

Run on Less – Electric Electric Truck “Bootcamp” Educational Series

Key Highlights

- Medium and heavy-duty truck electrification is rapidly approaching.
- This ten-part webinar educational event is ideal for co-op staff and fleet managers.
- Sessions start April 20 and continue until August 24, 2021.
- Co-op staff are encouraged to share this information with their C&I members.

What has changed?

The trucking industry is beginning its move to an electric future. To demonstrate this, NRECA has signed on as an event sponsor of the [Run on Less - Electric](#) (RoL-E) project by the North American Council for Freight Efficiency (NACFE) and Rocky Mountain Institute (RMI). To kickoff the event there will be a 10-part bootcamp. Co-op staff and their C&I members are invited to attend these events.



The Electric Truck Bootcamp is a 10-part educational series on electric trucks — hosted by the North American Council for Freight Efficiency (NACFE) and RMI — appropriate for fleet managers, utility planners, and others interested in electrification. While the *Run on Less - Electric* (RoL-E) event this September is focused on today's fleet and OEM leaders who have electric trucks already in operation, the Electric Truck Bootcamp is designed with “fast followers” in mind, to:

- increase industry awareness of electric trucks,
- provide professional development opportunities to decision-makers at all stages of their electrification journey,
- synthesize quick takeaways and recommendations from NACFE and RMI's electric truck work to date, and
- convene fleet owners, operators, and other stakeholders across the electric truck ecosystem to discuss key opportunities and challenges as they plan for future deployments of electric vehicles.



What is the impact on cooperatives?

The Electric Truck Bootcamp is conducted via virtual trainings held biweekly from April through August, leading up to RoL-E. The Bootcamp is free to attend thanks to the generous support of RoL-E sponsors.

Each training will focus on a different topic relevant to electric trucks and will include presentations and Q&A with three to five subject matter experts. Attendees are strongly encouraged to submit questions in advance of the trainings while registering.

Attendees can choose to attend one, some, or all of the trainings. Those who demonstrate comprehension of the material — via optional online quizzes following each training — will have the opportunity to earn digital badges that recognize their expertise and which can be shared via attendees' social networks. Badges are available for those who complete one, five, or 10 trainings via www.runonless.com. Participation in the quizzes and badging system is not required for participation in the Bootcamp trainings.

Electric Truck Bootcamp Trainings

Training #1: What's Driving Electric Trucks?

What exactly are electric trucks and why all the hype? Join NACFE and industry experts as we kick off the Electric Truck Bootcamp series to learn more about the ins and outs of this technology and what is driving its adoption.

Live webinar: April 20, 2021

Sponsor: Peterbilt

Training #2: Charging 101 - Planning & Buildout

While much of the attention given to electric trucks is focused on the vehicles themselves, charging infrastructure must be equally considered and planned. Charging electric trucks can be quite different from traditional diesel refueling processes and presents some unique challenges that fleets, utilities, and OEMs alike need to be aware of.

Live webinar: May 4, 2021

Sponsor: Electrify Commercial

Training #3: Charging 201 - Power Management & Resilience

Building out the physical charging infrastructure is only one piece of planning for electric truck charging. There are many additional factors to consider when planning when to charge which trucks at what power levels. Join NACFE and industry experts to learn more about how to optimize charging to minimize electricity costs while also supporting renewable energy and resilience.

Live webinar: May 18, 2021

Sponsor: Electriphi

Training #4: Working with Your Utility

Fleets and utilities must work together in unprecedented ways to ensure successful deployment and operation of charging infrastructure for electric trucks. Join NACFE and industry experts to learn more about utility business models and programs and best practices for successfully partnering with your local utility.

Live webinar: June 1, 2021

Sponsor: National Rural Electric Cooperative Association (NRECA)

Training #5: Incentives for Electrification

Electric trucks currently cost more upfront than traditional diesel vehicles – and charging infrastructure can also be costly, presenting new expenses for fleets used to diesel fueling. Luckily, incentives are increasingly available for both vehicles and charging infrastructure from federal government, state and local governments, and utilities.

Live webinar: June 15, 2021

Training #6: Maintenance, Training, & Safety

Electric trucks require new maintenance plans and protocols, and new training programs for technicians. Safety must continue to be a priority, particularly when working in high-voltage environments. Join NACFE and industry experts to learn more about how the industry is planning to train technicians, drivers, and others to safely operate electric trucks while maximizing uptime.

Live webinar: June 29, 2021

Sponsor: Lion Electric

Training #7: Financing the Transition & Innovative Business Models

Transitioning to electric trucks and their requisite charging infrastructure will require large investments in new assets. Many questions remain about who will own and operate these assets and how they will be financed. Join NACFE and industry experts to learn about potential financing options and innovative business models.

Live webinar: July 13, 2021

Sponsor: Workhorse

Training #8: Sustainable Supply Chains & End of Life

One of the top motivations for fleets to switch to electric trucks is sustainability. Yet, questions remain around the sustainability of components supply chains — particularly batteries. Join NACFE and industry experts to learn more about what is being done to ensure responsible sourcing and disposal of electric truck components.

Live webinar: July 27, 2021

Training #9: Global Perspectives

Electric vehicles are being deployed around the globe, not just in North America, where *Run on Less - Electric* is focused. What lessons can we learn from other geographies and use cases as we develop best practices around electric truck technology, charging systems, and supporting policies?

Live webinar: August 10, 2021

Training #10: Drivers and Electric Trucks

Drivers have a critical role to play in electric truck deployments. Not only is the experience of driving an electric truck different than a diesel, but driver behavior is key to maximizing the performance of these vehicles in terms of efficiency, range, and uptime.

Live webinar: August 24, 2021

Sponsor: Lightning eMotors

Quick Reference for the Schedule of Bootcamp Trainings

Session	Date	Sponsor
Training 1: What's Driving Electric Trucks?	April 20	Peterbilt
Training 2: Charging 101 – Planning and Buildout	May 4	Electrify Commercial
Training 3: Charging 201 – Power Management & Resilience	May 18	Electriphi
Training 4: Working with Your Utility	June 1	NRECA
Training 5: Incentives for Electrification	June 15	N/A
Training 6: Maintenance, Training & Safety	June 29	Lion Electric
Training 7: Financing the Transition & Innovative Business Models	July 13	Workhorse
Training 8: Sustainable Supply Chains & End of Life	July 27	N/A
Training 9: Global Perspectives	August 10	N/A
Training 10: Drivers and Electric Trucks	August 24	Lightning eMotors

What do cooperatives need to know or do about it?

To register, visit: <https://runonless.com/bootcamp/>

Please visit www.runonless.com for more information on the program and demonstration sites. Co-op staff and C&I members can download [NACFE reports](#) on electric trucking prior to the workshops to get up to speed on the topic.

Related Resources

- [Viable Fuel Alternatives to Class 7/8 Diesel Trucks](#)
- [Charging Infrastructure for Electric Trucks](#)
- [Advisory: Electric Trucks - Do They Make Sense](#)
- [Market Potential for Commercial Electric Trucking](#)
- [Preparing to Plug in Your Fleet - 10 Things to Consider](#)
- [Preparing to Plug In Your Municipal Electric Transit Bus Fleet - 10 Things To Consider](#)

Contacts for Questions

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