

# Electrification of Heavy Duty Trucks

Colorado Energy Research Collaboratory

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August 25, 2020



Electrification  
Coalition

# Freight Electrification

- **Pilot Project**
  - High-level Overview & Project Goals
  - Project Stages



Listening tour/landscape assessment



Define opportunities and challenges, identify pilot cities and participating fleets



Document vehicle and infrastructure procurement process



Conduct operational analyses



Create case studies and issue briefs to document and share results



Develop potential policy options/ victories

# Policy Opportunities for Freight Electrification

## Incentives and Targets

- CA Advanced Clean Truck Rule
- MD/HD fleet procurement goals & procurement requirements
- Toll reductions
- Sales tax exemptions
- Weight limit exemptions
- Zero/Low Emission Zones
- Clean Fuels Standard
- Green Loading Zones
- Truck Stop Electrification Requirements

## Utility Programs

- Streamlined EVSE Permitting
- Recovery of Cost - "Behind the Fence" Charging Infrastructure
- On-bill Financing – EVSE upgrades
- Commercial Rate Design
- Utility EVSE Ownership

# Freight Electrification Pilot Project

- Issue Brief #1 - Electrifying Freight: Solutions to Increasing Production and Sales of Electric Trucks
  - Highlights central obstacles to increasing production and sales
  - Highlights effective solutions and strategies, and who needs to implement them
  - Challenges and strategies sourced from a variety of freight industry stakeholders
  - Release next month

# Freight Electrification Pilot Project

- Potential Topics for Next Issue Brief:
  - How & when zero emission zones and corridors can accelerate MHDEV deployment.
  - Charging infrastructure planning and resiliency that withstands time, evolution, and disaster
  - Private vs. shared charging infrastructure and when each makes sense.
- Focused stakeholder discussions surrounding each topic
  - Dates and times TBA



# Electric Vehicle (EV) State Policy Bootcamp

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- **North Carolina, September 16-17**
- **Virginia, September 24-25**
- Future bootcamps coming for **Nevada, Michigan, and the Midwest**

# Next Steps

- Opportunity to be involved with pre-release of issue brief #1
- Contribute ideas for issue brief #2
- Looking for additional fleet partners where value can be added for MD HD electrification
- Join EV State Policy Bootcamps

# The Electrification Coalition

## Online:

[www.ElectrificationCoalition.org](http://www.ElectrificationCoalition.org)

[@ElectricRoadmap](https://twitter.com/ElectricRoadmap)

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