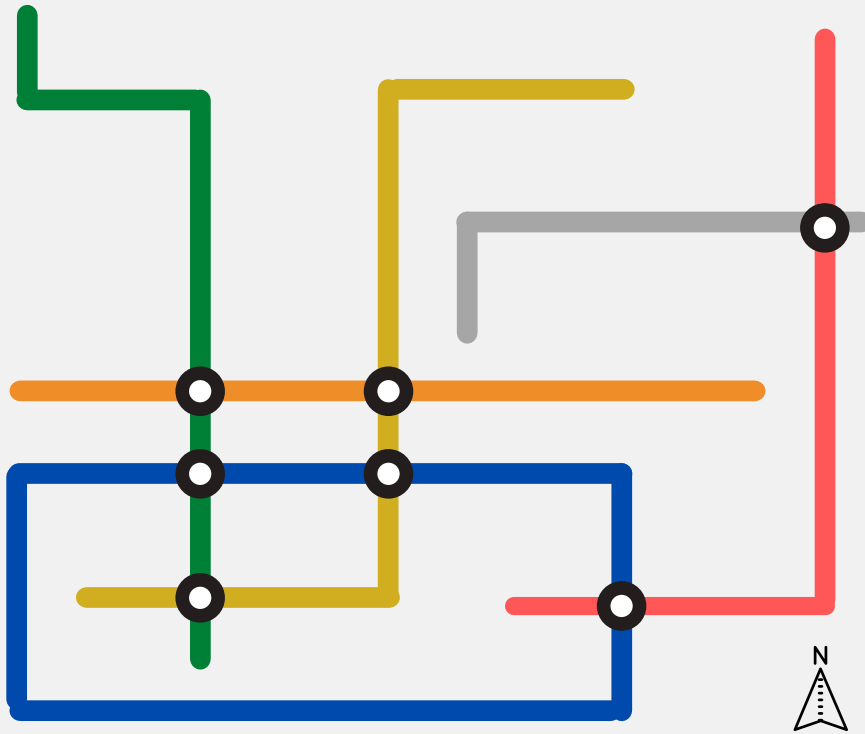









# IT CAN BE EASY BEING

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-  Transfer point
-  Procurement
-  Financing
-  Working with utilities
-  Costs
-  Operations
-  Maintenance

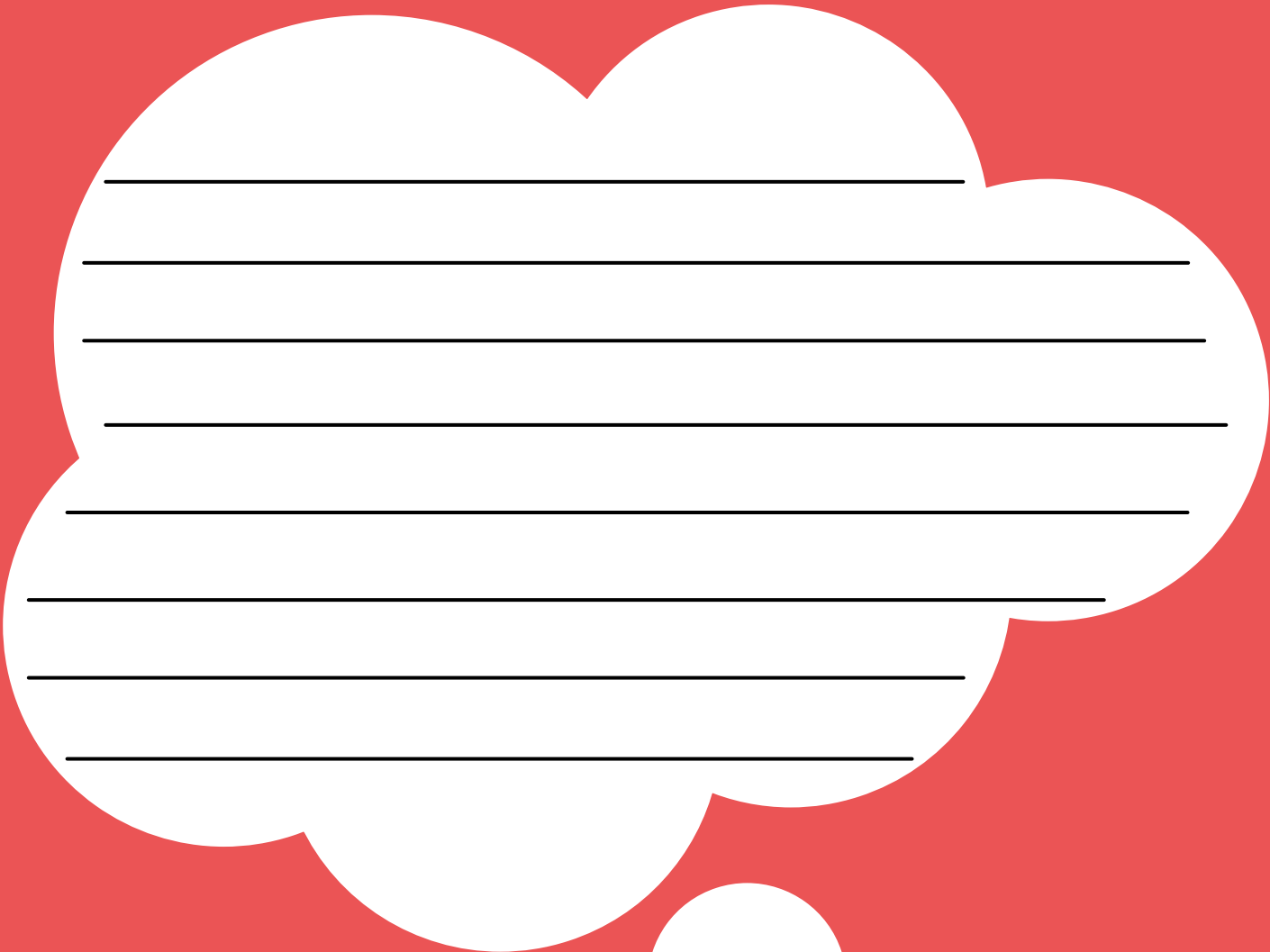
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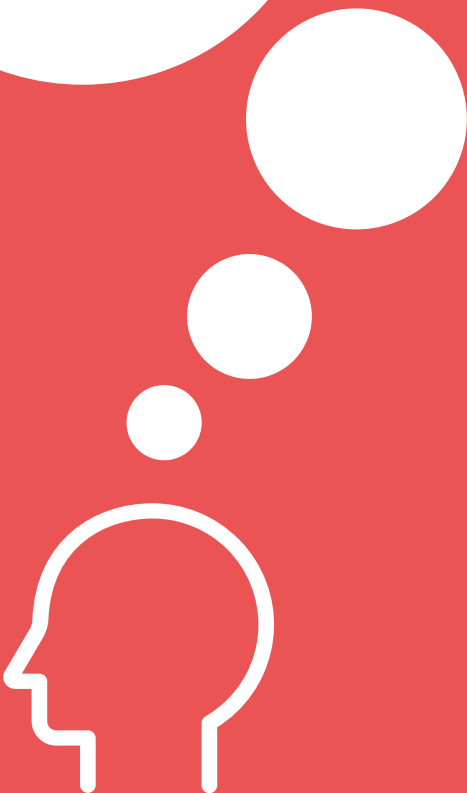
National Center  
for Applied Transit  
Technology



# WHY ELECTRIFICATION?



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# FINANCING

What federal funding opportunities exist for fleet electrification?

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What state funding opportunities exist for fleet electrification?

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What local funding opportunities exist for fleet electrification or sustainability projects?

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Who is our current utility provider and what incentives currently exist for electric vehicles?

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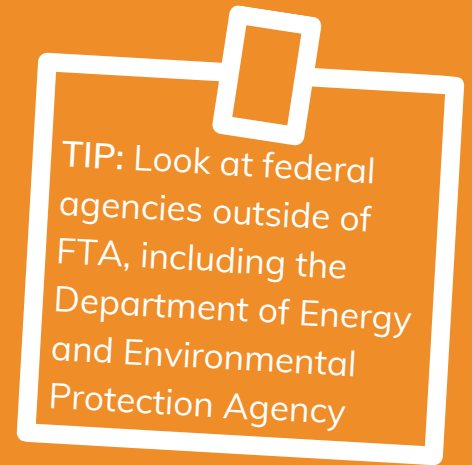
What local foundations fund sustainability or vehicle electrification processes?

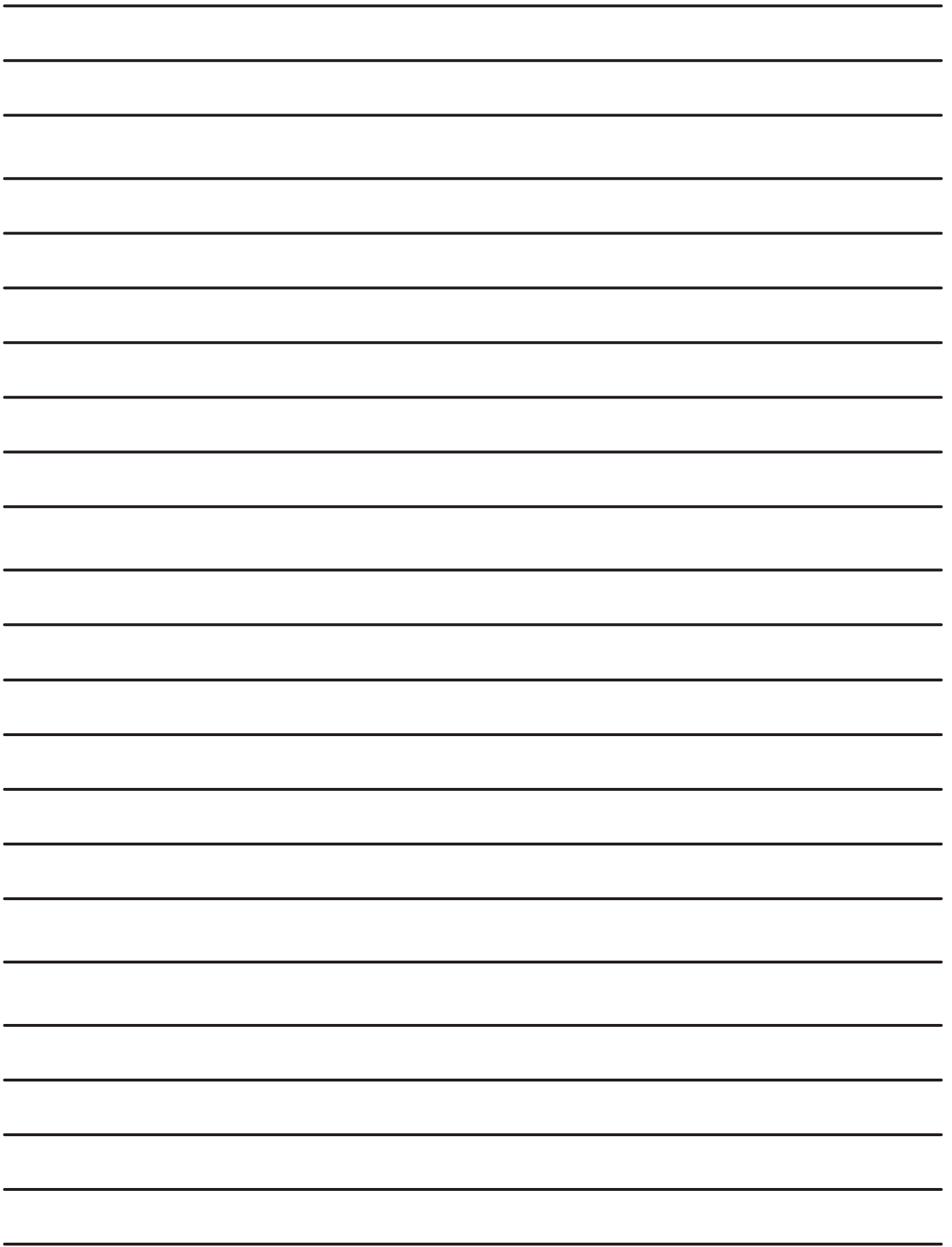
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How will we quantify environmental benefits in our grant applications?

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What leasing or financing options do vendors offer?





# PROCUREMENT

Is our agency going to run our own procurement?

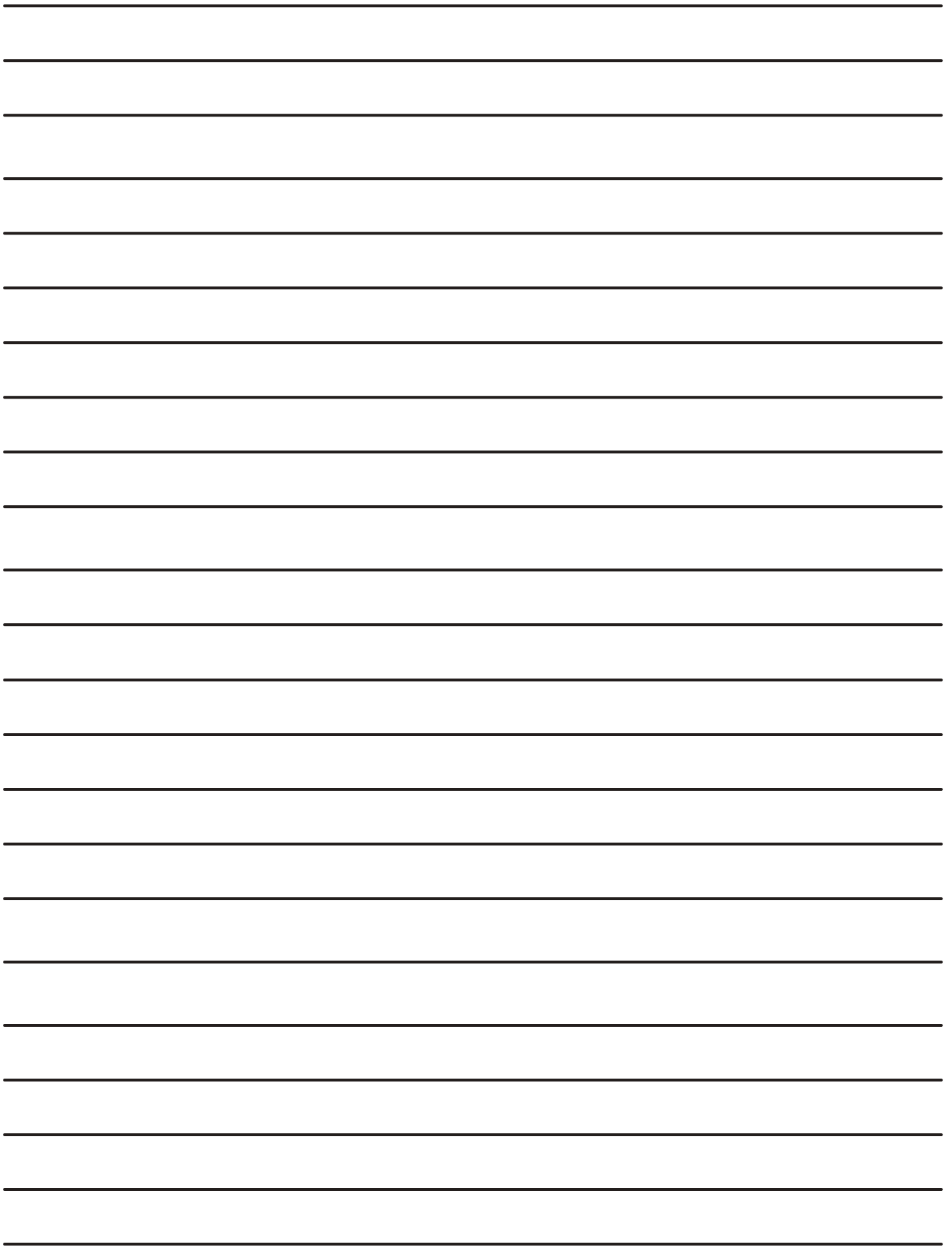
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What procurement strategy will we use?

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What is the anticipated battery life for our vehicle? What are our options? Are there financing considerations?





# WORKING WITH UTILITIES

What will my bill look like?

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What are potential cost savings or payment plans that we can negotiate with our utility company? Off-peak rates? Payment plans?

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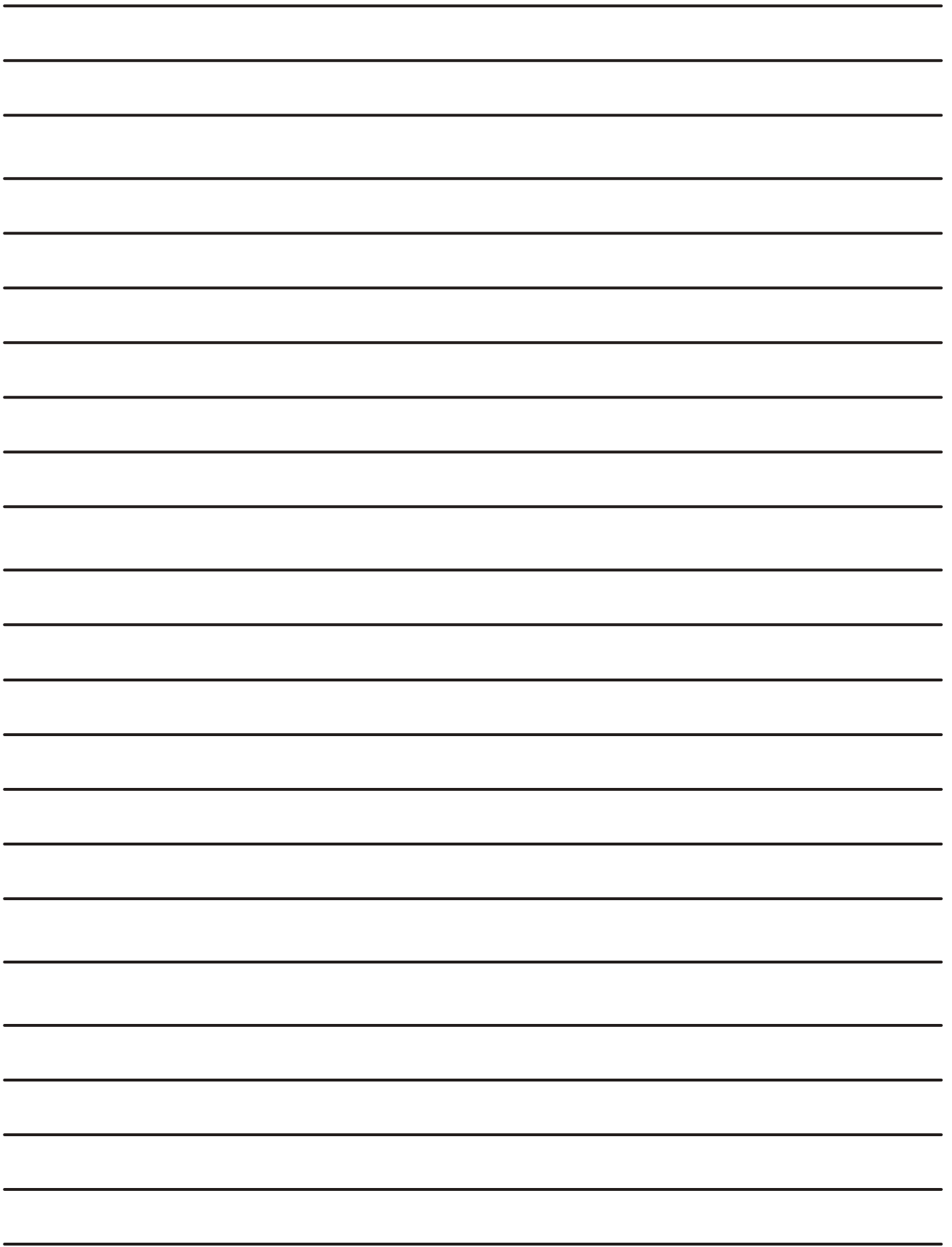
Does our utility understand our expansion plans and needs for electric vehicles?

---

Do we have a redundancy plan in case of an emergency or outage?







# COSTS

What do we have to spend time and money on that we didn't before?

.....

What don't we have to worry about (as much)?

.....

Where are our costs being shifted to?

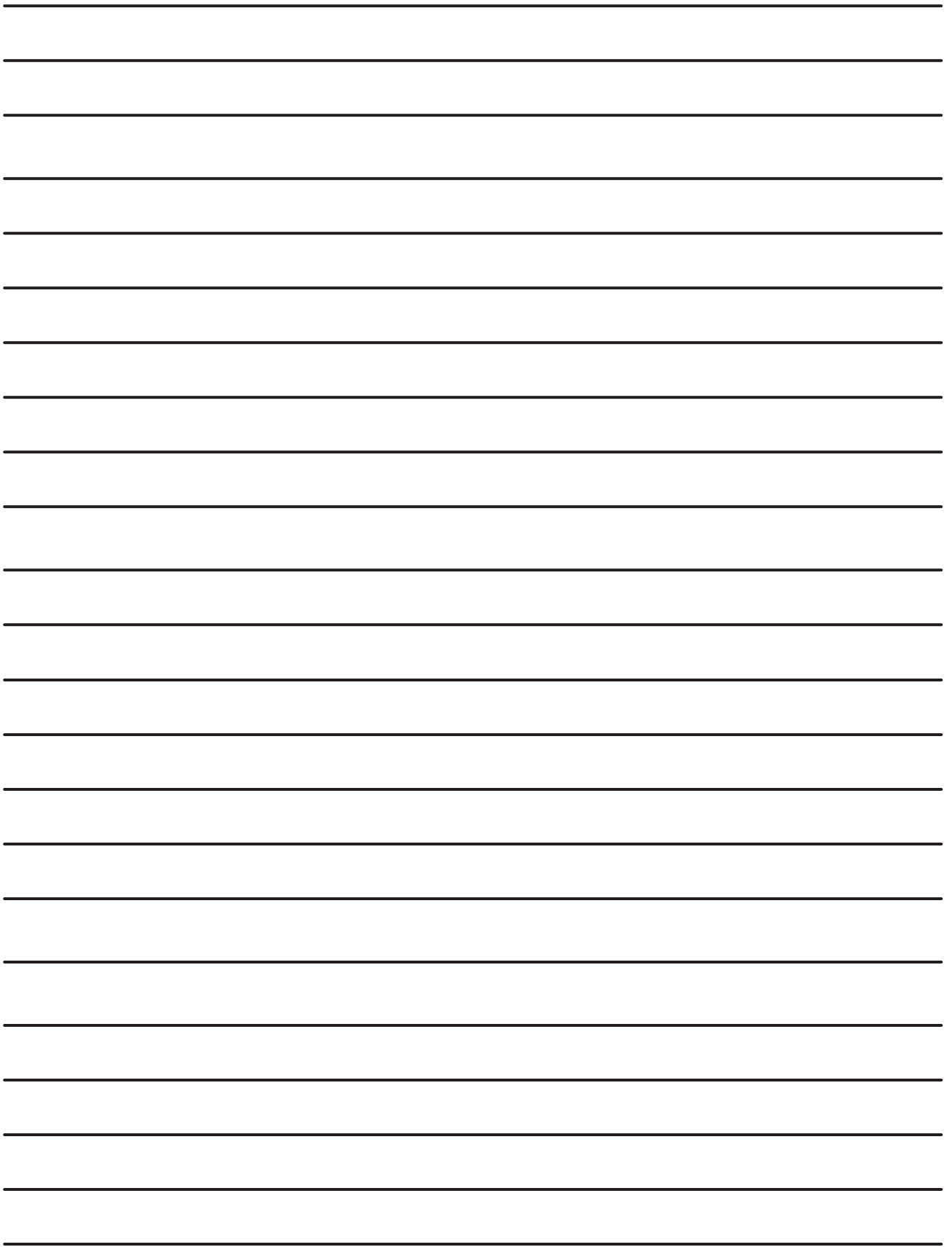
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How will our electric bill change?

.....

How will we measure/compare previous fuel costs with electricity costs?





# OPERATIONS

Can BEBs on the market run (range, size, etc.) on all of my routes?

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Do we need on-route charging?

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Where and how will we charge our buses? What type of technology are we considering (overhead, wireless or depot)? What are potential locations for siting?

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How does this affect our maintenance tasks and schedule?

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Can these be in-service all day or just for peak service?

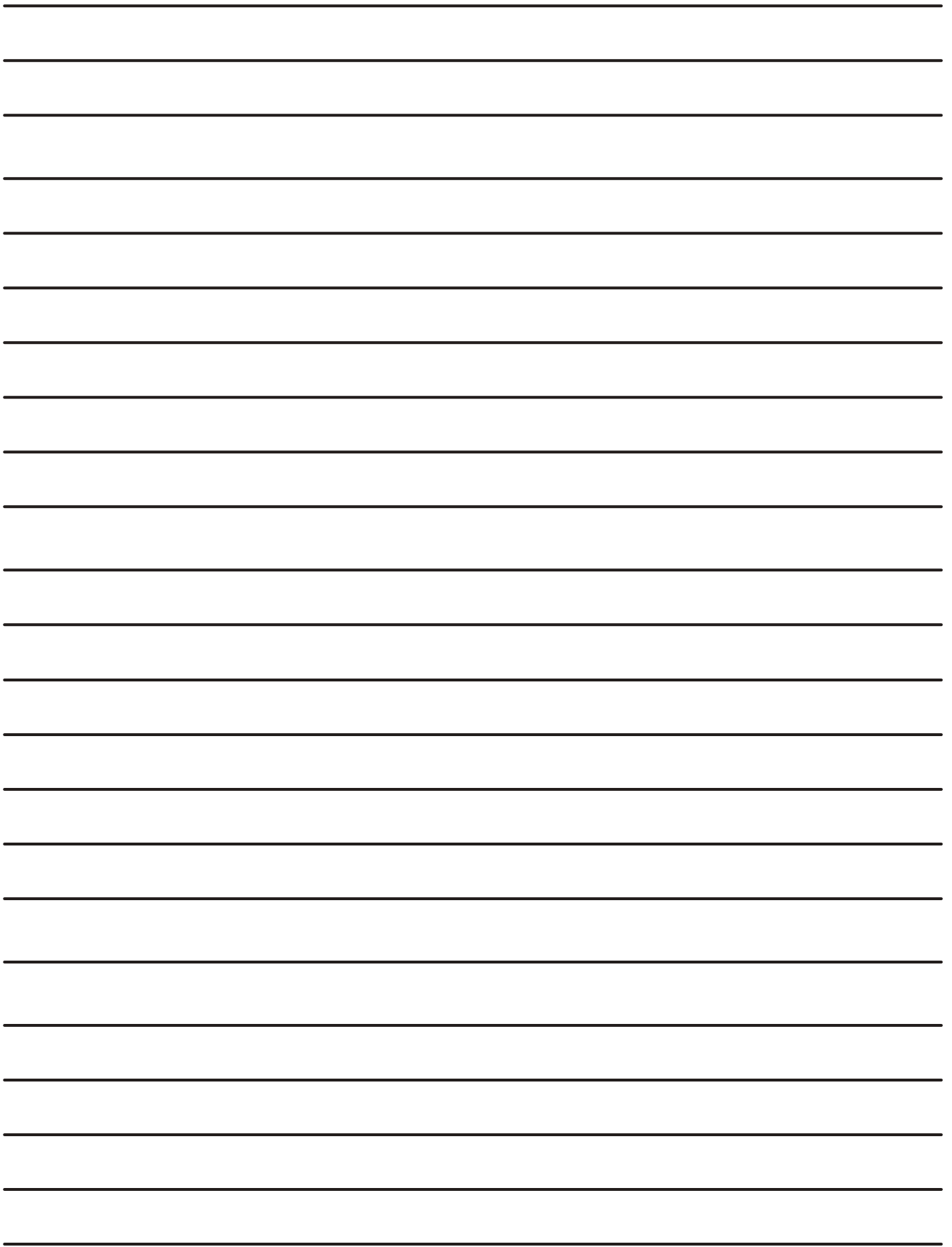
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What training needs are necessary for our operators?

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Considering our home agency's climate and terrain, how will that impact charging?





# MAINTENANCE

What training needs are necessary for our maintenance staff?

.....

What are the dimensions of the vehicle? Is the size compatible with our existing infrastructure (incl. maintenance facilities and streets)?

.....

Are there components or parts to this vehicle that will be necessary to keep on hand? Who are the vendors? Are these parts different from the vehicle parts that we already use for our fleet?

.....

Will electric vehicles change our road-call procedures and needed equipment?



