



DISTRICT ENERGY IDEA2026

Connecting Networks

June 23 – 26, 2026 | Ottawa, ON, Canada

CONFERENCE PROGRAM

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Events in the Rogers Centre are indicated with **Orange Rooms**. Events in the Westin are indicated with **Blue Rooms**.

TUESDAY, JUNE 23

6:30 am – 2:00 pm	IDEA Annual Golf Tournament – Pine View Golf Course	
7:00 am – 7:00 pm	Registration Open – Rideau Canal Atrium	
8:00 am – 4:00 pm	Exhibit Setup – Canada Hall 1&2	
7:00 am – 7:55 am	Workshop Breakfast – Trillium Ballroom	
7:15 am – 7:45 am	Mandatory Workshop Presenter & Moderator Orientation Breakfast – Salon 210	
8:00 am – 3:00 pm	Workshop 1: TENs Market Development Salon 205/207	Workshop 2: District Energy & Data Centers Salon 206/208
12:00 pm – 3:00 pm	DE 101 & YPG Forum – Salon 214	
10:00 am – 4:00 pm	Poster Presentation Setup – Parliament Foyer	
3:05 pm – 4:10 pm	Forums – Open meetings for IDEA members to discuss current industry issues by specialty area. • District Cooling Forum – Salon 201 • Future Energy Forum – Salon 202 • Industry Leaders Forum – Salon 209 (intended for General Manager, President and C Level DE Operating System members) • District Energy Women's Initiative (DEWI) – Salon 210 • Safety & Operations – Salon 212	
4:15 pm – 5:45 pm	Ribbon Cutting to Open Exhibit Hall for Business Partners Welcome Reception – Canada Hall 1&2 Sponsored by CenTrio & Enwave Energy Corporation	
	Poster Presentations – Parliament Foyer – Presenters will be available by their posters. Poster presentations are listed at the end of program and in conference mobile app.	
6:00 pm – 9:00 pm	Special Celebration for ESAP at Cliff Energy Centre (Due to size and security constraints, event is invitation only)	

WEDNESDAY, JUNE 24

7:00 am – 6:30 pm	Registration Open – Rideau Canal Atrium
7:00 am – 7:50 am	Breakfast with IDEA Business Partners & Poster Presentations – Canada Hall 1&2 – Sponsored by Ramboll
7:15 am – 7:45 am	Mandatory Orientation Breakfast for Wednesday Presenters & Moderators – Salon 210
8:00 am – 8:20 am	Conference Opening – Confederation Ballroom, 4th Floor Westin Sponsored by Cordia, Empower & Johnson Controls Introductions & Tribal Land Acknowledgment – Robert Thornton, IDEA President & CEO Welcome to IDEA – David Woodson, University of Washington, IDEA Chair Welcome to Ottawa – Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP), Conference Host

WEDNESDAY, JUNE 24 – Cont'd

8:20 am – 9:15 am	Opening Plenary Panel 1: A Discussion Among Industry Leaders - Connecting Networks Confederation Ballroom, 4th Floor Westin <i>Tom Burton, General Manager, Energy Services Acquisition Program, Equans; Carlyle Coutinho, CEO, Enwave Energy Corporation; Mike Crawley, Executive Chair, Creative Energy; Jacob Graff, Chief Operations Officer, Cordia; Kevin Hagerty, President & CEO, Vicinity Energy; Eric Miller, CEO, CenTrio; Lisa Sparrow, President & CEO, Corix; Moderated by Rob Thornton, President & CEO, IDEA</i>			
9:15 am – 10:15 am	Plenary Panel 2: Global Leaders – An International Perspective on Momentum in District Energy Confederation Ballroom, 4th Floor Westin <i>Ahmad Bin Shafar, CEO, Empower; Samuel Chatterton, Vice President, Johnson Controls, Inc.; Andrej Jentsch, Program Manager, IEA DHC; Conall Mahon, Senior Specialist, District Heating Centre of Excellence, Sustainable Energy Authority of Ireland; Cristina Mariaca, GEDP International Coordinator, United Nations Industrial Development Organization (UNIDO); Meghan Riesterer, Second Vice Chair, International District Energy Association; Tomasz Smetny-Sowa, Senior Program Director, Energy Services Acquisition Program (ESAP); David Woodson, Executive Director, UW Facilities - Campus, Energy, Utilities, and Operations, University of Washington; Moderated by Rob Thornton, President & CEO, IDEA</i>			
10:15 am – 10:55 am	Refreshment Break with IDEA Business Partners – Canada Hall 1&2 – Sponsored by FVB Energy Poster Presentations – Parliament Foyer			
Salon 205/207	Salon 206/208	Salon 213/215	Salon 214	Trillium Ballroom
1A: Why a P3 & Procurement Foundations <i>Moderator: Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP)</i>	1B: Sewer Heat in Action <i>Moderator: Patrick Villaume, Patterson-Kelley</i>	1C: Rewiring the Plant: Practical Pathways to Low-Carbon District Energy <i>Moderator: Bashar Naser, Cimco</i>	1D: Integrating Systems at Scale <i>Moderator: Bryan Kleist, Cordia Energy</i>	1E: System Development, Expansion, and Modernization <i>Moderator: Meghan Riesterer, IDEA Vice Chair</i>
11:00 am – 12:25 pm	11:00 am – 11:25 am			
Why P3? Understanding the Rationale behind ESAP's Delivery Model – Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP); Jim Manson, FVB Energy Inc.; Miguel Izquierdo Martin, Transport Canada	Engineering Big Impact in Small Spaces: Lonsdale Energy's Urban Heat Recovery Centre – Justin Chin & Sam Yurkowski, Introba; Luke Gillies, Lonsdale Energy	Innovations and Lessons from Utah City's Modular Central Utility Plant: Real-World Cost and Schedule Advantages – Trevor Mays, UMC; Jeff Giffin, Corix	Leveraging District Energy to Overcome Electric Infrastructure Limitations in Large-Scale Redevelopment – Simon Olivieri, Ramboll	From Legacy Equipment to District Integration: The Transformation of Houston Center – Jim Riley & Tim Kearns, CenTrio
	11:30 am – 11:55 am			
	The City Of Vancouver's Neighbourhood Energy Utility: How It Started, Where We Are Today, And Where We Are Headed – Derek Pope, City of Vancouver	Using Waste-to-Energy in Burnaby's Low Carbon DES – Bryn Elliott, FVB Energy Inc; Janelle Frank, City of Burnaby	Sector Coupling: Smart Electrification Through District Energy – Shiva Prakash, Corix; Kevin Wallace, BC Hydro	Executing the Next Chapter: SAWS District Cooling System Transformation – Jesse Cabrera, Stanley Consultants, Inc.; Orlando Cruz, San Antonio Water System
	12:00 pm – 12:25 pm			
	National Western Center Sewer Heat Recovery System – Tim Kearns, Marcus Lew & Jim Riley, CenTrio	Reducing Carbon Emissions Through Chiller Electrification, Vent Steam Elimination, And Gas Turbine Cogeneration – Jordan Garroway & Craig Avalone, RED-Rochester	From Vision to Reality: Utah City's District Energy Journey – Derek Nelson & Jason Owen, Corix	One Team, One Mission: Lessons in Delivering a \$500M+ Utility Infrastructure Program for a Major Healthcare Campus – Blake Ellis, Burns & McDonnell; Jack Rol, Mayo Clinic; Keane McWaters, Knutson Construction
12:30 pm – 2:00 pm	IDEA Annual Awards Luncheon with special event – Signing Ceremony for a Global Memorandum of Understanding – Confederation Ballroom, 4th Floor Westin Sponsored by Burns & McDonnell, Chem-Aqua, Solar Turbines, Thermo Systems & Trane			
2:00 pm – 2:40 pm	Dessert and Coffee Networking Break with IDEA Business Partners and DEWI Meet Up – Canada Hall 1&2 Sponsored by Stantec Consulting Ltd. Poster Presentations – Parliament Foyer			

WEDNESDAY, JUNE 24 – Cont'd

Salon 205/207	Salon 206/208	Salon 213/215	Salon 214	Trillium Ballroom
2A: P3 Design, Construction, Commissioning <i>Moderator: Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP)</i>	2B: Unlocking Energy Potential with Sewer Heat Recovery <i>Moderator: Ted Borer, Borer Energy</i>	2C: Rethinking Delivery: Financing and Business Models for District Energy <i>Moderator: Blake Ellis, Burns & McDonnell</i>	2D: Policy to Practice: How Codes and Municipal Decisions Shape District Energy <i>Moderator: Aksana Krasatsenka, Euroheat & Power</i>	2E: Heat Pumps at Scale: Technology and Deployment <i>Moderator: Andrew Kozak, BR+A Consulting Engineers</i>
2:45 pm – 3:40 pm		2:45 pm – 3:10 pm		
Design Integration in a P3: Architecture, Innovation, and Public Experience – <i>Tony Cook, PCL; Matthew Aston, WSP; Derek Hardy, bbb Architecture</i>	Unlocking Urban Energy: Sewer Heat Recovery for Surrey’s District Energy Expansion – Aaron McCartie, Associated Engineering; Ayman Fahmy, Kerr Wood Leidal Associates	Energy as a Service – <i>Leslie Fangman, Fangman Associates</i>	The Coded Design: How Developing Building Codes May Drive System Design and Systems May Create New Building Designs – <i>Patrick Villaume, Patterson-Kelley</i>	Future Ready High Capacity High Temperature Heat Pumps – <i>Rajesh Dixit, Johnson Controls; Ivo Eiermann, JCI Germany</i>
		3:15 pm – 3:40 pm		
		Driving Low-Carbon Outcomes Through Sustainability Finance – <i>Sarah Bertollo, Enwave Energy Corporation</i>	Lessons Learned from a Municipal Perspective: How the Town of Whitby Transitioned from a District Energy Path to Deliver One of Canada's First Net Zero Carbon Multi Sport Recreation Complexes – <i>John Rathbone, Rathco ENG Ltd.; Sarah Shields, Town of Whitby</i>	Harnessing the Air: World’s Largest Air-to-Water Heat Pump for District Heating in Helsinki Finland – <i>Alejandro Gorosito, Everllence</i>
3:45 pm – 4:25 pm	Refreshment Break with IDEA Business Partners – Canada Hall 1&2 Sponsored by Stanley Consultants			
	Poster Presentations – Parliament Foyer			
Salon 205/207	Salon 206/208	Salon 213/215	Salon 214	Trillium Ballroom
3A: Transition, Operations and the Future <i>Moderator: Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP)</i>	3B: Tapping the Sewer: Data, Design, and Deployment of Wastewater Heat <i>Moderator: Pat Guccione, Chem-Aqua, Inc.</i>	3C: International District Energy Progress <i>Moderator: Andrej Jentsch, IEA DHC</i>	3D: Planning and Modeling the Energy Transition <i>Moderator: Jesse Cabrera, Stanley Consultants, Inc.</i>	3E: Hybrid & Distributed Thermal Systems <i>Moderator: Chase Davis, RMF Engineering, Inc.</i>
4:30 pm – 5:25 pm	4:30 pm – 4:55 pm	4:30 pm – 5:25 pm	4:30 pm – 4:55 pm	
Transition Phase: Operating Systems and Managing Customer Impacts – <i>Tom Burton, Equans; Charles Leonard, Black and McDonald; Tomasz Smetny-Sowa, Energy Services Acquisition Program (ESAP)</i>	Urban Waste Heat Map of Canada – <i>Raymond Boulter, Natural Resources Canada</i>	District Energy Industry: Country by Country Status Reports – <i>Members of the Executive Committee, International Energy Agency District Heating & Cooling Technology Collaboration Program (IEA DHC TCP)</i>	Maryland’s Approach to State-Wide Renewal for Decarbonization: Modeling for Insights to Make Informed Decisions – <i>Angela Pakes & Josh Hays, Salas O'Brien</i>	Supplying In-Suite Heat Pumps with District Energy: A Unique Approach – <i>Chris Wilson, Enwave Energy Corporation</i>
	5:00 pm – 5:25 pm		5:00 pm – 5:25 pm	
	Sewage Temperature Analysis: Trends and Insights from One of Canada’s Largest Sanitary Networks (Peel Region) – <i>Farshad Salehzadeh, Peel Region</i>		Revitalizing Hamilton’s Steelpoint: A Bold District Energy Vision – <i>Jean-Philippe Drouin-Bouffard, Ecosystem Energy Services; Ryan Rogers, Hamilton Community Enterprises</i>	Extending Geothermal Performance with Hybrid Air-Source Integration in Land-Constrained Thermal Networks – <i>Laura Christie, CHA Solutions</i>
5:30 pm – 6:45 pm	Reception with Business Partners in the Exhibit Hall and YPG Happy Hour – Canada Hall 1&2 Sponsored by Corix & Vicinity Energy			
	Poster Presentations – Parliament Foyer			

THURSDAY, JUNE 25				
7:00 am – 5:00 pm	Registration Open – <i>Rideau Canal Atrium</i>			
7:00 am – 7:50 am	Breakfast with IDEA Business Partners & Poster Presentations – <i>Canada Hall 1&2</i> – Sponsored by Siemens Energy			
7:15 am – 7:45 am	Mandatory Orientation Breakfast for Thursday Presenters & Moderators – <i>Salon 210</i>			
8:00 am – 8:55 am	IDEA Achievements and Industry Recognition Award Session – <i>Confederation Ballroom, 4th Floor Westin</i>			
9:00 am – 9:55 am	Plenary Panel 3: District Energy as an Electricity System Resource – <i>Confederation Ballroom, 4th Floor Westin</i> <i>Frank Cuomo, Director, Commodity Operations, Consolidated Edison; Lars Gullev, Principal Consultant, Gullev DH Advisory; Aksana Krasatsenka, Director of Knowledge Transfer, Euroheat & Power; Janet Taylor, Manager of Sustainability & Strategic Partnerships, Oshawa Power; Kevin Wallace, Senior Program Manager, BC Hydro; Moderated by Katherine Sparkes, Vice President, Grid Solutions, Enwave Energy Corporation</i>			
10:00 am – 10:40 am	Refreshment Break with IDEA Business Partners – <i>Canada Hall 1&2</i> <i>Sponsored by Kerr Wood Leidal</i>			
	Poster Presentations – <i>Parliament Foyer</i>			
<i>Salon 205/207</i>	<i>Salon 206/208</i>	<i>Salon 213/215</i>	<i>Salon 214</i>	<i>Trillium Ballroom</i>
4A: From Steam to Hot Water: Strategies, Implementation, and Results <i>Moderator: Laura Duncan, Gilsulate International, Inc</i>	4B: Geo Systems Deep Dive: Design, Performance, and Optimization <i>Moderator: Dan Gentry, Trane</i>	4C: From Policy to Projects: Unlocking District Energy Through Strategy and Funding <i>Moderator: Sonja Wilson, Reshape Strategies</i>	4D: Delivering Next-Generation Thermal Energy Systems <i>Moderator: Leslie Fangman, Fangman Associates</i>	4E: Community Thermal Networks <i>Moderator: Grant Kircher, Thermo Systems</i>
10:45 am – 11:10 am				
Strategies for Converting Steam District Heating to Low Temperature Hot Water in Legacy Tunnel Networks – <i>Mark Cohen, J.L. Richards & Associates</i>	Aligning Cost & Carbon, Capacity: Decision Science for Geothermal in Industrial Thermal Networks – <i>Angela Pakes, Josh Hays, & Jeremy Beatty, Salas O'Brien</i>	District Energy Readiness: Guidelines for Existing and New Buildings – <i>Ghina Annan & Jeff Schroeder, Stantec</i>	Capturing Particle Accelerator Waste Heat at UBC's Neighbourhood District Energy System – <i>Tom Martin, Corix</i>	Global Strategy & Learnings from the Launch of a Geothermal Network Program at the International Finance Corporation (IFC) of the World Bank Group – <i>Zeyneb Magavi, HEET; Eric Bosworth, Thermal Energy Insights</i>
11:15 am – 11:40 am				
ESAP-Ottawa Hot Water Piping Extravaganza – <i>Carl Vreugde, GF Urecon Ltd.; Tommy Lorenzen, Kingspan LOGSTOR</i>	A Holistic Approach to Hospital Campus Emissions Reduction – <i>Andrew Kozak, BR+A Consulting Engineers</i>	Advancing District Energy Projects with the Green Municipal Fund – <i>Abid Syed, Federation of Canadian Municipalities</i>	Designing for Growth: District Energy Models Incorporating Data Centers, Wastewater Treatment Plants, and Communities – <i>Michael Albertson, SHARC Energy</i>	Decarbonizing A Neighborhood with Michigan's First Municipal Geothermal Utility – <i>Shoshannah Lenski, Ann Arbor Sustainable Energy Utility</i>
11:45 am-12:10 pm				
Early Results of Steam to Hot Water Peak Heating Demand Reductions for ESAP Buildings in Ottawa – <i>Andrew Young, FVB Energy Inc.; Sean Russell, Equans</i>	Alexandra District Energy Utility: 10 Years Later – <i>Constantino Retes, Lulu Island Energy Company; Ayman Fahmy, Kerr Wood Leidal Associates</i>	Navigating District Energy Decarbonization Through Government Relations – <i>Darrel Tremaine & Ian Goeperfer, CenTrio</i>	Scaling Community Energy Infrastructure: Implementing District Energy Expansion in Hamilton – <i>Mairead Kennedy, Rathco ENG Ltd.; Ryan Rogers, Hamilton Community Enterprises</i>	Low-Carbon Energy for Beaver Barracks' Affordable Housing: A Decade of Impact – <i>Alexis Omilion, Corix</i>
12:15 pm – 1:45 pm	IDEA Annual Business Meeting and Recognition Luncheon – <i>Confederation Ballroom, 4th Floor Westin</i> <i>Sponsored by Affiliated Engineers, BTY, ESAP & Green Municipal Fund by FCM</i>			
1:50 pm – 2:25 pm	Dessert and Coffee Networking Break with IDEA Business Partners – <i>Canada Hall 1&2</i> (Raffle prizes to be awarded, must be present to win.) – <i>Sponsored by Yorkville University</i>			
	Poster Presentations – <i>Parliament Foyer</i>			
2:25 pm – 6:00 pm	Exhibit Hall & Poster Tear Down – <i>Canada Hall 1 & 2</i>			

THURSDAY, JUNE 25 – Cont'd

Salon 205/207	Salon 206/208	Salon 213/215	Salon 214	Trillium Ballroom
5A: TENs Performance, Validation, and Next-Gen Models <i>Moderator: Rob Neimeier, Ramboll</i>	5B: Capturing and Delivering Value Through District Energy <i>Moderator: Ayman Fahmy, KWL</i>	5C: Digital Tools for Decarbonization <i>Moderator: Kimberly Greene, 2G Energy Inc.</i>	5D: Flexible Pathways to Deep Decarbonization <i>Moderator: Darrel Tremaine, CenTrio</i>	5E: Financing and Legal Strategies for Energy Projects <i>Moderator: Dan Dixon, EPRI</i>
2:30 pm – 2:55 pm				
Calibrated Hydraulics: Strengthening Confidence in Thermal Energy Network Modeling – <i>Amber MacNeill, Kerr Wood Leidal Associates Ltd</i>	6 Pipes, a Large River Crossing, Congested Streets, and Tight Timelines! How Rathco ENG Overcame Multiple Engineering Design Challenges at the Zibi DES Using Danish and Canadian Design Methodologies – <i>John Rathbone, Rathco ENG Ltd.</i>	Learnings from Scandinavia: How Decarbonization and Digital Twins Drive Value in District Energy – <i>Yvo Velthoen, Gradyent</i>	Bracht: A Real Case of Community Scale Fast and Cost-Effective Deep Decarbonization – <i>Lucio Mesquita, Natural Resources Canada - CanmetENERGY</i>	Financing Energy Projects: Third Party Models – <i>Elise Heath, Kyotherm</i>
3:00 pm – 3:25pm				
Thermal Storage as a Resiliency and Performance Enhancement in Ambient Loop Thermal Energy Networks – <i>Matthew Lane, CHA Consulting, Inc.</i>	Zibi Community Utility: Lessons Learned After 4 Years of Operation – <i>Philippe Gauthier & Maxime Thellend, Équinox Stratégies Inc.</i>	NLR Digital Twin: Unifying Planning and Real-time Data to Optimize Campus Systems – <i>Calum Thompson, AECOM</i>	Flexible Power Solutions for the Evolving Energy Landscape – <i>Brandon Woods, Solar Turbines</i>	Grand Designs: Legal Implications of Significant System Changes – <i>Aaron Atcheson, Miller Thomson LLP</i>
3:30 pm – 3:45 pm	Refreshment Break – <i>Rideau Canal Atrium</i>			
Salon 205/207	Salon 206/208	Salon 213/215	Salon 214	
6A: Delivering Low-Carbon Systems: Real-World Implementation Pathways <i>Moderator: Lalit Agarwal, APPA: Leadership in Educational Facilities</i>	6B: Scaling Wastewater Energy: From Study to City-Scale Systems <i>Moderator: Morgan Hartman, Trane</i>	6C: Smarter Systems: Data, AI, and Digital Tools for Optimization <i>Moderator: David Woodson, University of Washington</i>	6D: Optimizing District Cooling <i>Moderator: Tim Peer, BOND</i>	
3:50 pm – 4:15 pm				
Enwave’s Next Generation Energy from Waste Expansion in PEI – <i>Chris MacDougall, Enwave PEI</i>	Technical and Financial Feasibility of a Large-Scale Wastewater Thermal Energy Recovery System for the Decarbonization of Downtown Denver – <i>Blair Wisdom, Metro Water Recovery; Simon Olivieri, Ramboll; Mark Spurr, FVB Energy</i>	Operators, Data, and AI – Cordia’s Performance Optimization Roadmap – <i>Eoin O’Driscoll, Data Systems Analysts (DSA Inc); Joe Witchger, HGA; Kiel Ford, Cordia</i>	Thermal Energy Storage (TES) for Data Centers – <i>Justin Kline & Bryan Holmes, CB&I</i>	
4:20 pm – 4:45 pm				
District Heating + Local Biomass Combined Heat and Power: A Powerful Combination for Economic Development and Energy Security – <i>Jamie Stephen, TorchLight</i>	Role of District Energy for the Electrification of Canada’s Largest Social Housing Building Portfolio – <i>Fernando Carou, Toronto Community Housing Corporation</i>	Decarbonization of NYC Steam Systems: Integrated Modeling for Long-Term Investment and Operational Flexibility – <i>Luca Ferrari, OPTIT Corp</i>	District Cooling Development Varberg, Sweden – <i>Bernt Andersson, FVB Sverige AB</i>	
4:50 pm – 5:20 pm				
Oakridge Energy Low Carbon District Energy System – <i>Jordan Eichorn, Oakridge Energy</i>	Senakw Zero Carbon District Energy System – <i>Keith Bate, Creative Energy</i>	Electrifying Healthcare: How Radboudumc Improved Energy Performance Through Streamlined Engineering Data Management – <i>Jason Kraus, Accruent</i>	Western University: Expanding The Energy Network, Increasing Resiliency and Lowering Emissions One Building Retrofit at a Time – <i>Alexandre Briere, Eequinox; Joan Ang & Heather Hyde, Western University</i>	

FRIDAY, JUNE 26

7:30 am – 8:50 am	Technical Tour Breakfast – Briefings on Tour Locations – <i>Governor General Ballroom II/III, 4th Floor Westin</i>
9:00 am – 12:30 pm	Technical Tour A: ESAP's Interconnected Energy Centres – Cliff and Tunney's Pasture Technical Tour B: ESAP's Gatineau Energy Centre and Zibi Community Utility's District Energy System <i>Buses will drop off at the Westin and then go to Ottawa International Airport</i>

POSTER PRESENTATIONS

Poster 01	Finding the Balance Between Modernization of Electrical System Protection and Reutilization of Legacy Systems – <i>Bryson Upper, CHA Consulting</i>
Poster 02	Chiller Plant Design and Considerations for a 1 GW AI Factory – <i>Dan Gentry, Trane</i>
Poster 03	From Unidirectional to Bidirectional Geo-exchange District Systems: Temperature Optimization & Data Centre Integration – <i>Dia Elsaid & Taraneh Naseryar, University of Alberta</i>
Poster 04	Project Tulip: Micro-Decarbonization District Energy in Action – <i>Todd Hopwood, Siemens Energy</i>
Poster 05	Cooling Tower Thermal Evaluation and Test Preparation – <i>Ken Hennon, CleanAir Engineering</i>
Poster 06	Development of Optimal Cooling System with Free Cooling – <i>Ryota Hayashi, Masashi Daimo & Hiroyuki Yamamoto, Mitsubishi Heavy Industries Thermal Systems, Ltd.</i>
Poster 07	Enabling Next-Generation Research with High Performance Computing (HPC) and Efficient Liquid Cooling at SciNet's HPC Centre – <i>Bernard Oegema & Mark Byvelds, Siemens Canada</i>
Poster 08	Susan Fennell Sportsplex: Net Zero through Electrification & Geothermal Retrofit – <i>Daood Ilyas, Johnson Controls, Inc.</i>
Poster 09	Continuous Corrosion Protection Across Varying Conditions – <i>Logan Manaranche, ODYSSEE USA, INC.</i>
Poster 10	The "Invisible" Retrofit: Implementing Intelligent Zoning to Enable 4GDH and Waste Heat Integration in Legacy Grids – <i>Ashley Dirou, Grundfos</i>
Poster 11	Direct Transfer Trip (DTT) Design and Implementation for Hershey Medical Center – <i>Esam Darweesh, CHA Consulting; Kevin Kanoff, Penn State Health Milton S. Hershey Medical Center</i>
Poster 12	Construction Without Disruption: Keeping Your Facility Online During a Major Electrical System Upgrade and Facility Modernization - <i>Ian Smith, CDM Smith</i>
Poster 13	Area-Based Thermal Energy Planning in the City of Austin – <i>Paige Davis, Austin Energy</i>
Poster 14	Advanced Membraneless Microfluidic Thermally Regenerative Battery with Optimized Electrode Configuration for Sustainable Energy Recovery at Low-flow Rates – <i>Haleh Baghernavehshi, Laval University</i>
Poster 15	Delivering and Expanding Modern District Energy Systems: Lessons Learned from ESAP Ottawa and Strategies for Growth in Urban Environments – <i>Emil Haddad & Alex McCardle, FVB Energy, Inc.</i>
Poster 16	Campus Energy Planning: A Systematic Approach to Achieving Decarbonization – <i>Melissa Love, FVB Energy, Inc.</i>
Poster 17	Nuclear Renewable Hybrid Energy System Architecture Modelling: A Sustainable Perspective on Multi-Objective Optimization – <i>Ayman Mahmoud, Canadian Nuclear Laboratories</i>
Poster 18	Designing the Future of Healthcare Infrastructure: A Case Study in Utility Plant Design at Mayo Clinic – <i>Nicholas Rauth, Burns & McDonnell</i>
Poster 19	Blueprints for Success: Lessons in Urban Utility Infrastructure Updates for Active Healthcare Campuses – <i>Chris Vogel, Mayo Clinic; Griffin Doughty, Knutson Construction; Patrick Burke, Burns & McDonnell</i>
Poster 20	From Concept to Execution: Lessons in Designing an Urban Campus-Wide Geothermal System – <i>Jeremy Beatty, Salas O'Brien; Alex Benda, Burns & McDonnell</i>

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