

# Electric Vehicle Fleet Conversion Program

## Total Cost of Ownership Calculator



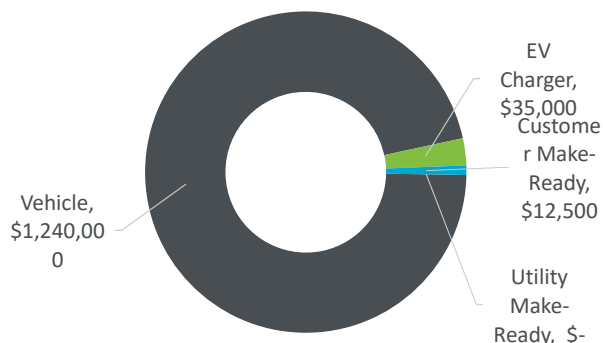
Approximation Prepared for: Sample Customer  
Date Prepared: 4/2/2021

For further information contact your local Puget Sound Energy Representative or call (###) ###-#### or email CONTACT@pse.com or visit www.pse.com/pages/electric-cars

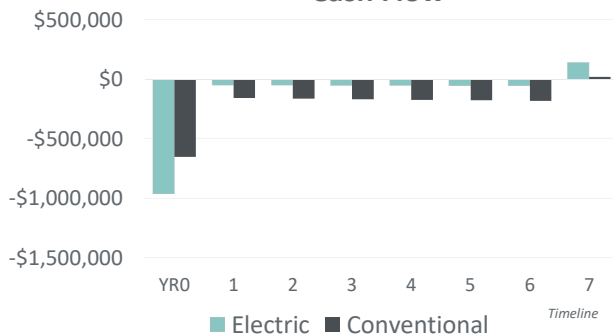
**For your fleet of 10 delivery vans with a 7-year lifetime:**

<b>Total O&amp;M Savings</b>		<b>ROI</b>
<b>\$834,591</b>		<b>29%</b>
(over 7 years)		
Avg Annual O&M Savings	Avg Annual Fuel Savings	Avg Annual Maintenance Savings
<b>\$119,227</b>	<b>\$112,165</b>	<b>\$10,063</b>
Total Net Upfront Capital Cost	Payback Period (years)	Annual EV Charger O&M
<b>\$962,500</b>	<b>3</b>	<b>\$3,000</b>

### Total Capital Investment Costs (All Years)



### Electric vs. Conventional Annual Net Cash Flow



Note: a total of \$325,000 in vehicle rebates are also anticipated to offset vehicle costs (not shown)

By converting this fleet, you'll avoid 2,473 tons of GHG emissions.  
With Managed Charging, you can save \$10,890 annually.

### Recommendations

Recommended Charger: LVL 2 (19.2kW)  
Number of Charger Ports: 10  
Utility Rate Schedule: Schedule 25

### Key Fleet Inputs

Type of Vehicle: Class 3: Delivery Van  
Number of Vehicles: 10  
Daily Vehicle Miles Traveled: 100  
Vehicle Lifetime: 7  
Acquisition Method: Cash

### Other Inputs

Work Days per Week: 6  
Incentive Classification: General  
Vehicle to Charge-Port Ratio: 1  
Utility Make-Ready Cost: \$  
Current average mpg: 8

Charging Scenario: 9pm to 5am (Opt)  
Vehicle Rebates (\$/EV): \$32,500  
Cust. Make-Ready Cost: \$  
Trenching Required: No  
Current Fuel Price (\$/gal): \$3.25