

## Thanks to Our Symposium Sponsors



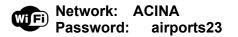
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Agenda

## Tuesday, December 5, 2023

8:00 AM – 4:00 PM Grove Foyer	Registration	
8:00 AM – 9:00 AM Grove Foyer	Networking E	Breakfast
9:00 AM – 9:15 AM Grove Ballroom	Welcome & Opening Remarks Welcome to Colorado and ACI-NA's first ever Airport Electricity Management Symposium! We will open with remarks from Front Range airport leaders Phil Washington and Greg Phillips, setting the stage for the importance of electricity management to airports.	
	Speakers:	Greg Phillips, Director of Aviation, Colorado Springs Airport
		Phillip Washington, Chief Executive Officer, Denver International Airport

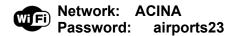


9:15 AM – 10:30 AM Grove Ballroom	Session #1: Airport Electricity Management— What, Where, Why,		
Crove Dumoonn	and Especially How The symposium will begin with foundational knowledge that builds the base for the discussions throughout the rest of the conference. We will establish a vocabulary and look at how the conversations about electricity fit into assorted aviation goals from the Federal to State, to local levels, from Net Zero to resiliency to sustainability. We will also talk about why electricity has been identified as the critical path for so many of these goals, and how airport professionals might begin to understand future needs and what that really means for airports.		
	Moderator:	Corey Johnson, Director-Aviation Sustainability, C&S Companies	
	Speakers:	Amy Nagengast, Energy Program Manager, San Francisco International Airport	
		David Robbins, Director, Infrastructure/Resiliency, Houston Airports System	
		David Smith, Director of Energy Services, Burns Engineering	
10:30 AM – 11:00 AM Grove Foyer	Morning Networking Break		
11:00 AM – 12:00 PM Grove Ballroom	Session #2: Energy Management: A Perspective from Non-Aviation Industries With an eye towards lessons that may be applicable in the airport setting, this session will provide an overview of efforts from across other industries, such as maritime, campuses (medical, universities, hospitals), cargo delivery, and DoD.		
	Moderator:	Neal Wolfe, Principal Associate, ESA	
	Speakers:	Thomas Bozada Research Scientist—Engineer Research and Development Center (ERDC), U.S. Army Corps of Engineers	
		Patrick Eddy, Market Sector Leader, Energy & Power, Jacobs	
		Christine Weydig, Vice President of Transportation, Alphastruxure	
12:00 PM – 1:15 PM <i>Grove Foyer</i>	Networking Lunch		
1:15 PM – 2:30 PM Grove Ballroom	Session #3: Energy Management Technologies Overview This session will look at the evolution of technologies that require electricity, such as Central Utility Plants. We will also touch on other future alternative fuels, such as hydrogen. We will talk about generation technologies, including renewables, as well as the particularly key area of energy storage.		
	Moderator:	Sarah Keane, Attorney, Kaplan Kirsch & Rockwell	
	Speakers:	Stephen Christensen, Ph.D., Manager of Planning & Technology Assessment, Xcel Energy	
		Sean Conboy, Energy Manager, Denver International Airport	
		Cogan Semler, Energy and Water Manager, San Diego County Regional Airport Authority	

2:30 PM – 3:30 PM Grove Ballroom	Session #4: Communications/Working Across the Disciplines Solving the electricity challenges at airports requires finding language and priorities that work for all stakeholders, ranging from airport staff working in sustainability, facilities, legal, commercial management, as well as the C-suite, to the public, tenants, local lawmakers, and electricity providers. This session will discuss finding that common language, and how to communicate across the disciplines to ensure high performance of operational issues and asset management. We will also touch on the essential elements of working with municipalities, from understanding local plans and land-use planning to energy generation plans.	
	Moderators:	Alex Chapman, Director – ESG, Vantage Airport Group
		John Trendowski, Senior Principal, C&S Companies
	Speakers:	Kenley Farmer, Director, Environmental Affairs, A4A
		Katie Lamond, Manager of Aviation Environmental Programs, The Port Authority of New York & New Jersey
		Art Spillman, Senior Manager Facilities, Assets, & Infrastructure, Port of Portland
3:30 PM – 4:00 PM Grove Foyer	Afternoon Networking Break	
4:00 PM – 5:00 PM Grove Ballroom	Session #5: Identifying the Full Picture of an Airport's Electric Load To plan for future electricity demand, an airport needs to be able to forecast the antic needs. This session will look at the anticipated demands from sources such as electric vehicles (rental cars, shuttle buses), airlines (eGSE), terminals (central utility plants/boilers, concourses/ building systems), and more.	
	Moderator:	Chad Reese, Environmental Affairs Manager, Planning & Environmental Affairs, San Diego County Regional Airport Authority
	Speakers:	Scott Anderson, Vice President-Operations, ConRac Solutions
		Katy Glynn, Senior Account Executive, Siemens
		Ben Moore, Sustainability Leader, RS&H
		Cogan Semler, Energy and Water Manager, San Diego County Regional Airport Authority
5:30 PM – 6:45 PM Grove Fover	Evening Networking Reception	

Grove Foyer

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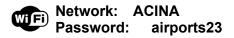
## Wednesday, December 6, 2023

8:00 AM – 4:00 PM <i>Grove Foyer</i>	Registration	
8:00 AM – 9:00 AM Grove Foyer	Networking Breakfast	
9:00 AM – 10:15 AM Grove Ballroom	Session #6: Utility & Power: Where and When The sessions on Tuesday will have set the stage for understanding airport future electricity demands. When an airport has that knowledge, a key step is working with the utilities, as well as understanding the key regional characteristics. This session will look at best practices for working with utilities, how to talk about infrastructure issues, funding considerations, and understanding timelines – including when planning to meet the future needs of vehicles and technologies that do not yet exist.	
	Moderator:	Justin Smith, Associate, Hennebery Eddy Architects, Inc.
	Speakers:	Connie Paoletti, Director of Transportation Strategy & Delivery, Electric Distribution Operations, Xcel Energy
		Andrea Price, Energy Manager, Vancouver Airport Authority
		Leilani Ventura, Strategic Account Advisor, Sacramento Municipal Utility District
10:15 AM – 10:45 AM Grove Foyer	Morning Networking Break	
10:45 AM – 12:00 PM Grove Ballroom	Session #7: Strategic Approaches What are the key elements of an Electricity Master Plan? What do Energy Managers do at airports? How does an airport either develop or buy the deep technical capabilities that will be required as electricity supplies become increasingly critical? This session will look at those questions, as well as the strategies to manage the infrastructure that an airport currently has, understanding capacity studies, phasing approaches, and the magnitude and uncertainty of the challenges. We will also look at funding options and strategies, such as energy performance service contracts.	
	Moderator:	Todd Ernst, Director Aviation, Infrastructure, Energy & Environment, Greater Toronto Airports Authority
	Speakers:	Scott Cary, Ports and Airports Project Manager, National Renewable Energy Laboratory (NREL)
		Ariel Bautista, Director E-Mobility, Alectra Inc.

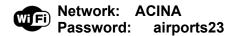
Amy Nagengast, Energy Program Manager, San Francisco International Airport

David Robbins, Director, Infrastructure/Resiliency, Houston Airports System

12:00 PM – 1:15 PM **Networking Lunch** *Grove Foyer* 



1:15 PM – 2:30 PM Grove Ballroom	Session #8: Electricity Management Case Studies—Microgrids Join us for a deep dive into the technology, management, and policy issues associated with airport microgrids.		
	Moderator:	Brandon Rattiner, Attorney, Kaplan Kirsch & Rockwell	
	Speakers:	Jessica Lau, Grid Storage and Emerging Technologies Manager, Xcel Energy	
		David Smith, Director of Energy Services, Burns Engineering	
		Gerry Vurciaga, Innovation Executive, Siemens	
		Christine Weydig, Vice President of Transportation, Alphastruxure	
2:30 PM – 3:00 PM Grove Foyer	Afternoon Networking Break		
3:00 PM – 4:15 PM Grove Ballroom	Session #9: Electricity Management Case Studies—Electric Vehicles Panelists will share lessons learned and challenges airports are facing with respect to accommodating electric vehicles on airport property, particularly regarding landside EV facility and operational requirements.		
	Moderator:	Peter Aarons, Aviation Sector Leader - Americas   Sr. Vice President - Global Infrastructure, TYLin	
	Speakers:	Scott Anderson, Vice President-Operations, ConRac Solutions	
		Aaron Galinis, Senior Airport Planner, Hollywood Burbank Airport	
		Cabell Hodge, Federal Fleet Team Leader, National Renewable Energy Laboratory	
		Scott Morrissey, Senior Vice President-Sustainability, Denver International Airport	
		Huma Seth, Director-Clean Transportation, Clean Energy and Transportation Solutions, Xcel Energy	



## Thursday, December 7, 2023

8:00 AM – 11:00 AM Grove Foyer	Registration	
8:00 AM – 9:00 AM Grove Foyer	Networking Breakfast	
9:00 AM – 10:15 AM Grove Ballroom	Session #10: Energy Management Decision-Making/Capital Programming Figuring out how to meet future electricity demand will require airports to thoughtfully balance O&M needs and capital investment, as well as strategically prioritize projects. This session will look at those topics, as well others including Total Cost of Ownership, and a range of funding considerations, such as P3 opportunities, revolving funds, and non- federal funding opportunities.	
	Moderator:	Chad Reese, Environmental Affairs Manager, Planning & Environmental Affairs, San Diego County Regional Airport Authority
	Speakers:	Alex Chapman, Director – ESG, Vantage Airport Group
		Cullen Choi, Director of Facility Design and Construction, Denver International Airport
		Susan Fizzell, Senior Aviation Project Manager, Oakland International Airport, Port of Oakland
10:15 AM – 10:45 AM Grove Foyer	Morning Networking Break	
10:45 AM – 11:45 AM Grove Ballroom	Session #11: Policy & Regulatory Focus—Bring Lawyers, Lobbyists, and Money In this concluding session, we will look at some of the legal and regulatory issues associated with airport electricity initiatives, including what steps are needed so that airports (depending on the state or province) do not inadvertently cross into being considered a regulated electricity-providing utility. We will also discuss how federal fun affects these issues.	
	Moderator:	David Smith, Director of Energy Services, Burns Engineering
	Speakers:	Alex Chapman, Director – ESG, Vantage Airport Group
		Sarah Keane, Attorney, Kaplan Kirsch & Rockwell
		Amanda La Joie, Director, Government and Political Affairs, ACI-NA
		Daniel Markind, Attorney, Flaster Greenberg
		Alan Strasser, Environmental Protection Specialist, FAA (via Zoom)
11:45 AM – 12:00 PM	Concluding Remarks	

Grove Ballroom

12:00 PM – 1:00 PM Lunch (Grab and Go Lunches Available) Grove Ballroom