

Fleet Electrification 2022

	VEHICLE TO BE REPLACED				TRADITIONAL ICE REPLACEMENT			EV REPLACEMENT OPTION					
Year-Make-Model	Department	LTD Miles Driven	Year-Make-Model (ICE Vehicle)	2022 Estimated Purchase Cost (ICE)	Estimated Ownership Cost, Per Mile	Estimated Operating Cost Per Mile (Fuel and Maintenance)	Year-Make-Model (EV)	2022 Estimated Purchase Cost (EV)	Estimated Mile/kWh	Estimated Ownership Cost, Per Mile	Est. Operating Cost, Per Mile (Electricity and Maintenance)	Est. Combined Ownership + Operating Cost Per Mile w/Traditional ICE Vehicle	Est. Combined Ownership + Operating Cost Per Mile -w/EV Replacement
2003 Isuzu Cab Over Truck	Public Works	136,660	Kenworth 270 (Diesel)	\$143,379.00	\$1.05	\$1.88	Kenworth E270 (EV)	\$365,395	0.67	\$2.67	\$0.762	\$2.93	\$3.44
2005 Chevrolet Colorado	Facilities & Fleet	91,632	Ford F150 (Gasoline)	\$30,152.28	\$0.33	\$0.39	Ford Lightning (EV)	\$47,551	2.00	\$0.52	\$0.244	\$0.72	\$0.29
2008 Dodge Avenger	Motor Pool	72,716	Ford Escape (Hybrid)	\$27,159.30	\$0.37	\$0.43	Ford Mach E (EV)	\$46,905	2.70	\$0.65	\$0.125	\$0.80	\$0.77
2007 Chevrolet K1500	Facilities & Fleet	98,879	Ford F150 (Gasoline)	\$30,152.28	\$0.30	\$0.57	Ford Lightning (EV)	\$47,551	2.00	\$0.48	\$0.244	\$0.87	\$0.73
2008 Ford F250	Facilities & Fleet	99,875	Ford F150 (Gasoline)	\$30,152.28	\$0.30	\$0.71	Ford Lightning (EV)	\$47,551	2.00	\$0.48	\$0.244	\$1.02	\$0.72
2001 Chevrolet Express Van	Facilities & Fleet	104,886	Ford Transit (Gasoline)	\$39,624.00	\$0.38	\$0.56	Ford E-Transit (EV)	\$47,863	0.46	\$0.19	\$0.244	\$0.94	\$0.70