

Build Your Own Agenda.

Select from 5 different advanced transportation “modules” that spotlight the trends, policies, and technologies driving the future of fleet transportation.



Module 1

The Main Stage



Module 2

Deep Dives on Battery Technology, Connected Tech, and Natural Gas



Module 3

Advanced Transportation Investor Summit



Module 4

Staying Plugged In: ACT's Annual EV Charging Workshop







Module 5






Ultra Clean HD Vehicle Summit

Participate in 19 different days of unique programming. Each module includes a series of episodes with powerhouse keynote speakers, dynamic executive panels, interactive breakout sessions, small-group video networking, virtual exhibit hall events, and much more!







AUGUST 2020

SUN	MON	TUES	WEDS	THURS	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	 18	19	 20	21	22
		M1 E1		M1 E1		
23	24	 25	26	 27	28	29
		M2 E1		M2 E2		
30	31					





SEPTEMBER 2020

SUN	MON	TUES	WEDS	THURS	FRI	SAT
		 1	2	3	4	5
		M2 E3				
6	7	8	9	10	11	12
13	14	 15	16	 17	18	19
		M3 E1		M3 E2		
20	21	 22	23	 24	25	26
		M4 E1		M4 E2		
27	28	29	30			

OCTOBER 2020

SUN	MON	TUES	WEDS	THURS	FRI	SAT
				1	2	3
4	5	 6	7	 8	9	10
		M1 E3		M1 E4		
11	12	 13	14	 15	16	17
		M5 E1		M5 E2		
18	19	20	21	22	23	24
25	26	 27	28	 29	30	31
		M4 E3		M4 E4		

NOVEMBER 2020

SUN	MON	TUES	WEDS	THURS	FRI	SAT
1	2	3	4	5	6	7
8	9	 10	11	 12	13	14
		M1 E5		M1 E6		
15	16	 17	18	 19	20	21
		M5 E3		M5 E4		
22	23	24	25	26	27	28
29	30					

Module 1 Introduction: ACT’s main stage ballroom discussions are coming to a computer near you! Hear top executives from major suppliers, manufacturers, and fleets who are aggressively pushing ahead on advanced clean transportation technologies and what they’re betting big on, why they’re doing it, and what they’re most excited about for the future of the industry.



Module 1: Episode 1 The Opening ACT

Tuesday, August 18 - 10:00 a.m. to 2:00 p.m.

Featuring a keynote presentation from a top industry executive, followed by a provocative general session plenary with cutting edge industry leaders on the future of the industry, and concluding with the ACT Virtual Exhibit Hall and a series of “can’t miss” industry announcements.

10:00 a.m. to 10:15 a.m.	Welcome and Introduction Remarks
10:15 a.m. to 10:35 a.m.	Keynote Remarks
10:35 a.m. to 11:45 a.m.	<p>Executive Panel: Exploring the Cutting Edge of Advanced Transportation Technology</p> <p><i>Today it is no longer optional for OEMs to offer advanced clean technology, it's a requirement to remain relevant. Leading vehicle manufacturers and suppliers are having to juggle numerous cutting-edge technologies from the whole vehicle to connected technology and vehicle automation—all betting on a future that is not yet reality. And with a landscape of options that seems to grow by the minute. Hear from the top executives from major suppliers and manufacturers who are aggressively pushing ahead on advanced clean transportation technologies and what they're betting big on, why they're doing it, and what they're most excited about for the future of the industry.</i></p>
11:45 a.m. to 12:00 p.m.	Product Demonstrations
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall Grand Opening


M1 E2

Module 1: Episode 2

On the Road Again with Transportation Innovation

Thursday, August 20 - 10:00 a.m. to 2:00 p.m

Featuring three executive fireside chats as well as technology demonstrations in the first and last mile goods delivery; heavy duty applications; and hydrogen infrastructure industries.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Product Demonstrations
10:20 a.m. to 11:40 a.m.	<p>Transforming Emissions from the First & Last Mile</p> <p><i>E-commerce deliveries are time critical; and companies must balance meeting the consumer where they are at while mitigating the cost of fueling and flexible logistics. But first mile/last mile deliveries also present an opportunity for companies to test drive alternative fuel, autonomous tech, and other cutting-edge technology on short, local routes. Listen as companies adapting to the new pace of consumer demand discuss how they have addressed the challenges of this dynamic business model.</i></p>
10:20 a.m. to 11:40 a.m.	<p>Electrifying Heavy Duty Applications</p> <p><i>To meet industry needs, larger and increasingly specialized vehicles have begun to appear on the market. This session will showcase several of the first medium and heavy-duty electric vehicles to offer specialized services such as waste hauling, cement, fire and other emergency response, street sweeping, and more that enable companies to provide services to consumers emissions-free. Participants will hear from vehicles manufacturers themselves, as well as fleets that are testing and purchasing these vehicles for their operations.</i></p>
10:20 a.m. to 11:40 a.m.	<p>Doubling Down on Hydrogen Infrastructure</p> <p><i>Hydrogen fuel cell vehicles (FCEVs) have seen growing interest from fleets and new market entrants from manufacturers. Given the opportunity hydrogen presents, especially in colder climates and longer haul, how close are we to developing a network of hydrogen fueling stations to support future fleet operations? This session will explore the enterprising companies addressing the challenge of fueling infrastructure and how they are beginning to build out a network of fueling stations that can support fleets.</i></p>
11:40 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall



Module 1: Episode 3

Exploring Sustainability in Medium & Heavy-Duty Advanced Transportation

Tuesday, October 6 - 10:00 a.m. to 2:00 p.m

Featuring a keynote presentation from a top MHD industry executive; followed by three breakout sessions on biofuels, zero emission TRUs, and upfits/retrofits for electrification; and wrapping up with cutting-edge MHD tech demonstrations.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:25 a.m.	Keynote Remarks
10:25 a.m. to 11:35 a.m.	Fleet Recipe for Biofuels <i>Renewable fuels have long been a sustainable option for fleets across vocations to use to meet their operational performance and emissions reduction goals. But biofuels do not come in just one flavor: there are a diverse set of offerings that can meet many fleet performance expectations. Join this session to hear from leading fleets, OEMs, and biofuel producers on the leading and emerging biofuel solutions to meet your fleet needs, from pure biofuels and blends, to renewable hydrogen and natural gas.</i>
10:25 a.m. to 11:35 a.m.	Cool Runnings: Refrigerating with Zero Emissions <i>Transport Refrigeration Units (TRU) are a critical component of the perishable food supply chain but contribute to a significant portion of the emissions profile for the transport sector. Regulations are being introduced to curb these emissions through a combination of fuel shifts and technological innovation. New technologies are allowing food transporters to ditch the diesel-powered cooling and use more efficient, low and zero emission technology. Listen to OEM's and end users discuss how they keep the cool running.</i>
10:25 a.m. to 11:35 a.m.	Every Part Counts: Upfits & Retrofits in Electrification <i>Purchasing an electric vehicle direct from a manufacturer is not a fleet's only pathway to get a vehicle that will meet their needs. Whether it's due to lack of OEM product availability or by choice, a variety of upfit and retrofit technologies exist to help support fleet electrification. Join this session to hear from some of the leading upfit and retrofit companies and the fleet considerations and case studies in deployments.</i>
11:35 a.m. to 2:00 p.m.	Virtual Exhibit Hall


M1 E4

Module 1: Episode 4

Understanding the Pieces of Sustainability for MHD

Thursday, October 8 - 10:00 a.m. to 1:00 p.m.

Featuring a keynote presentation from a top MHD industry executive; followed by three breakout sessions on biofuels, zero emission TRUs, and upfits/retrofits for electrification and wrapping up with cutting-edge MHD tech demonstrations.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:25 a.m.	Taking the Fossil out of the Fuels: Project Tours
10:05 a.m. to 10:25 a.m.	Technology Demonstrations
10:25 a.m. to 11:35 a.m.	<p>Taking the Fossil out of the Fuels: A Roundtable Discussion</p> <p><i>Vehicle type is simply one factor in the decarbonization of our pipeline and fuel sources—and is an especially limiting factor when we are faced with so many older, traditional fueled vehicles on our road today and likely to be on our road for a significant time in the future as well. With the entrance of renewable fuels like renewable diesel, hydrogen, green gasoline, and renewable natural gas, we are presented with an interesting opportunity to reduce the emissions profile of those traditional fuels. This roundtable seeks to highlight fuel producers that are breaking barriers and creating opportunities to decarbonize traditional fuel sources while also exploring programs, policies, and best practices in pipeline decarbonization.</i></p>
10:25 a.m. to 11:35 a.m.	<p>Every Part Counts: Component Suppliers in Electrification</p> <p><i>While EVs may have fewer components than their internal combustion engine counterparts, choosing the right components can make or break the electrification experience. Join a discussion with body builders, powertrain, axle, battery and other critical electric suppliers as they help to answer the key questions you need to ask about your hybrid, fuel cell or battery electric vehicle.</i></p>
11:35 a.m. to 12:00 p.m.	Conversations in the ACT Lounge

**M1 E5****Module 1: Episode 5****Setting a New Bar for Sustainability in Urban Mobility****Tuesday, November 10 - 10:00 a.m. to 1:30 p.m.**

Featuring a keynote presentation from a leader in urban mobility and clean transportation, followed by a thought-provoking plenary with fleet executives on their forward-looking stance on the “new normal,” and concluding with light duty and mobility-focused tech demonstrations.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:25 a.m.	Keynote Remarks
10:25 a.m. to 10:50 a.m.	Virtual Press Conference
10:50 a.m. to 12:00 p.m.	<p>Fleet Outlook in the New World</p> <p><i>With much of the world adjusting to a new normal, the nation’s fleet operators have remained busier than ever. Fleets are rising to the challenge of meeting evolving and increasing customer demands, and the role of clean vehicle technology has never been more important. Hear from the industry’s top fleet leaders on what constitutes the “new normal” and how they are using advanced clean technology to meet changing demands.</i></p>
12:00 p.m. to 12:30 a.m.	Technology Lightning Reels



Module 1: Episode 6

A Critical Turning Point: Transportation for Mobility, Government & Schools

Thursday, November 12 - 10:00 a.m. to 2:00 p.m.

Featuring tech demonstrations as well as three separate breakout sessions on school bus replacement, government fleets who are leading on advanced clean transportation adoption, and total cost of ownership considerations for going electric.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 11:15 a.m.	<p>Big Wheels keep on Turning: The Future of School Bus Replacement</p> <p><i>The surge in funding programs at the state level have led to a tremendous interest and award of school bus replacement projects. Faced with new bus technologies, school districts are forced to address challenges head on. This interactive panel will feature some of the early market entrants who have had to “run before they could walk” discuss challenges they have faced, including workforce training, infrastructure rollout, and the long-term operational costs. This interactive panel discussion will explore some of the early market entrants who’ve had to “run before they could walk.” Panelists will share what they learned along the way in their path to replacing their school bus fleet with low emission technologies.</i></p>
10:05 a.m. to 11:15 a.m.	<p>Leading by Example: Government Adoption of Clean Fuel Vehicles</p> <p><i>Government operations are often at the leading edge for advanced vehicle technology and alternative fuel vehicle deployments due to the localized nature of their operations and forward-thinking leadership. Hear from leading fleets and cutting-edge industry players on achieving ambitious emissions and innovation goals at the municipal level. This session will explore: innovative industry partnerships with government to advance adoption and deployments; approaches to government procurement for cost-effective vehicle acquisition; ways cities and other governments have enabled the assimilation of new vehicle technology; and plans and policies that are guiding future adoption.</i></p>
10:05 a.m. to 11:15 a.m.	<p>Smart Solutions in E-Mobility: Learning from the Past to Prepare for the Future</p> <p><i>As electrification of the mobility space continues to spread across the country, the industry looks back at lessons learned to create best practices in the transit, car-sharing, and e-bike space. Hear from early fleet innovators on topics covering:</i></p> <ul style="list-style-type: none"> - Total cost of ownership - Lessons learned from vendor selection and procurement - Building Community buy-in - Avoiding past pitfalls for future advanced vehicle deployment initiatives
11:15 a.m. to 11:45 a.m.	Conversations in the ACT Lounge
11:45 a.m. to 2:00 p.m.	Virtual Exhibit Hall

Module 2 Introduction: Some of our most popular ACT content is turning virtual with our standing room-only concurrent Battery Technology, Connected Tech, and Natural Gas workshops. Join us to explore the latest breakthrough technologies, early adopter fleet experiences, and key barriers and opportunities to reach scale.



M2 E1

Module 2: Episode 1

Maximizing the Use of Data; Primetime Opportunities for HD Natural Gas; and Pathways to Battery Improvements

Tuesday, August 25 - 10:00 a.m. to 2:00 p.m.

Featuring topic focused keynote remarks as well as three separate breakout sessions on the use of data in connected technology, cutting edge natural gas technologies, and pathways leading fleets to increased battery improvement.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:25 a.m.	Keynote Remarks: Connected Technology
10:05 a.m. to 10:25 a.m.	Keynote Remarks: Natural Gas Technology
10:05 a.m. to 10:25 a.m.	Keynote Remarks: Battery Technology
10:25 a.m. to 11:35 a.m.	<p>Connected Tech Workshop: Maximizing Use of Data</p> <p><i>Connected technology and the data it generates plays an increasingly vital role in today's fleet management and it will be even more critical as the intelligent "fleet ecosystem" develops. Many fleet owners are familiar with GPS, ELD, telematics and new offerings by OEMs and equipment providers, but many don't fully understand the suite of solutions needed to maximize uptime, asset utilization, and efficiency that are needed for cost reductions and improved service. This session will highlight best practice for maximizing data use and participants will learn how to use these systems to improve performance of alternative fuel vehicles.</i></p>
10:25 a.m. to 11:35 a.m.	<p>Natural Gas Workshop: Ready for Prime Time</p> <p><i>With near-zero emission engine technology and ultra-low carbon renewable natural gas now dominating the heavy-duty market, this fuel and technology approach offers end-users uncompromised operational performance, tremendous opportunity for cost-savings, and the lowest environmental footprint of any commercially available HD technologies. Hear from industry leaders on why they believe that natural gas technology is the most economically and environmentally sustainable approach available in the HD market today and well into the future.</i></p>
10:25 a.m. to 11:35 a.m.	<p>Battery Tech Workshop: Pathways to Battery Improvements</p> <p><i>As the demand for EVs continues to grow, so do common fleet challenges surrounding maintenance and total cost of ownership. With battery costs so high, one of the top things on fleet minds is how long that battery will last in their new EV that starts out at 2-4x the cost of an internal combustion engine vehicle. Another top thing on fleet minds is making sure their personnel and first responders are up to date on the battery technologies to ensure safe and proper handling in and out of the field. How are fleets addressing these challenges? This session will explore: fleet experiences with battery lifecycle and degradation; techniques to prolong battery life; and addressing fleet concerns and safety on proper battery handling.</i></p>
11:35 a.m. to 2:00 p.m.	Virtual Exhibit Hall



Module 2: Episode 2

The Power of AI; Fleets Leading on Natural Gas; and Pathways to Battery Improvements

Thursday, August 27 - 10:00 a.m. to 12:30 p.m.

Featuring topic focused product demonstrations as well as three separate breakout sessions on the power of ai in connected technology, a discussion on fleets leading the way in the world of natural gas, and fleet techniques to prolonging battery life.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Product Demonstrations
10:20 a.m. to 11:35 a.m.	<p>Connected Tech Workshop: The Power of AI</p> <p><i>With the rise of artificial intelligence and machine learning, the often-overwhelming volume of information that accompanies new sensor and after-market part technologies is poised to be more coherent than ever before. In this session, you will hear from end-users and their partners who are using this rapidly evolving technology to provide information generated from sensors to fleet managers in a timely manner and useful for decision-making. Hear case studies and examples of using AI for data management, asset utilization, predictive maintenance, and more as well as where AI is headed and why it will be ever more important for fleets to understand.</i></p>
10:20 a.m. to 11:35 a.m.	<p>Natural Gas Workshop: Leading Fleets Leading on Natural Gas</p> <p><i>With near-zero emission engine technology and ultra-low carbon renewable natural gas now dominating the heavy-duty market, this fuel and technology approach offers end-users uncompromised operational performance, tremendous opportunity for cost-savings, and the lowest environmental footprint of any commercially available HD technologies. Hear from industry leaders on why they believe that natural gas technology is the most economically and environmentally sustainable approach available in the HD market today and well into the future.</i></p>
10:20 a.m. to 11:35 a.m.	<p>Battery Tech Workshop: Fleet Techniques for Safety and Prolonging Battery Life</p> <p><i>In his keynote speech at ACT Expo 2019, Daimler CEO and President Roger Nielsen shared the three keys to commercial EV success: double battery power density, cutting battery cost in half, and reducing battery weight by half. With more EV models being introduced than ever before, the race is on for finding that ideal battery innovation that will curb price, reduce weight, and reach ranges not yet seen before in the industry, especially for cold weather. This session will explore the current state of battery technologies and the improvements slated to be made to help improve the total cost of ownership as well as fleet comfort in electrification.</i></p>



Module 2: Episode 3

Building the Future Fleet Architecture; Eliminating Port Drayage Emissions Today; and Accelerating Second Life & Recycling

Tuesday, September 1 - 10:00 a.m. to 2:30 p.m.

Featuring topic focused product demonstrations as well as three separate breakout sessions addressing the future of connected technology, the elimination of port drayage truck emissions, and strategies on how to accelerate second life and recycling in batteries.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:25 a.m.	Technology Demonstrations
10:25 a.m. to 11:35 a.m.	<p>Connected Tech Workshop: Building Architecture for the Future Fleet</p> <p><i>Each new data system adds another layer of complexity for fleet owners and most have only begun to think about laying the foundational architecture for the connected fleet of the future. In this session, hear practical examples from fleets and solution providers to learn where the connected fleet is headed; how we can integrate and interconnect ELD, GPS and other data features; what leveraging opportunities exist; and how connectivity is increasing with electrification technologies.</i></p>
10:25 a.m. to 11:35 a.m.	<p>Natural Gas Workshop: Eliminating Port Drayage Truck Emissions, Today</p> <p><i>The Ports of LA and Long Beach and working to implement their most recent Clean Truck Program, which will impact approximately 18,000 drayage trucks working in this market. Hear from top port drayage industry experts on how this plan can be a catalyst for growth for the natural gas truck and RNG industries, and how full scale implementation of this technology can effectively eliminate port drayage truck emissions in Southern California in the near term.</i></p>
10:25 a.m. to 11:35 a.m.	<p>Battery Tech Workshop: Accelerating Second Life and Recycling</p> <p><i>As widespread adoption of EVs continues, excitement surrounds the enjoyment of driving them, their potential to be energy independent, and the environmental benefits that accompany lack of tailpipe emissions. Amid this excitement, we need to take a moment and investigate the full lifecycle costs and costs and considerations of EVs. As these lower-range, less advanced EVs of yesteryear come back for service or go onto their next owner, are we prepared for all the batteries that will need replacement? And where do the old batteries go? This is no longer a hypothetical situation but one that requires action. This session will explore best practices and policy considerations needed to ensure these vehicles and the batteries used to power them are properly recycled or prepared for second life ability.</i></p>
11:35 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 2:30 p.m.	Virtual Exhibit Hall

Module 3 Introduction: Investors and entrepreneurs can gain unmatched insight on current and future investment trends in advanced transportation. Sessions will feature thought-provoking conversations with industry, fleet, and government leaders on what investment looks like in a (post) pandemic environment.



Module 3: Episode 1

Jumpstarting the Market: VC's, Government, and Entrepreneurs Building the Advanced, Clean Fleet Market

Tuesday, September 15 - 10:00 a.m. to 12:00 p.m.

Featuring keynote remarks from a leading industry executive followed by a session focused on the state of investment in the clean fleet market and what this means for technology development.

10:00 a.m. to 10:10 a.m.	Welcome and Introduction Remarks
10:10 a.m. to 10:25 a.m.	Keynote Remarks
10:25 a.m. to 11:35 a.m.	<p>Jumpstarting the Market: VC's, Government, and Entrepreneurs Building the Advanced, Clean Fleet Market</p> <p><i>Join this episode to hear from successful investors, entrepreneurs, and government agencies who have learned hard-won lessons for early-stage investment success. With end-user fleets, global OEMs, governments, and utilities going "all in" on advanced technology development, investments have reached tens of billions of dollars annually. Yet, getting to where we are today required significant risk and boldness from entrepreneurs and investors alike. Learn lessons from early investors on key factors for success in the clean transportation market.</i></p>
11:35 a.m. to 12:00 p.m.	Conversations in the ACT Lounge



Module 3: Episode 2

Scaling to Success: The Financial Leap to Mass Deployments in the Advanced Clean Fleet Market

Thursday, September 17 - 10:00 a.m. to 12:00 p.m.

Featuring a plenary discussion on how to scale innovative solutions and technologies from R&D phase to mass – market penetration followed by keynote remarks from a top tier investment executive.

10:00 a.m. to 10:10 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 11:15 a.m.	<p>Scaling to Success: The Financial Leap to Mass Deployments in the Advanced, Clean Fleet Market</p> <p><i>Hear from market-making fleets, OEMS, and government leaders who will discuss how innovative technologies have gone from boutique to mass-market. Going from thousands to millions or billions – truly reaching scale – involves significant financial capital and a ripe regulatory environment. It also requires significant end-user investment of resources into advanced technology. During this episode, you will understand how growth occurs, how long it can take to ramp investments, and what other key factors are critical for a technology to reach true commercial scale.</i></p>
11:15 a.m. to 11:30 a.m.	Keynote Speaker
11:30 a.m. to 12:00 p.m.	Conversations in the ACT Lounge

Module 4 Introduction: ACT's jam-packed EV Charging Workshop is back by popular demand! Hear how the EV charging landscape has evolved, including key lessons learned in fleet charging infrastructure deployments, as well as strategies to control costs, protect assets, and integrate advanced energy management and energy storage.



M4 E1

Module 4: Episode 1

Best Practices in Scaling EV Charging Infrastructure for Fleet Operations

Tuesday, September 22 - 10:00 a.m. to 1:00 p.m.

Featuring a morning filled with cutting-edge EV charging technology demonstrations followed by a deep dive plenary session on the success stories and the challenges that exist in scaling EV charging infrastructure.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Technology Demonstrations
10:20 a.m. to 11:30 a.m.	Best Practices in Scaling EV Charging Infrastructure for Fleet Operations <i>Fleet adoption of EVs has grown tremendously over the past year, providing several fleets around the nation with tangible data and experience on what it's really been like incorporating EVs into their operation. In the first part of the EV charging workshop, we'll be covering the evolution in EV charging deployments for fleets across weight classes and sectors (ranging from light duty to transit and off-road sectors). This session will examine the challenges in infrastructure deployments and management and the impact high power charging has and will have on the industry as more heavy duty EVs hit the road.</i>
11:30 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 1:00 p.m.	Virtual Exhibit Hall



M4 E2

Module 4: Episode 2

Choosing the Right Charging Hardware Options for Your Fleet

Thursday, September 24 - 10:00 a.m. to 2:00 p.m.

Featuring a solutions-driven discussion on matching the right hardware to your fleet needs followed by a leading industry expert keynote speech highlighting the standards of future EV charging hardware.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 11:15 a.m.	<p>Choosing the Right Charging Hardware Options for Your Fleet</p> <p><i>With the ever-growing interest in electrification, significant advancements have taken place on the charging side to support that need. This session will explore the innovative hardware solutions that have entered the market and the support they are able to provide fleets in electrifying at varying power levels. This session will also explore how hardware solutions like energy storage, microgrids, and more can be paired to support fleet resiliency and control long-term costs.</i></p>
11:15 a.m. to 11:30 a.m.	Keynote Speaker
11:30 a.m. to 2:00 p.m.	Virtual Exhibit Hall


M4 E3

Module 4: Episode 3

EV Charging Workshop; Smart Charging & Cost Control

Tuesday, October 27 - 10:00 a.m. to 2:00 p.m.

Featuring a session highlighting the industry's most popular and groundbreaking software technologies and complemented by a plenary with leading fleets and technology providers on the opportunities and challenges of navigating cost and implementing smart charging solutions.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Commercial Reels
10:20 a.m. to 11:30 a.m.	Smart Charging & Cost Control <i>Fleets have gotten accustomed to paying for fuel with fuel contracts or ebbing and flowing with the market but managing and paying for electricity is frequently uncharted territory for fleets. Few are truly prepared for that first electric bill that comes in following a significant EV deployment. Navigating time-of-use rates, cybersecurity software, and managing demand spikes and the duck curve can make or break the cost effectiveness of EV charging for fleet operations. With network-wide monitoring, customized interval charging time and real-time data becoming the industry norm, the technology and its capabilities in managing cost and energy profiles are getting smarter every day. Hear from leading fleets and technology providers as they share the opportunities and challenges of navigating cost and implementing advanced energy solutions.</i>
11:30 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall



Module 4: Episode 4 EV Charging Workshop; Advanced Energy Management with Storage, Solar, Microgrids

Thursday, October 29 - 10:00 a.m. to 2:00 p.m.

Featuring a plenary session with leading fleets and technology providers highlighting the role that advanced energy management systems play in the future of EV charging, followed by a deep dive “how to” session outlining important funding strategies in utilizing these systems challenges of navigating cost and implementing smart charging solutions.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Technology Demonstrations
10:20 a.m. to 11:30 a.m.	<p>Advanced Energy Management with Storage, Solar, Microgrids</p> <p><i>Fleet electrification necessitates a new reliance on the electrical grid and its ability to deliver large amounts of power to keep the industry moving. Powering electric vehicles using advanced energy management systems and techniques, such as solar, storage and microgrids, enables fleet to get the electricity they need at a predictable cost. Hear from leading fleet managers and technology providers as they discuss the challenges, successes, and the future of advanced energy charging stations and what these systems mean for the future or electrification.</i></p>
11:30 a.m. to 12:00 p.m.	GNA Lightning Session: Building a Funding Strategy for Advanced Energy Management
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall

Module 5 Introduction: This “standing room only” ACT session features the top executives from vehicle manufacturers, technology suppliers, and fleets sharing (and debating) what the future will hold for the vehicles and technologies that power our nation’s goods movement and passenger transportation sectors.



M5 E1

Module 5: Episode 1
Propane & Natural Gas Innovations & Opportunities
Tuesday, October 13 - 10:00 a.m. to 2:00 p.m.

Featuring a plenary session with top industry executives and experts focused on propane and natural gas innovations and opportunities for heavy duty vehicles followed by a deep dive “how to” session sharing the tips and tricks on how to fund these applications.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Commercial Reels
10:20 a.m. to 11:30 a.m.	<p>Propane & Natural Gas Innovations & Opportunities</p> <p><i>While zero emission technology has grabbed a lot of the attention and headlines, natural gas and propane truck procurements have continued to hit record numbers given their known economic and environmental sustainability benefits. Leading fleets like UPS have doubled down on their investments in these technologies, seemingly due to the positive Total Cost of Ownership (TCO) and other confirmed benefits. Hear from leading fleets about their forward investment plans and what technological and/or fuel innovations will continue to drive the gaseous fuel industry forward.</i></p>
11:30 a.m. to 12:00 p.m.	GNA Lightning Session: Funding Successes in Natural Gas Technologies
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall



M5 E2

Module 5: Episode 2
Fleet and Vehicle Case Studies in Hydrogen
Thursday October 15 - 10:00 a.m. to 2:00 p.m.

Featuring a plenary session with top industry executives and experts highlighting successes, struggles, and solutions for implementation found through hydrogen fleet and vehicle case studies followed by an interactive morning with fleets, technology providers, and industry stakeholders in the Virtual Exhibit Hall.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Commercial Reels
10:20 a.m. to 11:30 a.m.	<p>Fleet and Vehicle Case Studies in Hydrogen</p> <p><i>Heavy-duty hydrogen fuel cell trucks are now being supplied by several OEMs and deployed in several commercial and municipal customer applications, with more on the way in 2020 and beyond. From port operations to warehouse, transit, and even street sweeping, listen as fleets talk about their experiences and success with their hydrogen fuel cell vehicles and decide for yourself if this really is the fuel of the future, and how quickly this technology will be ready for prime time.</i></p>
11:30 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall



M5 E3

Module 5: Episode 3 Fleet Case Studies in Electric

Tuesday November 17 - 10:00 a.m. to 2:00 p.m.

Featuring an engaging plenary session with a number of fleet end-users presenting case studies from their battery electric truck deployments of the last year, an overview of these important technologies, and an interactive afternoon with fleets, technology providers, and industry stakeholders in the Virtual Exhibit Hall.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:20 a.m.	Commercial Reels
10:20 a.m. to 11:30 a.m.	<p>Fleet Case Studies in Electric</p> <p><i>Fleets across the heavy-duty vehicle spectrum have waited with bated breath for the arrival of battery electrics. The last year has seen deployments of battery electric heavy-duty trucks from small startups and major OEMs alike. As this array of battery electric trucks is now taking to the street and being put through their paces, we have an opportunity to hear how they are doing. What's working? What's not? How are batteries performing under the rigors of heavy-duty operations? How is charging being handled? What have we learned thus far and what questions do we still have? Featuring a number of fleet end-users presenting case studies from their battery electric truck deployments of the last year, this session promises to provide the latest and more comprehensive insight into one of the industry's most exciting technology developments.</i></p>
11:30 a.m. to 12:00 p.m.	Conversations in the ACT Lounge
12:00 p.m. to 2:00 p.m.	Virtual Exhibit Hall



M5 E4

Module 5: Episode 4 The Future of Ultra Clean

Thursday, November 19 - 10:00 a.m. to 2:00 p.m.

Featuring a morning session from the leading heavy-duty vehicle manufacturers on what the future of advanced commercial vehicle technologies, and what the next steps are, followed by the ever popular Fleet Awards.

10:00 a.m. to 10:05 a.m.	Welcome and Introduction Remarks
10:05 a.m. to 10:30 a.m.	Fleet Awards
10:30 a.m. to 11:40 a.m.	<p>The Future of Ultra Clean</p> <p><i>The Ultra Clean HD Vehicle Summit has covered all the major fuel types in the alt fuel industry, but where does the future lie? Does diesel and efficiency still have a role? When will we see the adoption of alt fuels pass diesel and what is standing in our way of getting there? Listen to the leading heavy-duty vehicle manufacturers on what the future holds and whether it's one that they all can agree on! This annual OEM panel always provides incredible insight into the future of advanced commercial vehicle technologies, and this year will certainly be no different!</i></p>
11:40 a.m. to 12:00 p.m.	Technology Demonstrations