

## *Run on Less – Electric*

### A Medium and Heavy-Duty Electric Truck Demonstration

#### Key Highlights

- Medium and Heavy-Duty truck electrification is rapidly approaching.
- Demonstrations are showing a positive business case for electric freight trucking. However, there is a large opportunity to provide education to truck owner/operators.
- **Run On Less – Electric (ROL-E)** will be a high profile national education campaign to demonstrate the opportunity for utility and owner/operator collaboration on freight electrification.

#### What has changed?

The trucking industry is beginning its move to an electric future. To demonstrate this, NRECA has signed on as a sponsor of the *Run On Less – Electric* (RoL – E) project by the North American Council for Freight Efficiency (NACFE) and Rocky Mountain Institute (RMI).

In order to leverage data from real-world experiences, NACFE and RMI will be conducting an electric freight truck technology demonstration in 2021. Leading up to and throughout the Run, NACFE will showcase electric trucks in everyday operation and the actions needed to accelerate their adoption. The actual Run will begin in September of 2021.



#### What is the impact on cooperatives?

RoL-E will feature up to 10 trucks, drivers and charging infrastructure systems across the United States and Canada, supported by their fleets and truck original equipment manufacturer (OEM) partners. Vehicles from vans to medium-duty box trucks to heavy-duty tractors will be moving freight in different duty cycles and geographic and climate areas. Participants will need to supply their own truck. This program does not provide trucks or the related infrastructure.

Unlike previous Run on Less events, the technology on the trucks in RoL-E will be at an earlier stage of development and deployment. The goal is to showcase equipment that is representative of the truck builders' plans. Given the limited number of electric trucks in service, many of them in pre-production mode, RoL-E fleet participants will be teams made up of the fleet and their OEM partners.

## What do cooperatives need to know or do about it?

The call for participants is currently available. Co-ops should tell fleet operators in their service territory about this opportunity. Fleets and truck OEMs can complete an application using the form available at [www.runonless.com](http://www.runonless.com).

To complement the demonstration and data collection components of RoL-E, NACFE and RMI will be hosting a series of virtual educational events (E-series) designed to convene industry stakeholders to discuss the “why and how” of electric truck deployments. The E-series is an opportunity to learn from leaders in fleet electrification beyond the formal Run participants, and will include discussions with fleet managers, charging providers, utilities, engineering firms, policymakers, and other stakeholders. Those interested in learning more about electric trucks and working together to overcome challenges to deploying these zero-emission vehicles are encouraged to review the E-series schedule — set to be released in April — and register their participation. Information on registration will be shared via the [Electric Vehicle professional community listserv](#) on Cooperative.com.

NRECA will be the title sponsor of one of these educational events. These events will be open to co-ops and their fleet customers.

Please visit [www.runonless.com](http://www.runonless.com) for more information.

## 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](#)

## Contact for Questions

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