

# ELECTRIFY THE FLEET

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TSPOLST 2026

SUSTAINABILITY DEPARTMENT, TRANSPORTATION AND PUBLIC WORKS DEPARTMENT & CENTRAL SERVICES DEPARTMENT

**01.** BACKGROUND

**02.** CURRENT PROGRESS

**03.** PROJECT PROPOSAL

**04.** BENIFITS OF PROJECT

**AGENDA**



## **100% CLEAN & RENEWABLE ENERGY PLAN:**

Internal ACCGov operations must source 100% of energy needs from clean and renewable sources by 2035

# HOW WILL WE GET THERE?



**RENEWABLE ENERGY**



**EFFICIENCY**



**ELECTRIFICATION**

# ACCGOV ELECTRIFICATION



## Light Duty Vehicles

Class 1 - 3

~450 vehicles in fleet



## Heavy Duty Vehicles

Class 4 and above

~450 vehicles in fleet

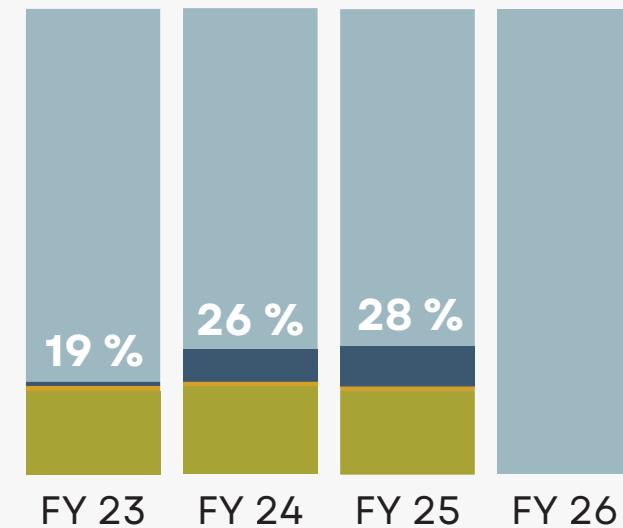


## Landscape Equipment

Landscape and Right of Way

~275 powered tools

## Percentage of Light Duty Fleet that are Hybrid, Plug in or Full Electric



# ACCGOV ELECTRIFICATION



## Light Duty Vehicles

Class 1 - 3  
~450 vehicles in fleet



## Heavy Duty Vehicles

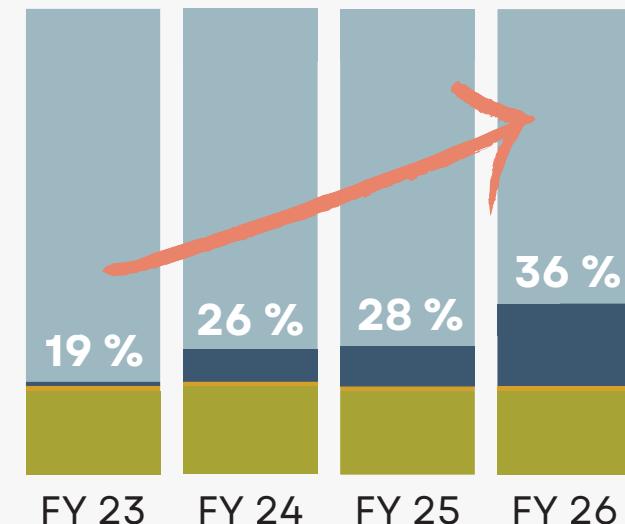
Class 4 and above  
~450 vehicles in fleet



## Landscape Equipment

Landscape and Right of Way  
~275 powered tools

### Percentage of Light Duty Fleet that are Hybrid, Plug in or Full Electric



 = Plug In Hybrid     = Internal Combustion Vehicles  
  
 = Hybrid     = Full Electric

# ACCGOV ELECTRIFICATION



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## Heavy Duty Vehicles

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## Landscape Equipment

Landscape and Right of Way  
~275 powered tools

## Transit Buses

TSPLOST 2023  
Project 20



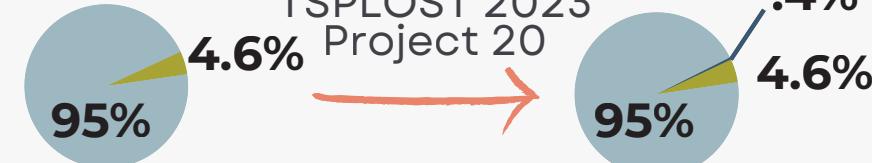
= Diesel Buses

= Diesel Hybrid Buses

= Full Electric Buses

## Heavy Duty Fleet Totals

TSPLOST 2023  
Project 20



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## 2023 Small Tools Pilot and 2024 Electric Mower Pilot Programs with ACCGov Landscape Management



ACCGov Landscape Management currently only has one fully electric crew. Staff is looking to transition to more electric mowers.

# NEXT STEPS



**Expand Electric  
Roadway Maintenance  
Equipment Based on  
Pilots**



**Pilot ACCGov's First  
Fully Electric Heavy  
Duty Vehicle**

# ELECTRIFY THE FLEET

## TSPOLST 2026

Proposes the acquisition of an electric dump truck for Transportation and Public Works Streets and Drainage with necessary charging infrastructure as well as the acquisition of electric mowers and tools for Central Services Landscape division.

PROJECT COSTS	ESTIMATES
Electric Dump Truck and Charging Infrastructure	\$600,000
Zero Turn Electric Mowers and Robotic Mower	\$80,000
Electric Maintenance Equipment	\$40,000
Project Management (4% of total budget)	\$ 29,000
Project Contingency (10% of total budget)	\$ 75,000
PROJECT SUBTOTAL:	\$ 824,000
Program Management (2% of Project Subtotal)	\$ 17,000
TSPOLST 2026 PROJECT TOTAL:	\$ 841,000

# WHY?

VARIABLE USE



LIMITED  
CONSUMER DATA



RAPID CHANGES  
IN TECH



**Stakeholder Buy-In**

**Multiple Support Vehicles**

**Public Exposure**

# BENEFITS OF PROJECT



## Supports Transportation Maintenance and Improvements

Investment in the project will be vital to roadway construction and care.



## Decrease in noise pollution

Lowered noise improves the public and workers experience and health.



## Reduced Ecosystem Stress

Noise and air pollution have a significant impact on local species.



## Improved Working Environment

Improved working environments increase work satisfaction and productivity.



## Decreased Air Pollution

For both employees and members of the public!



## Climate Impact

Reduces long term climate impacts like extreme heat and storms.



## Improved Insights

This project will allow ACCGov staff to gain insights into electrification.



## Fuel Cost Savings

Estimated fuel savings of ~\$1,000 per year.

# HOW WE'RE MEETING OUR GOALS

**GOAL AREA 1: GOOD NEIGHBORS**

**GOAL AREA 2: COMMUNITY PARTNERSHIPS**

**GOAL AREA 3: ORGANIZATIONAL IMPROVEMENT**

**GOAL AREA 4: AFFORDABLE HOUSING**

**GOAL AREA 5: SAFE TRAVEL**

**GOAL AREA 6: BUILT AND NATURAL INFRASTRUCTURE**

# HOW WE'RE MEETING OUR GOALS



**GOAL AREA 1: GOOD NEIGHBORS**

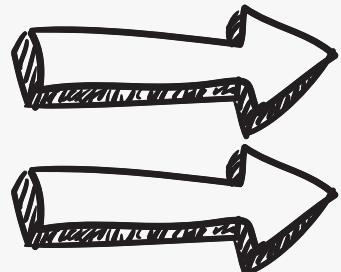
**GOAL AREA 2: COMMUNITY PARTNERSHIPS**

**GOAL AREA 3: ORGANIZATIONAL IMPROVEMENT**

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# QUESTIONS?