker Orientation Meeting – Yosemite A-B Breakfast will be served for speakers and moderators. Must attend if you are speaking or moderating on this day.					
9:00 am – 3:00 pm	Spouse/Guest Tour – Hop On Hop Off San Francisco Tour					

			4C: Controls,	4D: System Expansion,	
	4A: Decarbonizing	4B: The Stanford Story	Monitoring, Metering,	Modernization &	4E: Geothermal
0.00	with District Energy	Imperial B	& Data Management	Renewal	Golden Gate 6-8
8:00 am – 9:55 am	Imperial A	Moderator: Lalit Agarwal,	Plaza A	Plaza B	Moderator: Neil Ethier,
	Moderator: Mitch	EnergyCAP	Moderator: Grant Kircher,	Moderator: Rob Neimeier,	Eavor
	DeWein, CHA		Thermo Systems	Ramboll	
8:00 am – 8:25 am	Decarbonization Strategies to Meeting Sustainability Targets— Jason Denue, Wendel; Francois Gressier, ENGIE North America Inc.	Stanford SESI Over a Decade of Innovation – Nathan Cesarz, & Colin Moyer, Affiliated Engineers, Inc.; Bradley Apigo, Energy Operation Stanford University	UT Austin Energy Hub - How Data Unlocks Operational Performance and Builds Research Partnerships – Amanda Berens & Kingsley Nweye, University of Texas at Austin	Digital Transformation at Virginia Tech: Data Aggregation Enabling Improved Operations – Eoin O'Driscoll, DSA Inc.; Mary-Ann Ibeziako, Virginia Tech	Design and Optimization of Central Heat Pump Plant: Case Study - World Financial Center - Lower Manhattan – Travis Smith, Smith Engineering
8:30 am – 8:55 am	Decarbonization & Electrification of ASU's Polytechnic Campus – Jeffrey Duncan, Vanderweil Engineers; Alex Kohnen, Arizona State University	The Latest Phase of District Energy Control & Optimization at Stanford University – Mark Thompson, Johnson Controls; Bradley Apigo, Energy Operation Stanford University	The Success Of Analyzing BAS Trend Data In Hospitals Through Existing Building Commissioning To Increase Energy Efficiency, Improve Operations, And Maintain Comfort – Amin Isazadeh, Texas A&M University; Sebastian Eluvathingal, Texas A&M Engineering Experiment Station (TEES)	Distribution System Life Extension - An Alternative to Tunnels — Elizabeth Nolder, RMF Engineering, Inc.; Dan Rines, University of New Hampshire	Complexities and Challenges of Networked Geothermal – Jacky Kinson, Tim Ashmore, & Jon Welch, CDM Smith
9:00 am – 9:25 am	Understanding and Quantifying the Decarbonization Benefits of CHP in Campus District Energy Systems: University of Missouri Case Study – James Wilbur, University of Missouri; Graeme Miller, US DOE Midwest CHP Technical Assistance Partnership	Thermal Hydraulic Modeling – Giovanni Alvarez & Christopher Dolan, Stanford University	Development Of Campus Energy And Meter Health Dashboards – Aaron Mason, Hawkeye Energy Solutions; Robbie Bauer, University of Illinois	Re - envisioning the SFU Central Heating System – Gary Saskiw, FVB Energy	Preparing to Commission Your Geothermal, Chilled, or Heating Water Piping Through Proper Flushing and Purging – Russell Buras, PurgeRite

9:30 am – 9:55 am	Western University's Heating District Future— Genevieve Lussier, Eequinox; Heather Hyde & Joan Ang, Western University	SESI Cost and GHG Savings after Nine Years of Operation – Andrew Lau-Seim & Magdalena Brum, Stanford University	A Plant Reliability Program that Drives Energy Optimization – Brandyn Carlson, Altura; Ryan Trickett & Raymond Shell, University of Washington	Campus Modernization The Untold Stories – Meghan Riesterer, CenTrio; Martha Larson, RMF Engineering; David Woodson, University of Washington	Google's Moffett Park District Energy System Setting the Platform for a Net Zero Campus – Michael Burns, Ever- Green Energy; Drew Wenzel, Google
10:00 am – 10:40 am	Refreshment Break with B Sponsored by CHA Consulti Poster Presentations – You	-	Grand Ballroom B		
10:45 am – 12:10 pm	5A: Decarbonizing With District Energy Imperial A Moderator: David Jansa, KFI Engineers	5B: Business Models & Financing Strategies Imperial B Moderator: Joanna Pyun, Affiliated Engineers, Inc.	5C: Data Monitoring and Accounting on Campus Plaza A Moderator: Barry Beck, IC Thomasson	5D: Energy Water  Nexus  Plaza B  Moderator: Paul Lioce,  Chem-Aqua	<b>5E: Geothermal, Cont'd</b> <i>Golden Gate 6-8 Moderator: Jacky Kinson, CDM Smith</i>
10:45 am – 11:10 am	Decarbonizing the Swedish First Hill Hospital: Campus Solution, Community Potential – Diego Mandelbaum, Creative Energy	Implementing a Sustainable Utility System at Mission Rock in San Francisco – Michael Ahern, Ever- Green Energy	Carbon Accounting 101 – Lalit Agarwal, EnergyCAP, LLC; Sarah Crawford- Theurkauf, IDEA	Rethinking Chemical Treatment Program Design for District Energy Systems: A Biochemical Approach – Henry Becker, Earthwise Environmental, Inc.; Mark Geronime, Milwaukee Regional Medical Center	Geothermal Retrofit Solution at Bard College – Dave Hermantin, Brightcore Energy
11:15 am – 11:40 am	Leveraging Customizable Resource Consumption Informatics for Sustainability Education: EMU & CenTrio P3 Collaboration – Darrel Tremaine & Meghan Riesterer, CenTrio	Energy and Utilities as an Enterprise: An Example of a Self-Funded Business – Paul Zmick, University of Virginia	Princeton University - Modeling Carbon Neutrality in a Changing World – Lindsey Olsen, Salas O'Brien; Edward "Ted" Borer, Princeton University	Managing Water Costs in an Urban Campus – Charlie Barnett, Coho; Josh Lasky, George Washington University	A Good Idea Gets Better: Even Greater Geothermal Efficiency – Jeff Urlaub & Brian Urlaub, Salas O'Brien

11:45 am – 12:10 pm	Pittsburgh. Ready for Tomorrow, Today – Mark Schneider, Cordia	Driving Campus Energy Efficiency: Unleashing Substantial Savings with Small Energy Performance Contracts – Sylvia McIvor, University of Illinois at Urbana- Champaign; Ben Erpelding, Optimum Energy	Data Center Heat Re-Use as a Campus Decarbonization Strategy – Gerard MacDonald, Reshape Strategies	Heat Recovery Combined with Water Reuse – Bob Salvatelli, NextEra Distributed Water;	District Geothermal System for an Affordable Housing Community — Celine Damide & Cameron Best, Brightcore Energy
12:15 pm – 1:45 pm	Campus Energy Recognition and Networking Luncheon – Grand Ballroom A Sponsored by Burns & McDonnell, Jacobs, Ramboll & Thermo Systems				
1:45 pm – 2:25 pm	Dessert & Coffee with Business Partner Exhibitors – Grand Ballroom B  Sponsored by Wiley Wilson  Poster Presentations – Yosemite Foyer				
2:30 pm – 6:00 pm	Exhibit Hall Tear Down – G	Grand Ballroom B			
2:30 pm – 3:55 pm	6A: Decarbonizing in the Northeast Imperial A Moderator: Sam Olmstead, Yale	6B: Heating with Low Temperature Hot Water Imperial B Moderator: Nathan Cesarz, Affiliated Engineers, Inc.	6C: Net Zero Energy Communities Plaza A Moderator: Travis Hickford-Kulak, Corix	6D: Energy Water Nexus Cont'd Plaza B Moderator: Suresh Jambunathan, Energy and Water Development	6E: Thermal Energy Storage Golden Gate 6-8 Moderator: Brian Wodka, RMF
2:30 pm – 2:55 pm	Decarbonizing SUNY Comparative Analysis and Investment Indicators of Over 50 Low Carbon Scenarios Across 11 Campuses – Robert Neimeier, Ramboll; Lachlan Squair, State University of New York at Oneonta	Using a Heat-Recovery Chiller to Heat and Decarbonize a Special Collections Library at Dartmouth College – Alexandre Briere, Eequinox; Scott Hening, Dartmouth College	Vicinity Energy Kendall Station Heat Pump Project - Boston/Cambridge MA – Christopher Hastings, R.G. Vanderweil Engineers, LLP; Brian Mueller, Vicinity Energy	Advanced Water Conservation Strategies at CSUN – Austin Eriksson, California State University, Northridge	Unlocking District Energy Efficiency: Exploring Brenmiller Energy's Thermal Energy Storage System at SUNY Purchase College – Doron Brenmiller, Brenmiller Energy

3:00 pm – 3:25 pm	Vicinity Kendall Station Electrification Phase 1 – Anthony Lepo, Affiliated Engineers; Patrick Gillooly, Vicinity Energy	Heating With Low Temperature Hot Water – Dan Gentry & Morgan Hartman, Trane	Natural Refrigerants Revisited –Rajesh Dixit, Johnson Controls International PLC	Are You Protecting Your Assets? Optimizing Water Chemistry Treatment & Control to Ensure Reliable Steam & Cogeneration Systems – Daniel Dixon, EPRI	Penn State University TES Study Findings — Chris Vaughan, Burns & McDonnell; Glenn Lelko, Penn State University
3:30 pm – 3:55 pm	Decarbonizing Amherst College by 2030: We Have a Pipe Dream – Lindsey Olsen, Salas O'Brien; Aaron Hayden, Amherst College	UVA's M R-4 Research Building HW Retrofit Compliments LTHW Conversion – Jeff Creighton, Flow Control Industries, Inc.; Jason Simmons, University of Virginia	Hubba Hubba Transforming District Energy Systems With Energy Hubs – Adam Shelly, Ecosystem Energy Services; Kevin Turner, Georgetown University; Andy Ludwig, ENGIE North America Inc.	Conserve and Save with Reliable Building Data – Amber Artrip, EnergyCAP, LLC; Sean Finegan, University of Texas Medical Branch in Galveston (UTMB)	Energy Storage Comparing Battery Storage with Thermal Energy Storage TES – Larry Henkel, CB&I
4:00 pm – 4:15 pm	Refreshment Break & Post	er Presentations – Yosemite F	oyer		
4:15 pm – 6:00 pm	Poster Tear Down – Yosen	nite Foyer			
4:15 pm – 5:10 pm	7A: Decarbonizing in the Northeast, Cont'd Imperial A Moderator: Dave Smith, Burns Engineering	7B: Optimizing District Energy Systems Imperial B Moderator: Mark Atkinson, Wiley Wilson	<b>7C: Future Energy</b> Plaza A Moderator: Jesse Conklin, BOND	7D: Connecting Campuses & Communities Plaza B Moderator: Lisa Vitale, Brightcore Energy	7E: Improving Controls at Stanford University Golden Gate 6-8 Moderator: Garrett Roberts, Trane
4:15 pm – 4:40 pm	Seawater Heat Pumps for Campus Decarbonization – Andrew Kozak, BR+A Consulting Engineers	Process Safety and Operational Risk Management Resulting in High-Reliability Operations – Malcolm Bambling, University of Michigan	CU Boulder's Hydrogen Steam Boiler Zero NOx zero CO – Dean Moretton, Hydrogen Technologies LLC; Alex Warring, University of Colorado - Boulder	Demonstrating The Benefits of A Campus- Ready Microgrid – Robert Kirslis, Eaton Corporation	Cooler: Improved Management of Chilled Water and Energy Through Advanced Data Analytics and Control – Jacques de Chalendar, Stanford University

4:45 pm – 5:10 pm	Low to No Carbon P3 Project Updates – Chris DePodesta, Harrison Street	From Steam to Sustainability: Princeton and the University of Oregon's Energy Evolution – Justin Grissom, Burns & McDonnell; Jeff Madsen, University of Oregon; Edward "Ted" Borer, Princeton University	Decarbor Through Energy Fe – Ed Kore Mohamm	to Achieving nization Goals Renewable easibility Studies	Thermal Energy Networks: Connecting Campuses to Communities – Laura Christie, CHA Consulting	Stanford Central Energy Facility (CEF) Controls Migration – Ali Tamer, Thermo Systems; Andrew Lau-Seim, Stanford University
	Campus Forum Meeting – Imperial B		Business Partner Forum Meeting – Franciscan A - B			
5:15 pm – 6:15 pm	A forum for open dialogue among college/university campus			A forum for manufacturers/suppliers, service providers, operators,		
	energy personnel only. (Limited to campus system owners only.)			developers and those not directly employed with a campus energy system.		

Friday, February 23				
7:30 am – 8:50 am	Breakfast and Technical Tour Presentations – Plaza Room Sponsored by Affiliated Engineers			
	Technical Tours – Advanced registration required.			
9:00 am – 5:00 pm	Technical Tour A – Stanford University and Google's Sunnyvale Campus The bus will drop participants at SFO Airport at about 3:45 pm and then will return to the hotel around 5:00 pm			
9:10 am – 11:30 am	Technical Tour B – Cordia San Francisco & Hilton Hotel(no airport drop off)			
10:00 am – 12:00 pm	Technical Tour C – Hilton Hotel & Cordia San Francisco (no airport drop off)			

Posters				
Poster 1	Weill Cornell Medicine Campus Optimization – Kelby Hohler, Smith Engineering; Akhil Soman, Weill Cornell Medicine			
Poster 2	Advancing Chilled Water Plant Optimization with Production-Side Strategies –Tim Stewart, Exergenics			
Poster 3	Combined Engine Exhaust Solutions in CHP – Daniel Howland, Array Industries Inc.			
Poster 4	Using Dispatch Optimization Software to Decarbonize without Infrastructure Changes – Harry Shapiro, Dispatchr Technologies			
Poster 5	Enhancing Cooling Tower Efficiency – Karim Khalil, Infinite Cooling			
Poster 6	Utilizing Transport Membrane Condenser (TMC) for District Heating Applications – Sunil Deoras, Green Swans Llc			

Poster 7	Geothermal and Rainwater Harvesting Systems to Eliminate Cooling Tower Water Use – Andrew Kozak, BR+A Consulting Engineers
Poster 8	Innovation, Expansion, and Modernization of a Casino CUP—Brendan Huss & Joe Witchger, HGA
Poster 9	UC Santa Cruz: A Community Approach to Fossil-Free Utilities – Charlie McGowan, Affiliated Engineers, Inc
Poster 10	Microsoft Thermal Energy Center - Leading the Charge on Electrification – Robby Oylear, Affiliated Engineers, Inc.
Poster 11	Balancing Decarbonization and Regulatory Compliance: University of Denver and AEI Perspectives – David Conant Gilles, Affiliated Engineers, Inc.; Lynn Bailey & Joseph Denfeld, University of Denver
Poster 12	Don't Push Against Closed Valves! – Rory Peters & James Lescher, Ever-Green Energy
Poster 13	Geothermal Solutions for Campuses: Inclined vs. Vertical Borehole Theory & Delivery – Yaning Zhang & Joshua Soble, Celsius Energy
Poster 14	Bridge to the Future of Decarbonization – Mark McCarville, Clarke Energy
Poster 15	Increasing safety and efficiency in district energy networks with hydraulic valve operation – Petri Tuominen, Vexve Oy
Poster 16	Campus Steam to Hot Water Conversion Benefits – Niall Pidgeon, FVB Energy
Poster 17	Utility Optimization Minimization Decarbonization – Rajkumar Gnanaraj, Armstrong International
Poster 18	How to Reduce Your Carbon Footprint by Converting to Biofuels – David Eoff, Preferred Utilities Manufacturing Corp.
Poster 19	Fuel Flexible District Energy Case Studies Utilizing H2 Fuel – Christian Mueller & Uday Purani, INNIO Jenbacher