



Accelerating the Transition to Electric Vehicles: Advance Crediting Oregon Clean Fuels Program

Alternative Fuels & Technologies in Oregon

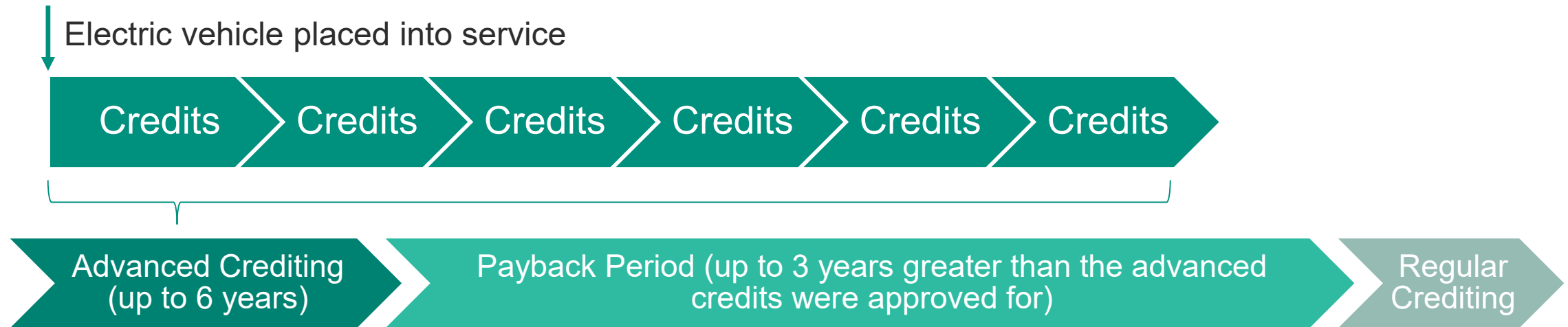


Ethanol
Biodiesel
Renewable diesel
Fossil and renewable CNG
Fossil and renewable LNG
Fossil and renewable LPG
Sustainable aviation fuel
Electricity
Hydrogen



Advanced Crediting: The Basic Concept

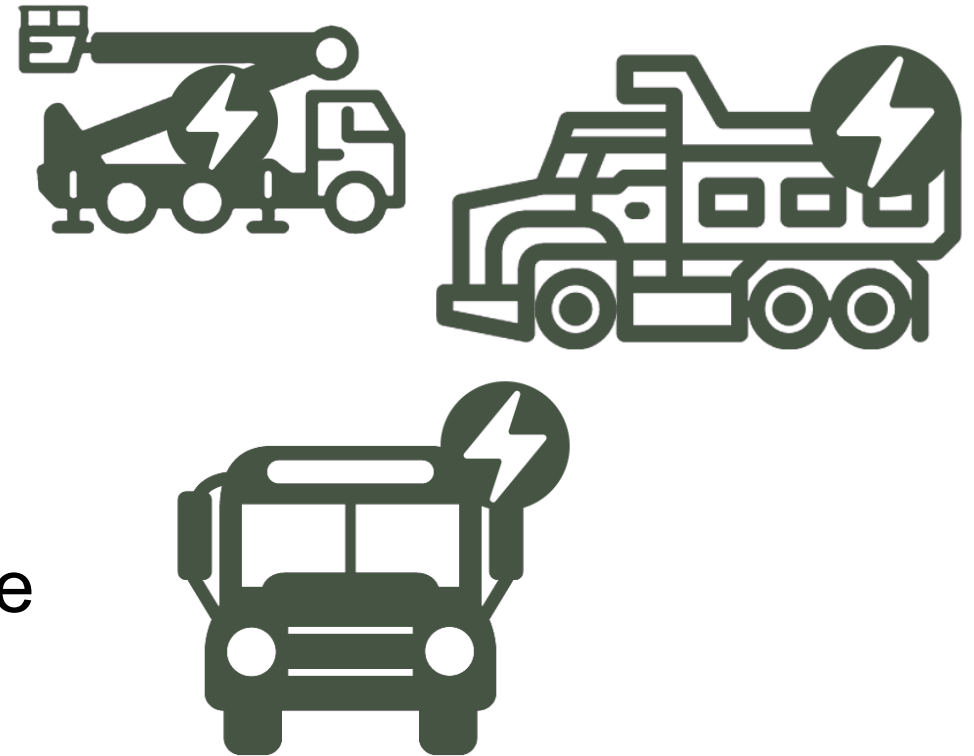
Regular credit generation occurs on a quarterly basis when the credit generator submits their quarterly report about how much electricity was dispensed from a charger.



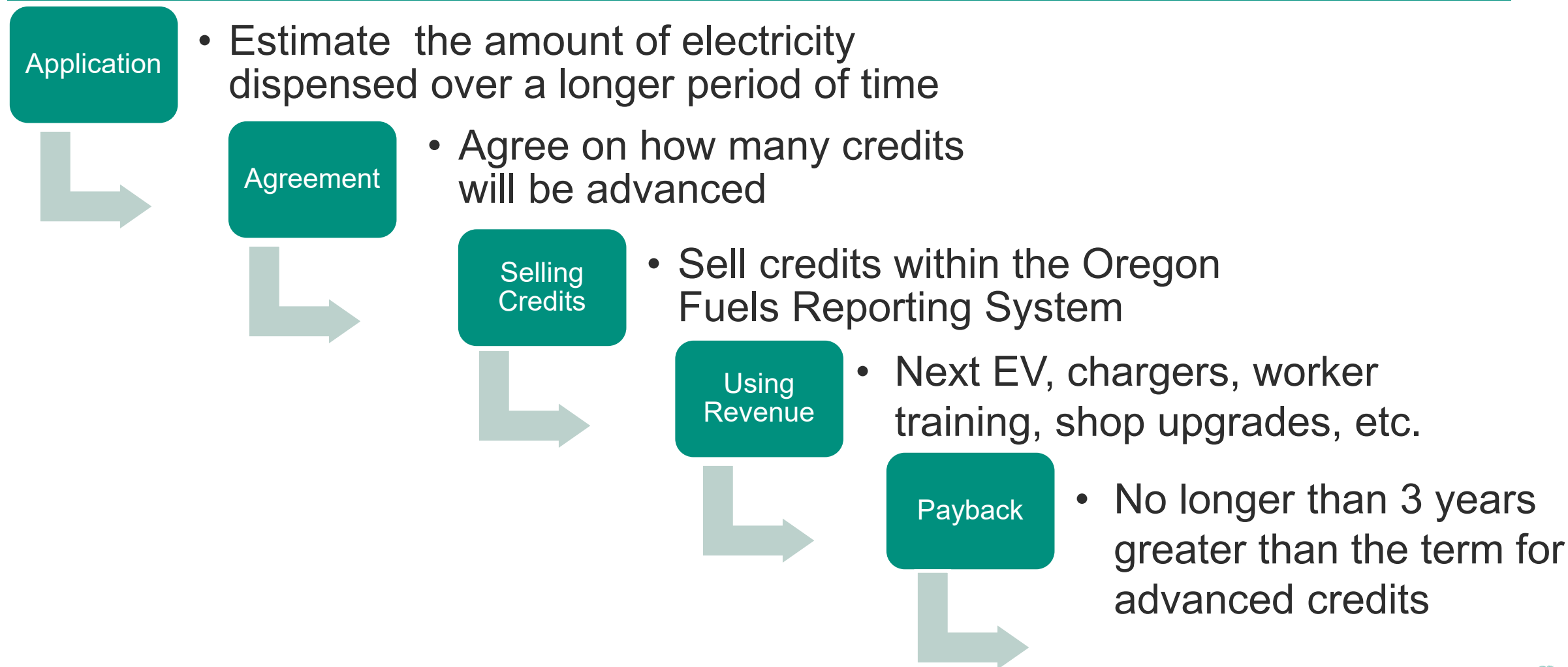
Advanced crediting is when DEQ grants up to 6 years' worth of credits when the first electric vehicle is placed into service.

Advance Crediting: Who is Eligible?

- Political subdivisions of the State of Oregon
- Tribes
- Public transit agencies
- School districts
- Companies under contract to provide services to a political subdivision of the State of Oregon or an Oregon school district



Advance Credits: The Process

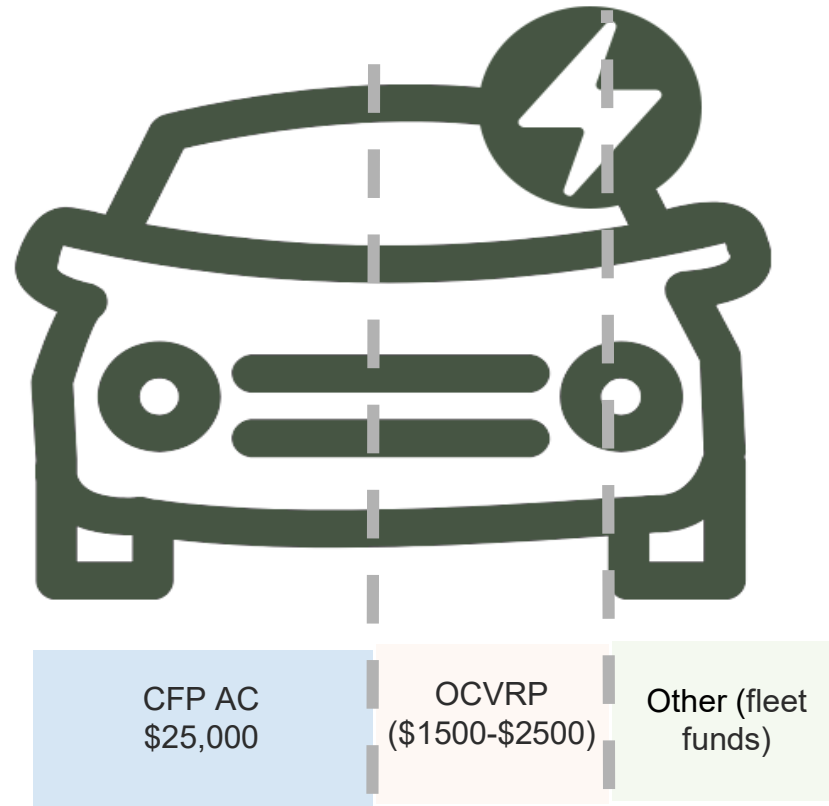


Advance Credits: Light Duty by the Numbers

| Year | Estimated | | | Revenue if credits sold @ \$125 |
|------|-----------|--------|---------|---------------------------------|
| | Miles | kWh | Credits | |
| 2022 | 15,000 | 27,900 | 36 | \$ 4,498.64 |
| 2023 | 15,000 | 27,900 | 35 | \$ 4,406.36 |
| 2024 | 15,000 | 27,900 | 35 | \$ 4,314.08 |
| 2025 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| 2026 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| 2027 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| | | | Total: | \$ 25,792.19 |

Example: Light Duty Fleet

The cost of an electric light duty vehicle is approximately \$45,000



Advance Credits: School Bus by the Numbers

| Year | Estimated | | | Revenue if credits sold @ \$125 |
|------|-----------|--------|---------|---------------------------------|
| | Miles | kWh | Credits | |
| 2022 | 15,000 | 27,900 | 36 | \$ 4,498.64 |
| 2023 | 15,000 | 27,900 | 35 | \$ 4,406.36 |
| 2024 | 15,000 | 27,900 | 35 | \$ 4,314.08 |
| 2025 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| 2026 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| 2027 | 15,000 | 27,900 | 34 | \$ 4,191.04 |
| | | | Total: | \$ 25,792.19 |

Example: Electric School Bus

The cost of a Class A electric school bus is approximately \$400,000



Oregon Dept of Education
Reimbursable Depreciation
over 10 years: \$210,000

Diesel Reduction Grants
\$100,000 – \$120,000

CFP AC
\$25,792

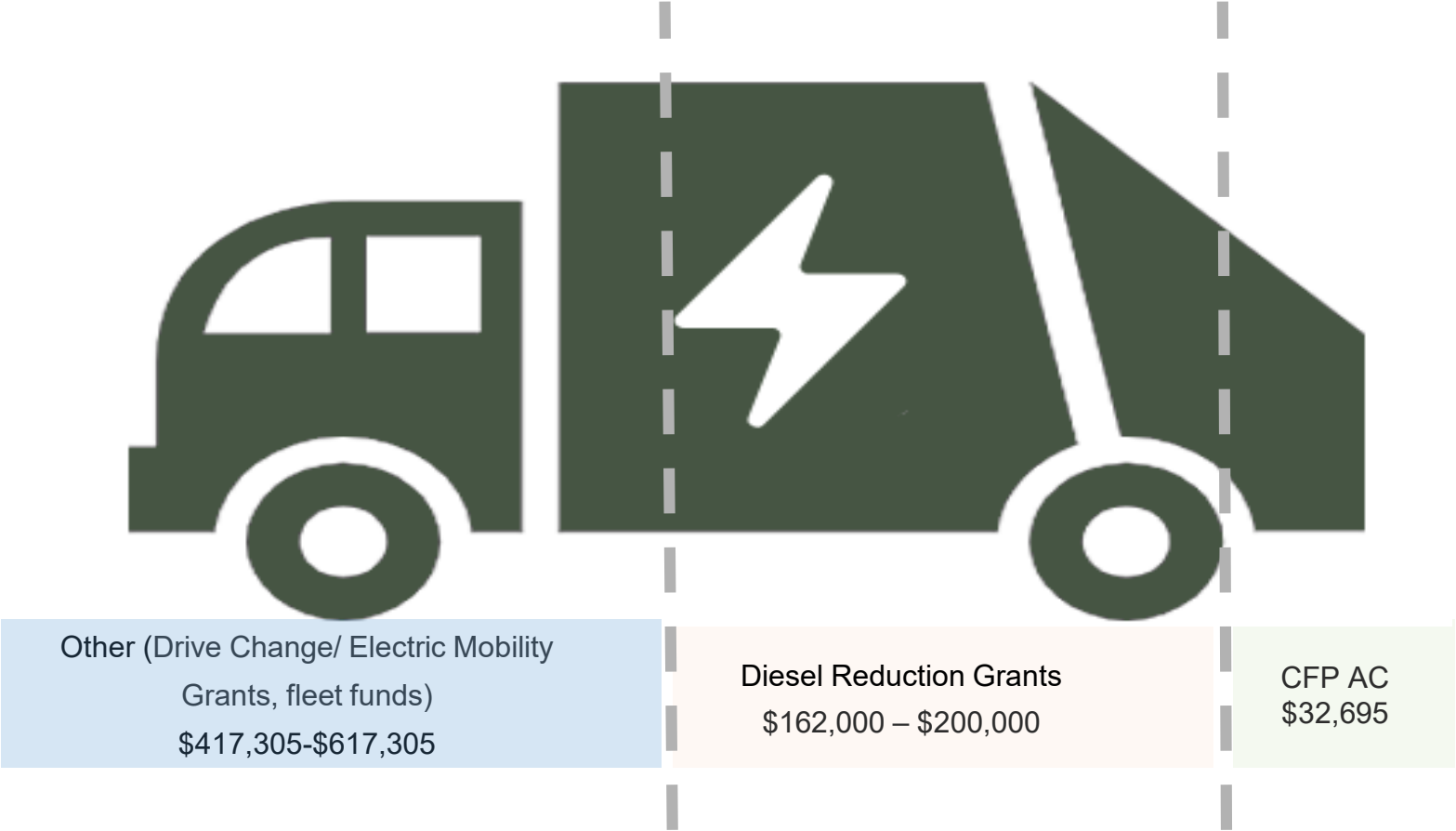
Other
\$55-\$65,000

Advance Credits: Garbage Truck by the Numbers

| Year | Estimated | | | Revenue if credits sold @ \$125 |
|------|-----------|--------|---------|---------------------------------|
| | Miles | kWh | Credits | |
| 2022 | 15,000 | 38,690 | 46 | \$5,729 |
| 2023 | 15,000 | 38,690 | 45 | \$5,599 |
| 2024 | 15,000 | 38,690 | 44 | \$5,470 |
| 2025 | 15,000 | 38,690 | 42 | \$5,298 |
| 2026 | 15,000 | 38,690 | 42 | \$5,298 |
| 2027 | 15,000 | 38,690 | 42 | \$5,298 |
| | | | Total: | \$32,695 |

Example: Electric Garbage Truck

The cost of an electric garbage truck is approximately \$650,000

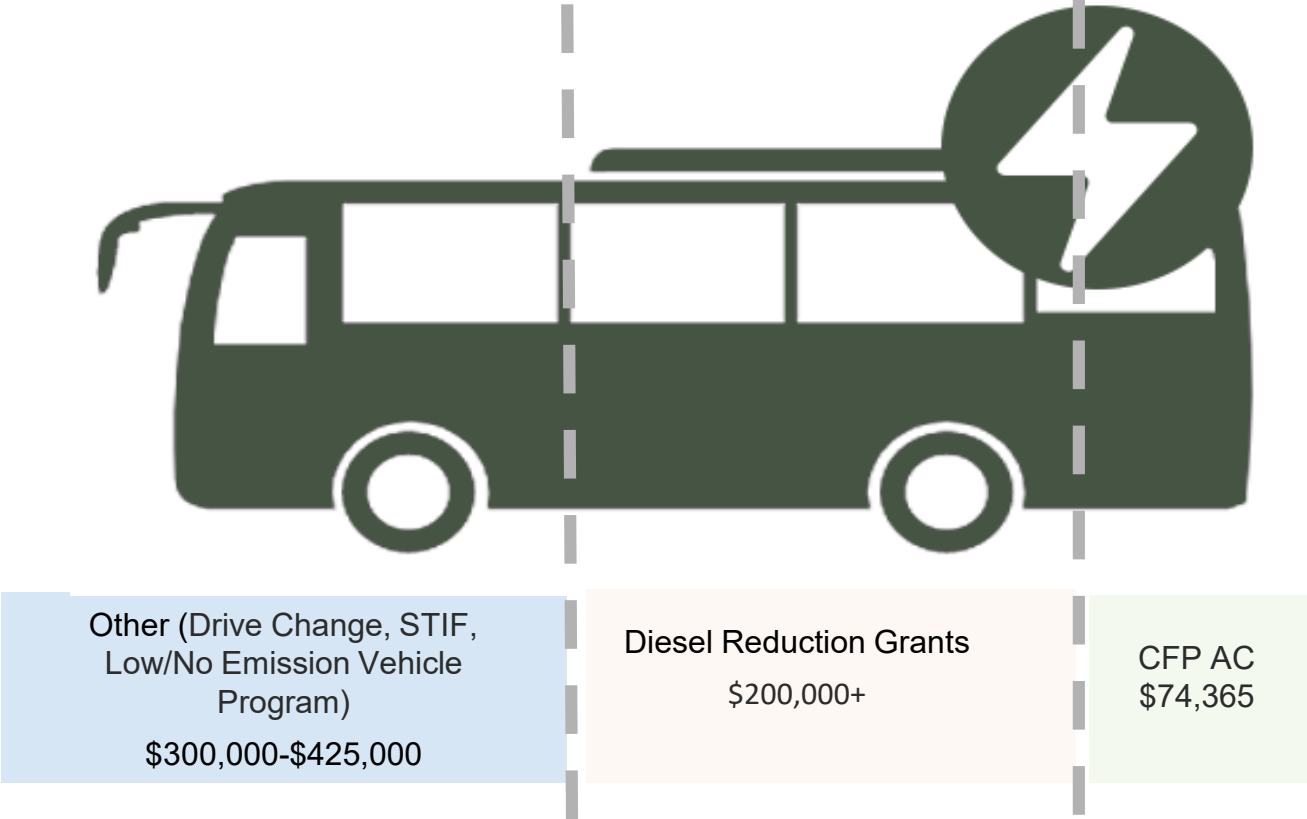


Advance Credits: Transit bus by the Numbers

| Year | Estimated | | | Revenue if credits sold @ \$125 |
|------|-----------|--------|---------|------------------------------------|
| | Miles | kWh | Credits | |
| 2022 | 40,000 | 88,000 | 104 | \$13,030.38 |
| 2023 | 40,000 | 88,000 | 102 | \$12,735.36 |
| 2024 | 40,000 | 88,000 | 100 | \$12,442.32 |
| 2025 | 40,000 | 88,000 | 96 | \$12,052.26 |
| 2026 | 40,000 | 88,000 | 96 | \$12,052.26 |
| 2027 | 40,000 | 88,000 | 96 | \$12,052.26 |
| | | | Total: | \$74,364.84 |

Example: Electric Transit Bus

The cost of an electric transit bus is approximately \$650,000



Advance Credits: Investing in more EVs

- Installing chargers
- Upgrading the electrical infrastructure to support charging
- Converting the maintenance shop
- Training mechanics on electric systems
- Purchasing additional electric vehicles



Next Steps

- Sign up for [Public Notices](#) for updates on the advance crediting application
- Track your miles for your electric Vehicle
- Know the opportunities:
 - [Clean Fuels Program](#)
 - [Diesel Emission Reduction Grants](#)
 - [School Bus replacement Program](#)
- Purchase additional electric vehicles