

Current Medium- and Heavy-duty Vehicle Total Cost of Ownership Supporting data

User Inputs

Vehicle Info	User Inputs	
Vehicle Function	Municipal	
Vehicle Class	Class 7	
Fuel Type	Diesel	
Fleet Location	British Colombia	
Fuel Consumption (dle/100km)		
Fuel Cost (CAD/dle)		
Distance Traveled (km/year)		
Number of Vehicles		
MSRP (CAD)		
Discount (CAD)		
Vehicle Purchased with Loan?	Yes	
Interest Rate		
Payback Time (Years)		7
Down Payment Percentage		20
End of Life Salvage	No	
Salvage %		
Infrastructure	None	
Infrastructure Cost		
Interest Rate		
Infrastructure Purchased with Loan?	Yes	
Payback Time		7
Down Payment Percentage		30

Maintenance Costs (\$/year)
CO2 eq kg /Year
CO2 eq kg Total
CO2 kg Reduction from Worst Offender
Needed Inputs
Purchase Cost
Infrastructure Cost
Fuel Cost
Maintenance Costs
Number of Vehicles Considered
End of Life Salvage

Vehicle Classes and Vocation

Years	Yes/No	Classes	Vehicle Types	Classes (Raw)	Fuel Types	Infrastructure	Fleet Location
3	Yes	Class 3	Municipal Transit	Class 3	Battery Electric	None	Yukon
4	No	Class 4	Wheelchair/Handicapped	Class 4	Diesel	Level 2	Northwest Territories
5		Class 5	Municipal	Class 5	Gasoline	Level 3	Nunavut
6		Class 6	Gas Utility	Class 6	CNG	CNG	British Colombia
7		Class 7	Electric Utility	Class 7	Low Nox		Alberta
8		Class 8	Telephone Utility	Class 8	Fuel Cell		Saskatchewan
9		Transit Bus	Urban Distribution	Transit Bus			Manitoba
			Courier				Ontario
			Heavy Haul				Quebec
			Liquid Bulk				Western Provinces
			Long Haul				
			Regional				
			Salt/Sander/Plow				

Refuse/Recycle
Other

Infrastructure Cost

Type	Total Cost One Unit (estimated)	Number of Units Served	Number of kW Served	Salvage Value	Cost of Capital	Depreciation Period	Capital Cost p/mth.	Depreciation Cost p/mth.	Total Cost p/mth	Cost per Unit p/mth
None	\$ -	0	0	0	0	0	0	0	0	0
Level 2	\$ 4,500.00	2	7.6	\$ 100.00	6%	60	\$ 4.50	\$73.33	\$ 77.83	\$ 38.92
Level 3	\$ 100,000.00	10	62.5	\$ 5,000.00	6%	300	\$ 20.00	\$316.67	\$ 336.67	\$ 33.67
CNG	\$ 1,680,000.00	10		\$ 5,000.00	6%	300	\$ 336.00	\$5,583.33	\$ 5,919.33	\$ 591.93

Maintenance Costs

	(\$/km)	(\$/km)	(\$/km)	(\$/km)	(\$/km)	(\$/km)
	Battery Electric	Diesel	Gasoline	CNG	Low Nox	Fuel Cell
Class 3 Municipal	\$ 0.01	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.01
Class 3 Gas Utility	\$ 0.01	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.10	\$ 0.01
Class 3 Electric Utility	\$ 0.00	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.00
Class 3 Telephone Utility	\$ 0.02	\$ 0.19	\$ 0.19	\$ 0.20	\$ 0.20	\$ 0.02
Class 4 Municipal	\$ 0.01	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.01

Class 4 Gas Utility	\$ 0.01	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.01
Class 4 Electric Utility	\$ 0.01	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.10	\$ 0.01
Class 4 Telephone Utility	\$ 0.02	\$ 0.20	\$ 0.20	\$ 0.21	\$ 0.21	\$ 0.02
Class 4 Urban Distribution	\$ 0.04	\$ 0.43	\$ 0.43	\$ 0.46	\$ 0.46	\$ 0.04
Class 4 Courier	\$ 0.04	\$ 0.43	\$ 0.43	\$ 0.46	\$ 0.46	\$ 0.04
Class 5 Municipal	\$ 0.02	\$ 0.33	\$ 0.33	\$ 0.34	\$ 0.34	\$ 0.02
Class 5 Gas Utility	\$ 0.01	\$ 0.32	\$ 0.32	\$ 0.33	\$ 0.33	\$ 0.01
Class 5 Electric Utility	\$ 0.01	\$ 0.31	\$ 0.31	\$ 0.32	\$ 0.32	\$ 0.01
Class 5 Telephone Utility	\$ 0.04	\$ 0.36	\$ 0.36	\$ 0.38	\$ 0.38	\$ 0.04
Class 5 Urban Distribution	\$ 0.11	\$ 0.46	\$ 0.46	\$ 0.48	\$ 0.48	\$ 0.11
Class 5 Courier	\$ 0.11	\$ 0.46	\$ 0.46	\$ 0.48	\$ 0.48	\$ 0.11
Class 6 Municipal	\$ 0.03	\$ 0.34	\$ 0.34	\$ 0.36	\$ 0.36	\$ 0.03
Class 6 Gas Utility	\$ 0.02	\$ 0.34	\$ 0.34	\$ 0.35	\$ 0.35	\$ 0.02
Class 6 Electric Utility	\$ 0.01	\$ 0.31	\$ 0.31	\$ 0.33	\$ 0.33	\$ 0.01
Class 6 Telephone Utility	\$ 0.06	\$ 0.38	\$ 0.38	\$ 0.40	\$ 0.40	\$ 0.06
Class 6 Urban Distribution	\$ 0.16	\$ 0.54	\$ 0.54	\$ 0.57	\$ 0.57	\$ 0.16
Class 6 Courier	\$ 0.16	\$ 0.54	\$ 0.54	\$ 0.57	\$ 0.57	\$ 0.16

Class 7 Municipal	\$ 0.03	\$ 0.34	\$ 0.34	\$ 0.36	\$ 0.36	\$ 0.03
Class 7 Gas Utility	\$ 0.02	\$ 0.33	\$ 0.33	\$ 0.34	\$ 0.34	\$ 0.02
Class 7 Electric Utility	\$ 0.03	\$ 0.34	\$ 0.34	\$ 0.36	\$ 0.36	\$ 0.03
Class 7 Telephone Utility	\$ 0.06	\$ 0.38	\$ 0.38	\$ 0.40	\$ 0.40	\$ 0.06
Class 7 Urban Distribution	\$ 0.16	\$ 0.54	\$ 0.54	\$ 0.57	\$ 0.57	\$ 0.16
Class 7 Courier	\$ 0.16	\$ 0.54	\$ 0.54	\$ 0.57	\$ 0.57	\$ 0.16
Class 8 Municipal	\$ 0.01	\$ 0.32	\$ 0.32	\$ 0.33	\$ 0.33	\$ 0.01
Class 8 Gas Utility	\$ 0.04	\$ 0.35	\$ 0.35	\$ 0.37	\$ 0.37	\$ 0.04
Class 8 Electric Utility	\$ 0.01	\$ 0.31	\$ 0.31	\$ 0.32	\$ 0.32	\$ 0.01
Class 8 Telephone Utility	\$ 0.03	\$ 0.34	\$ 0.34	\$ 0.36	\$ 0.36	\$ 0.03
Class 8 Urban Distribution	\$ 0.10	\$ 0.73	\$ 0.73	\$ 0.77	\$ 0.77	\$ 0.10
Class 8 Courier	\$ 0.12	\$ 0.91	\$ 0.91	\$ 0.96	\$ 0.96	\$ 0.12
Class 8 Heavy Haul	\$ 0.22	\$ 1.69	\$ 1.69	\$ 1.77	\$ 1.77	\$ 0.22
Class 8 Liquid Bulk	\$ 0.22	\$ 1.69	\$ 1.69	\$ 1.77	\$ 1.77	\$ 0.22
Class 8 Long Haul	\$ 0.22	\$ 1.70	\$ 1.70	\$ 1.78	\$ 1.78	\$ 0.22
Class 8 Regional	\$ 0.22	\$ 1.69	\$ 1.69	\$ 1.77	\$ 1.77	\$ 0.22
Class 8 Salt/Sander/Plow	\$ 0.05	\$ 0.37	\$ 0.37	\$ 0.39	\$ 0.39	\$ 0.05

Class 8 Refuse/Recycle	\$ 0.02	\$ 0.33	\$ 0.33	\$ 0.35	\$ 0.35	\$ 0.02
Transit Bus Municipal Transit	\$ 0.12	\$ 0.64	\$ 0.64	\$ 0.67	\$ 0.67	\$ 0.12
Transit Bus Wheelchair/Handicapped	\$ 0.07	\$ 0.38	\$ 0.38	\$ 0.40	\$ 0.40	\$ 0.07
Class 3 Other	\$ 0.01	\$ 0.11	\$ 0.11	\$ 0.12	\$ 0.12	\$ 0.01
Class 4 Other	\$ 0.02	\$ 0.22	\$ 0.22	\$ 0.24	\$ 0.24	\$ 0.02
Class 5 Other	\$ 0.05	\$ 0.37	\$ 0.37	\$ 0.39	\$ 0.39	\$ 0.05
Class 6 Other	\$ 0.07	\$ 0.41	\$ 0.41	\$ 0.43	\$ 0.43	\$ 0.07
Class 7 Other	\$ 0.07	\$ 0.41	\$ 0.41	\$ 0.43	\$ 0.43	\$ 0.07
Class 8 Other	\$ 0.11	\$ 0.87	\$ 0.87	\$ 0.91	\$ 0.91	\$ 0.11
Transit Bus Other	\$ 0.10	\$ 0.51	\$ 0.51	\$ 0.54	\$ 0.54	\$ 0.10

Estimated Kilometers per year

Estimate - data n/a	Battery Electric	Diesel	Gasoline	CNG	Low Nox	Fuel Cell
Class 3 Municipal	13,220	13,220	13,220	13,220	13,220	13,220
Class 3 Gas Utility	12,889	12,889	12,889	12,889	12,889	12,889
Class 3 Electric Utility	8,030	8,030	8,030	8,030	8,030	8,030
Class 3 Telephone Utility	26,553	26,553	26,553	26,553	26,553	26,553
Class 4 Municipal	13,220	13,220	13,220	13,220	13,220	13,220
Class 4 Gas Utility	12,156	12,156	12,156	12,156	12,156	12,156
Class 4 Electric Utility	12,824	12,824	12,824	12,824	12,824	12,824
Class 4 Telephone Utility	27,933	27,933	27,933	27,933	27,933	27,933

Class 4 Urban Distribution	40,000	40,000	40,000	40,000	40,000	40,000
Class 4 Courier	40,000	40,000	40,000	40,000	40,000	40,000
Class 5 Municipal	13,220	13,220	13,220	13,220	13,220	13,220
Class 5 Gas Utility	9,497	9,497	9,497	9,497	9,497	9,497
Class 5 Electric Utility	4,083	4,083	4,083	4,083	4,083	4,083
Class 5 Telephone Utility	30,046	30,046	30,046	30,046	30,046	30,046
Class 5 Urban Distribution	55,000	55,000	55,000	55,000	55,000	55,000
Class 5 Courier	55,000	55,000	55,000	55,000	55,000	55,000
Class 6 Municipal	13,022	13,022	13,022	13,022	13,022	13,022
Class 6 Gas Utility	12,156	12,156	12,156	12,156	12,156	12,156
Class 6 Electric Utility	4,083	4,083	4,083	4,083	4,083	4,083
Class 6 Telephone Utility	27,933	27,933	27,933	27,933	27,933	27,933
Class 6 Urban Distribution	55,000	55,000	55,000	55,000	55,000	55,000
Class 6 Courier	55,000	55,000	55,000	55,000	55,000	55,000
Class 7 Municipal	13,022	13,022	13,022	13,022	13,022	13,022
Class 7 Gas Utility	9,497	9,497	9,497	9,497	9,497	9,497
Class 7 Electric Utility	12,824	12,824	12,824	12,824	12,824	12,824
Class 7 Telephone Utility	27,933	27,933	27,933	27,933	27,933	27,933
Class 7 Urban Distribution	55,000	55,000	55,000	55,000	55,000	55,000
Class 7 Courier	55,000	55,000	55,000	55,000	55,000	55,000
Class 8 Municipal	10,799	10,799	10,799	10,799	10,799	10,799
Class 8 Gas Utility	29,558	29,558	29,558	29,558	29,558	29,558
Class 8 Electric Utility	4,350	4,350	4,350	4,350	4,350	4,350
Class 8 Telephone Utility	24,327	24,327	24,327	24,327	24,327	24,327
Class 8 Urban Distribution	80,000	80,000	80,000	80,000	80,000	80,000
Class 8 Courier	100,000	100,000	100,000	100,000	100,000	100,000
Class 8 Heavy Haul	185,000	185,000	185,000	185,000	185,000	185,000
Class 8 Liquid Bulk	185,000	185,000	185,000	185,000	185,000	185,000
Class 8 Long Haul	185,868	185,868	185,868	185,868	185,868	185,868
Class 8 Regional	185,000	185,000	185,000	185,000	185,000	185,000
Class 8 Salt/Sander/Plow	42,370	42,370	42,370	42,370	42,370	42,370

Class 8 Refuse/Recycle	20,697	20,697	20,697	20,697	20,697	20,697
Transit Bus Municipal Transit	60,876	60,876	60,876	60,876	60,876	60,876
Transit Bus Wheelchair/Handicapped	36,186	36,186	36,186	36,186	36,186	36,186
Class 3 Other	15,173.00	15,173.00	15,173.00	15,173.00	15,173.00	15,173.00
Class 4 Other	24,355.50	24,355.50	24,355.50	24,355.50	24,355.50	24,355.50
Class 5 Other	27,807.67	27,807.67	27,807.67	27,807.67	27,807.67	27,807.67
Class 6 Other	27,865.67	27,865.67	27,865.67	27,865.67	27,865.67	27,865.67
Class 7 Other	28,879.33	28,879.33	28,879.33	28,879.33	28,879.33	28,879.33
Class 8 Other	87,747.41	87,747.41	87,747.41	87,747.41	87,747.41	87,747.41
Transit Bus Other	48,531.00	48,531.00	48,531.00	48,531.00	48,531.00	48,531.00

Vehicle MSRP

	Battery Electric	Diesel	Gasoline	CNG	Low Nox	Fuel Cell
Class 3 Municipal	\$ 130,662.14	\$ 68,289.00	\$ 65,427.58	\$ 83,448.97	\$ 85,386.92	\$ 216,486.29
Class 3 Gas Utility	\$ 130,662.14	\$ 68,289.00	\$ 65,427.58	\$ 83,448.97	\$ 85,386.92	\$ 216,486.29
Class 3 Electric Utility	\$ 130,662.14	\$ 68,289.00	\$ 65,427.58	\$ 83,448.97	\$ 85,386.92	\$ 216,486.29
Class 3 Telephone Utility	\$ 130,662.14	\$ 68,289.00	\$ 65,427.58	\$ 83,448.97	\$ 85,386.92	\$ 216,486.29
Class 4 Municipal	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 4 Gas Utility	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 4 Electric Utility	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 4 Telephone Utility	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 4 Urban Distribution	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 4 Courier	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 5 Municipal	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 5 Gas Utility	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 5 Electric Utility	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 5 Telephone Utility	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 5 Urban Distribution	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 5 Courier	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 6 Municipal	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88

Class 6 Gas Utility	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 6 Electric Utility	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 6 Telephone Utility	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 6 Urban Distribution	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 6 Courier	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 7 Municipal	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 7 Gas Utility	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 7 Electric Utility	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 7 Telephone Utility	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 7 Urban Distribution	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 7 Courier	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 8 Municipal	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Gas Utility	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Electric Utility	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Telephone Utility	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Urban Distribution	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Courier	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Heavy Haul	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Liquid Bulk	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Long Haul	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Regional	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Salt/Sander/Plow	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Class 8 Refuse/Recycle	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86
Transit Bus Municipal Transit	\$ 1,148,022.16	\$ 600,000.00	\$ 574,859.03	\$ 733,198.39	\$ 750,225.56	\$ 1,902,089.29
Transit Bus Wheelchair/Handicapped	\$ 172,203.32	\$ 90,000.00	\$ 86,228.85	\$ 109,979.76	\$ 112,533.83	\$ 285,313.39
Class 3 Other	\$ 130,662.14	\$ 68,289.00	\$ 65,427.58	\$ 83,448.97	\$ 85,386.92	\$ 216,486.29
Class 4 Other	\$ 158,532.29	\$ 82,855.00	\$ 79,383.24	\$ 101,248.59	\$ 103,599.90	\$ 262,662.68
Class 5 Other	\$ 176,030.07	\$ 92,000.00	\$ 88,145.05	\$ 112,423.75	\$ 115,034.59	\$ 291,653.69
Class 6 Other	\$ 191,337.03	\$ 100,000.00	\$ 95,809.84	\$ 122,199.73	\$ 125,037.59	\$ 317,014.88
Class 7 Other	\$ 210,470.73	\$ 110,000.00	\$ 105,390.82	\$ 134,419.70	\$ 137,541.35	\$ 348,716.37
Class 8 Other	\$ 229,604.43	\$ 120,000.00	\$ 114,971.81	\$ 146,639.68	\$ 150,045.11	\$ 380,417.86

Transit Bus Other	\$ 660,112.74	\$ 345,000.00	\$ 330,543.94	\$ 421,589.07	\$ 431,379.70	\$ 1,093,701.34
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Fuel Consumption

	kw/ 100km	l/ 100km	l/ 100km	dle/ 100km	dle/ 100km	dle/ 100km
	Battery Electric	Diesel	Gasoline	CNG	Low Nox	Fuel Cell
Class 3 Municipal	46.00	32.20	35.78	39.70	39.70	7.39
Class 3 Gas Utility	60.68	35.50	39.45	43.76	43.76	8.14
Class 3 Electric Utility	47.00	27.50	30.56	33.90	33.90	6.31
Class 3 Telephone Utility	34.35	20.10	22.33	24.78	24.78	4.61
Class 4 Municipal	56.14	39.30	43.67	48.45	48.45	9.02
Class 4 Gas Utility	73.32	42.90	47.67	52.89	52.89	9.84
Class 4 Electric Utility	58.45	34.20	38.00	42.16	42.16	7.85
Class 4 Telephone Utility	43.24	25.30	28.11	31.19	31.19	5.80
Class 4 Urban Distribution	32.86	23.00	25.56	28.35	28.35	5.28
Class 4 Courier	47.86	28	31.11	34.52	34.52	6.42
Class 5 Municipal	63.86	44.70	49.67	55.11	55.11	10.25
Class 5 Gas Utility	73.32	42.90	47.67	52.89	52.89	9.84
Class 5 Electric Utility	68.54	40.10	44.56	49.43	49.43	9.20
Class 5 Telephone Utility	51.45	30.10	33.45	37.11	37.11	6.90
Class 5 Urban Distribution	40.00	28.00	31.11	34.52	34.52	6.42
Class 5 Courier	47.86	28.00	31.11	34.52	34.52	6.42
Class 6 Municipal	69.57	48.70	54.11	60.04	60.04	11.17
Class 6 Gas Utility	76.74	44.90	49.89	55.35	55.35	10.30
Class 6 Electric Utility	78.11	45.70	50.78	56.34	56.34	10.48
Class 6 Telephone Utility	65.63	38.40	42.67	47.34	47.34	8.81
Class 6 Urban Distribution	51.43	36.00	40.00	44.38	44.38	8.26
Class 6 Courier	61.53	36.00	40.00	44.38	44.38	8.26
Class 7 Municipal	77.71	54.40	60.45	67.06	67.06	12.48
Class 7 Gas Utility	77.25	45.20	50.23	55.72	55.72	10.37
Class 7 Electric Utility	85.29	49.90	55.45	61.52	61.52	11.45

Class 7 Telephone Utility	80.50	47.10	52.34	58.06	58.06	10.80
Class 7 Urban Distribution	68.57	48.00	53.34	59.17	59.17	11.01
Class 7 Courier	82.04	48.00	53.34	59.17	59.17	11.01
Class 8 Municipal	85.71	60.00	66.67	73.97	73.97	13.76
Class 8 Gas Utility	86.48	50.60	56.23	62.38	62.38	11.61
Class 8 Electric Utility	90.24	52.80	58.67	65.09	65.09	12.11
Class 8 Telephone Utility	97.42	57.00	63.34	70.27	70.27	13.08
Class 8 Urban Distribution	85.71	60.00	66.67	73.97	73.97	13.76
Class 8 Courier	102.55	60.00	66.67	73.97	73.97	13.76
Class 8 Heavy Haul	95.71	45.00	50.00	55.47	55.47	10.32
Class 8 Liquid Bulk	95.71	45.00	50.00	55.47	55.47	10.32
Class 8 Long Haul	94.01	44.20	49.11	54.49	54.49	10.14
Class 8 Regional	126.68	45.00	50.00	55.47	55.47	10.32
Class 8 Salt/Sander/Plow	58.71	41.10	45.67	50.67	50.67	9.43
Class 8 Refuse/Recycle	64.29	45.00	50.00	55.47	55.47	10.32
Transit Bus Municipal Transit	92.64	54.20	60.23	66.82	66.82	12.43
Transit Bus Wheelchair/Handicapped	76.91	45.00	50.00	55.47	55.47	10.32
Class 3 Other	47.01	28.83	32.03	35.53	35.53	6.61
Class 4 Other	51.98	32.12	35.69	39.59	39.59	7.37
Class 5 Other	57.50	35.63	39.60	43.93	43.93	8.17
Class 6 Other	67.17	41.62	46.24	51.30	51.30	9.55
Class 7 Other	78.56	48.77	54.19	60.12	60.12	11.19
Class 8 Other	90.27	50.48	56.09	62.22	62.22	11.58
Transit Bus Other	84.78	49.60	55.11	61.15	61.15	11.38

Fuel Cost

	(\$/kWh)	(\$/litre)	(\$/litre)	(\$/litre)	(\$/litre)	\$/DLE
	Battery Electric	Diesel	Gasoline	CNG	Low Nox	Fuel Cell
Yukon	0.11	1.26	1.24	0.851618869	0.851618869	10
Northwest Territories	0.3	1.21	1.21	0.817824469	0.817824469	10

Nunavut	0.29	1.26	1.24	0.851618869	0.851618869	10
British Colombia	0.1	1.19	1.31	0.804306709	0.804306709	10
Alberta	0.13	1.05	1.02	0.709682391	0.709682391	10
Saskatchewan	0.14	1.06	1.04	0.71644127	0.71644127	10
Manitoba	0.07	1.08	1.03	0.72995903	0.72995903	10
Ontario	0.1	1.1	1.11	0.74347679	0.74347679	10
Quebec	0.06	1.12	1.14	0.75699455	0.75699455	10
Eastern Provinces	0.1	1.14	1.25	0.77051231	0.77051231	10

Emissions

CO2 (Eq)	
Battery Electric	0.000
Diesel	2.717
Gasoline	2.216
CNG	2.128
Low Nox	2.128
Fuel Cell	0