

Table 1: Esquimalt Corporate Energy Use by Type, 2012 - 2016

Energy Use	2012	2013	2014	2015	2016	2012 vs. 2016	
						Change	% Change
Stationary Emission Sources:							
Electricity (kWh)	4,928,728	5,466,388	5,219,799	5,241,839	5,286,143	357,415	7.25%
Natural Gas (GJ)	18,443	13,399	12,782	14,012	15,332	-3,111	-16.87%
Propane (Litres)	-	-	118	181	-	-	-
Mobile Emission Sources:							
Gasoline (Litres)	48,233	47,448	45,195	46,442	46,469	-1,764	-3.66%
Diesel (Litres)	52,316	63,024	58,020	59,922	60,161	7,845	15.00%
Propane (Litres)	8,205	8,051	5,600	7,490	6,399	-1,806	-22.01%

Table 2: Esquimalt Greenhouse Gas (GHG) Emissions by Energy Type, 2012 - 2016

GHG Emissions (tCO ₂ e)	2012	2013	2014	2015	2016	Change since 2012	% Change since 2012
Stationary Emission Sources:							
Electricity	123	77	52	52	56	-67	-54.47%
Natural Gas	925	670	636	697	765	-160	-17.30%
Propane	0	0	0.2	0.3	0	-	-
Mobile Emission Sources:							
Gasoline	112	110	118	120	118	7	5.83%
Diesel	140	169	153	156	164	25	17.56%
Propane	13	12	9	11	10	-3	-25.37%
TOTAL	1,312	1,038	968	1,037	1,113	-276	-15.19%

Note: GHG emissions factors were updated in 2013, 2014, and 2016; therefore, the only consistent performance measure is examining the quantity of fuel used (see Table 1).

Table 3: Esquimalt Electricity Consumption by Building, 2012 - 2016

BUILDINGS	Electricity (kWh)					Change since 2012	% Change
	2012	2013	2014	2015	2016		
Building: Archie Browning Sports Centre	1,432,800	1,608,480	1,309,680	1,363,680	1,412,640	-20,160	-1.41%
Building: Esquimalt Recreation Centre	1,721,700	1,930,500	1,988,100	1,996,200	2,004,300	282,600	16.41%
Building: Esquimalt Teen Centre	17,806	17,847	19,653	18,117	15,440	-2,366	-13.29%
Building: Municipal Hall ¹	319,680	313,080	326,040	300,840	315,840	-3,840	-1.20%
Building: Parks Nursery	15,636	14,485	14,839	14,977	16,064	428	2.74%
Building: Public Safety Building	329,760	344,040	319,680	306,720	311,400	-18,360	-5.57%
Building: Public Works Yard	159,840	158,160	155,680	153,120	140,880	-18,960	-11.86%
Total	3,999,234	4,388,605	4,135,686	4,155,669	4,218,580	299,904	68.19%

Table 4: Esquimalt Natural Gas Consumption by Building, 2012 - 2016

BUILDINGS	Natural Gas (GJ)					Change since 2012	% Change
	2012	2013	2014	2015	2016		
Building: Archie Browning Sports Centre	4,686	4,534	4,241	3,740	3,293	-1,393	-29.72%
Building: Esquimalt Recreation Centre	12,796	8,220	7,945	9,851	11,479	-1,317	-10.29%
Building: Esquimalt Teen Centre	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Building: Municipal Hall	467	209	155	135	208	-259	-55.47%
Building: Parks Nursery	103	132	144	111	125	22	21.36%
Building: Public Safety Building	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Building: Public Works Yard	365	292	288	166	215	-150	-41.05%
Total	18,417	13,387	12,773	14,003	15,320	-3,097	-1.15