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National Center  
for Applied Transit  
Technology

## **BUILDING SUCCESSFUL PARTNERSHIPS BETWEEN RURAL TRANSIT SYSTEMS DEPLOYING ZERO-EMISSION VEHICLES AND THEIR ELECTRIC UTILITIES**



*One of eight zero-emission buses in revenue service at Roaring Fork Transportation Authority.*



*One of the battery electric cutaways currently on the market in 2020 from Motiv Power Systems.*



*Partnering with your electric utility during ZEV deployment provides a variety of benefits for transit agencies.*

### **BENEFITS OF ZERO-EMISSION VEHICLES (ZEVs)**

#### **MORE SUSTAINABLE THAN CONVENTIONAL FUELS**

ZEVs produce no harmful tailpipe emissions, and do not rely on fossil fuels to operate, which helps mitigate the impacts of climate change and provide direct air quality benefits to the communities they serve.

#### **POTENTIAL OPERATIONAL COST SAVINGS**

ZEVs may have lower operating and maintenance costs, which may lower the lifetime costs of the vehicles compared to conventionally-fueled vehicles.

### **PARTNERING WITH YOUR ELECTRIC UTILITY**

#### **CRITICAL PARTNERSHIP**

Adding ZEVs to your fleet could make your transit agency one of your utility's largest customers. Establishing and maintaining a relationship with your local electric utility is critical for a successful deployment.

#### **LOWER OPERATIONAL COSTS**

Your electricity rate schedule may change as you incorporate ZEVs into your fleet. Your utility can help you understand how it will change and provide guidance on charging or fueling strategies that will help minimize your costs.

#### **MAKE SMART INVESTMENTS**

You will most likely have to make electric upgrades in order to support ZEV charging or fueling. Your utility can be a great resource to help determine when those infrastructure upgrades should be made based on short- and long-term ZEV fleet goals.



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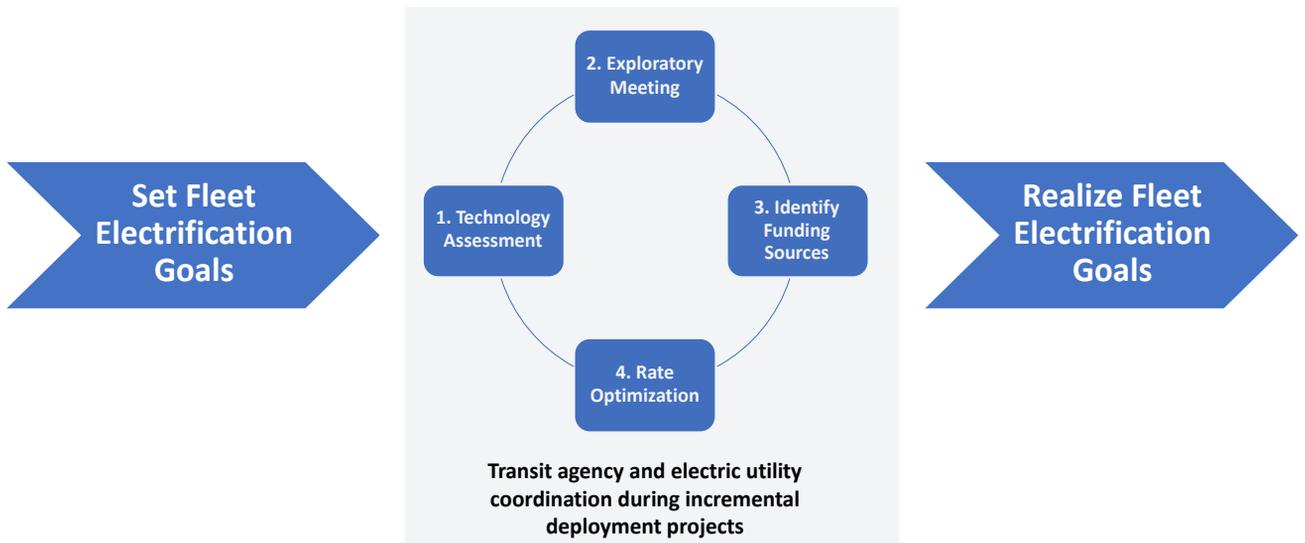
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# BUILDING SUCCESSFUL PARTNERSHIPS BETWEEN RURAL TRANSIT SYSTEMS DEPLOYING ZERO-EMISSION VEHICLES AND THEIR ELECTRIC UTILITIES

## FRAMEWORK FOR BUILDING A PARTNERSHIP

This framework is a guide for your transit agency to use when coordinating with your electric utility for a ZEV deployment. The White Paper: *Building Successful Partnerships Between Rural Transit Systems Deploying Zero-emission Vehicles and Their Electric Utilities* includes detailed descriptions about these tasks, as well as resources and tools to plan for your deployment.



This factsheet is provided with the N-CATT White Paper: *Building Successful Partnerships Between Rural Transit Systems Deploying Zero-emission Vehicles and Their Electric Utilities*.

## N-CATT

N-CATT provides small-urban, rural and tribal transit agencies with practical, replicable, resources that help them apply technological solutions and innovations. Access this white paper and other resources from N-CATT's website at [n-catt.org](http://n-catt.org)



The Center for Transportation and the Environment developed this factsheet and the corresponding white paper for N-CATT. For more information on or questions about ZEV deployments, contact us at [www.cte.tv](http://www.cte.tv)



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