

# Energy Consumption and GHG Emissions



From: 2014-01-01 To: 2014-12-31

Facility Name	Address	Total Area (m2)	Average Hours/Day	Fuel Types	Consumption	Cost (\$)	Energy (ekWh/yr)	GHG Emissions (kg CO2e/yr)	GHG Intensity (kg CO2e/m2)	Energy Intensity
<b>Facility Primary Type: Office</b>										
Beaverton Medical Centre	468 Main Street	1003	8.28	NG	9668.00 m3	5157.95	102749.35	18278.58	18.22	102.44 (ekWh/m2)
				Elect.	110240.00 kWh	15982.98	110240.00	8379.56	8.35	109.91 (ekWh/m2)
Township Administration Building	1 Cameron St. E.	1129	5.72	NG	16539.00 m3	4808.89	175772.80	31269.08	27.7	155.69 (ekWh/m2)
				Elect.	116520.00 kWh	16847.83	116520.00	8856.92	7.84	103.21 (ekWh/m2)
<b>Facility Type Total</b>						<b>42797.65</b>	<b>505282.15</b>	<b>66784.14</b>		

<b>Facility Primary Type: Library</b>										
Beaverton Library	401 Simcoe Street	352	4.43	NG	8020.00 m3	2978.43	85234.77	15162.83	43.08	242.14 (ekWh/m2)
				Elect.	40087.00 kWh	5353.57	40087.00	3047.09	8.66	113.88 (ekWh/m2)
Cannington Town Hall & Library	38 Laidlaw Street South	676	4.43	NG	9849.00 m3	5400.72	104672.98	18620.79	27.55	154.84 (ekWh/m2)
				Elect.	73545.00 kWh	10041.28	73545.00	5590.30	8.27	108.79 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	1	2.85							
<b>Facility Type Total</b>						<b>23774.00</b>	<b>303539.75</b>	<b>42421.01</b>		

<b>Facility Primary Type: Museum</b>										
Sund Historical Society/Museum	14 Church St.	82	3.57	NG	2165.00 m3	1399.26	23009.14	4093.21	49.92	280.60 (ekWh/m2)
				Elect.	4569.00 kWh	816.93	4569.00	347.30	4.24	55.72 (ekWh/m2)
<b>Facility Type Total</b>						<b>2216.19</b>	<b>27578.14</b>	<b>4440.51</b>		

<b>Facility Primary Type: Fire</b>										
Sunderland Fire Hall New	217 River St.	724	24	NG	16996.00 m3	4947.79	180629.70	32133.10	44.38	249.49 (ekWh/m2)
				Elect.	23325.00 kWh	6238.93	23325.00	1772.98	2.45	32.22 (ekWh/m2)
Beaverton Fire Hall	360 Bay Street	475	24	NG	11957.00 m3	6373.31	127076.33	22606.23	47.59	267.53 (ekWh/m2)
				Elect.	15189.00 kWh	2098.29	15189.00	1154.55	2.43	31.98 (ekWh/m2)
Cannington Fire Hall	30 Laidlaw Street South	415	24	Elect.	62723.00 kWh	8285.31	62723.00	4767.70	11.49	151.14 (ekWh/m2)
Sunderland Fire Hall Old	5 Church St.	420	3							
<b>Facility Type Total</b>						<b>27943.63</b>	<b>408943.03</b>	<b>62434.56</b>		

<b>Facility Primary Type: Community Centre</b>										
Beaverton Harbour (Pole)	Harbour Park Crescent	1	0	Elect.	3194.00 kWh	649.23	3194.00	242.78	242.78	3194.00 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	576	2.85							
Manilla Hall	C16990 Simcoe St.	395	0.86	oil 1&2	1070.00 L	1178.83	11532.22	2926.62	7.41	29.20 (ekWh/m2)
				Elect.	7461.00 kWh	1514.37	7461.00	567.13	1.44	18.89 (ekWh/m2)
Wilfrid Hall	C20915 Brock Road	366	1.43	NG	4858.00 m3	2950.67	51629.74	9184.67	25.09	141.06 (ekWh/m2)
				Elect.	5466.00 kWh	1285.09	5466.00	415.48	1.14	14.93 (ekWh/m2)
<b>Facility Type Total</b>						<b>7578.19</b>	<b>79282.96</b>	<b>13336.67</b>		

<b>Facility Primary Type: Recreation Complex</b>										
Beaverton Baseball Lighting	Simcoe St. West	1	0	Elect.	627.00 kWh	338.06	627.00	47.66	47.66	627.00 (ekWh/m2)
Beaverton Harbour (Washrooms)	Harbour Park Crescent	1	0	Elect.	3062.00 kWh	638.87	3062.00	232.75	232.75	3062.00 (ekWh/m2)
Beaverton Harbour (Parking Lot)	Harbour Park Crescent	1	0	Elect.	361.00 kWh	313.91	361.00	27.44	27.44	361.00 (ekWh/m2)
<b>Facility Type Total</b>						<b>1290.84</b>	<b>4050.00</b>	<b>307.85</b>		

<b>Facility Primary Type: Public Works</b>										
Beaverton Works Shop	569 Franklin Street	244	1.43	NG	5924.00 m3	3448.84	62958.95	11200.07	45.9	258.03 (ekWh/m2)
				Elect.	10051.00 kWh	2094.12	10051.00	764.00	3.13	41.19 (ekWh/m2)
Cannington Garage	211 Laidlaw Street South	315	1.43	NG	5730.00 m3	2198.59	60897.16	10833.29	34.39	193.32 (ekWh/m2)
				Elect.	7949.00 kWh	1199.60	7949.00	604.22	1.92	25.23 (ekWh/m2)
Colyer Storm System	Main Street	1	0	Elect.	545.00 kWh	332.06	545.00	41.43	41.43	545.00 (ekWh/m2)
Beaverton Patrol Yard	B27305 Sideroad 17	292	7.14	oil 1&2	5102.00 L	5611.92	54988.22	13954.77	47.79	188.32 (ekWh/m2)
				Elect.	94325.00 kWh	14806.19	94325.00	7169.83	24.55	323.03 (ekWh/m2)
Beaverton Harbour	Harbour Park Crescent	1	0	Elect.	2222.00 kWh	511.00	2222.00	168.90	168.9	2222.00 (ekWh/m2)
Sunderland Garage	S1015 Regional Road 10	382	1.43	NG	27238.00 m3	7134.92	289479.39	51496.90	134.81	757.80 (ekWh/m2)
				Elect.	18901.00 kWh	3266.13	18901.00	1436.70	3.76	49.48 (ekWh/m2)
<b>Facility Type Total</b>						<b>40603.37</b>	<b>602316.72</b>	<b>97670.11</b>		

<b>Facility Primary Type: Other</b>										
Beaverton Animal Shelter	476 Main Street East	36	2							
Cannington Animal Shelter	99 Elliot Street	187	2	NG	6545.00 m3	2599.69	69558.80	12374.15	66.17	371.97 (ekWh/m2)
				Elect.	30959.00 kWh	4070.84	30959.00	2353.26	12.58	165.56 (ekWh/m2)
Main St Ticket Booth	Main St.	1	0	Elect.	166.00 kWh	287.51	166.00	12.62	12.62	166.00 (ekWh/m2)
Sunderland Arena Farmers Market	2 Park St.	1	0	Elect.	928.00 kWh	402.13	928.00	70.54	70.54	928.00 (ekWh/m2)
Sunderland Park - Baseball Lights	Park Street	1	0	Elect.	5289.00 kWh	1628.12	5289.00	402.03	402.03	5289.00 (ekWh/m2)
Sunderland Park - Grandstands	Park Street	1	0	Elect.	48.00 kWh	274.28	48.00	3.65	3.65	48.00 (ekWh/m2)
Beaverton Fairgrounds	Simcoe Street West	1	0.14	Elect.	901.00 kWh	372.74	901.00	68.49	68.49	901.00 (ekWh/m2)
McLeod Park Water Fountain	McNabb St	1	0	Elect.	4616.00 kWh	766.19	4616.00	350.87	350.87	4616.00 (ekWh/m2)
Beaverton Ball Lighting (2nd Diamond)	Simcoe St. West	1	0	Elect.	394.00 kWh	309.58	394.00	29.95	29.95	394.00 (ekWh/m2)
<b>Facility Type Total</b>						<b>10711.08</b>	<b>112859.80</b>	<b>15665.55</b>		

<b>Facility Primary Type: Town Hall</b>										
Beaverton Town Hall	397 Simcoe Street	1430	7.14	NG	25830.00 m3	12823.47	274515.48	48834.90	34.15	191.97 (ekWh/m2)
				Elect.	33128.00 kWh	5098.38	33128.00	2518.13	1.76	23.17 (ekWh/m2)
Sunderland Town Hall	120 River Street	697	1.43	NG	10939.00 m3	3572.28	116257.25	20681.57	29.67	166.80 (ekWh/m2)
				Elect.	20490.00 kWh	3100.15	20490.00	1557.49	2.23	29.40 (ekWh/m2)
<b>Facility Type Total</b>						<b>24594.28</b>	<b>444390.73</b>	<b>73592.08</b>		

<b>Facility Primary Type: Single-Pad Arena</b>										
Beaverton -Thorah Community Centre	176 Main Street West	2350	10	NG	29283.00 m3	13868.30	311213.19	55363.23	23.56	132.43 (ekWh/m2)
				Elect.	316523.00 kWh	45481.68	316523.00	24059.55	10.24	134.69 (ekWh/m2)
Cannington Community Centre	91 Elliott Street	2196	10	NG	19511.00 m3	5709.30	207358.56	36888.02	16.8	94.43 (ekWh/m2)
				Elect.	215400.00 kWh	34388.78	215400.00	16372.98	7.46	98.09 (ekWh/m2)
Sunderland Memorial Arena	20 Park St.	2396	10	NG	21227.00 m3	5871.21	225595.82	40132.34	16.75	94.16 (ekWh/m2)
				Elect.	303105.00 kWh	45549.53	303105.00	23039.62	9.62	126.50 (ekWh/m2)
<b>Facility Type Total</b>						<b>150868.80</b>	<b>1579195.57</b>	<b>195855.74</b>		

<b>Facility Primary Type: Storage Facility</b>										
Sunderland Park - Booth	Park Street	1	0	Elect.	600.00 kWh	164.28	600.00	45.61	45.61	600.00 (ekWh/m2)
Sunderland Park - Shed @ Ball Field	Park Street	1	0	Elect.	1022.00 kWh	373.98	1022.00	77.68	77.68	1022.00 (ekWh/m2)
<b>Facility Type Total</b>						<b>538.26</b>	<b>1622.00</b>	<b>123.29</b>		

<b>Facility Primary Type: Streetlights (optional)</b>										
Cannington Park - Baseball Lights	McNabb St	1	0	Elect.	2163.00 kWh	500.11	2163.00	164.41	164.41	2163.00 (ekWh/m2)
Franklin Street Kiosk	Franklin Street	1	0	Elect.	3829.00 kWh	660.62	3829.00	291.05	291.05	3829.00 (ekWh/m2)
Ethel Park Kiosk	186 Morrison Ave.	1	0	Elect.	7043.00 kWh	1520.23	7043.00	535.35	535.35	7043.00 (ekWh/m2)
McLeod Park Campground	McNabb St	1	0	Elect.	0.00 kWh	267.90	0.00	0.00	0	0.00 (ekWh/m2)
Manilla Park (lights)	C16990 Simcoe St.	1	0	Elect.	300.00 kWh	525.84	300.00	22.80	22.8	300.00 (ekWh/m2)
Beaverton Patrol Yard (lights)	B27305 Sideroad 17	1	0	Elect.	4665.00 kWh	1117.61	4665.00	354.60	354.6	4665.00 (ekWh/m2)
Mill Gate Park	Mara Rd. & Simcoe St.	1	0	Elect.	29.00 kWh	251.59	29.00	2.20	2.2	29.00 (ekWh/m2)
Streetlights - Brock	Urban Areas	1	0	Elect.	526750.00 kWh	67183.13	526750.00	40039.32	40039.32	526750.00 (ekWh/m2)
Streetlights - Thorah Dock Lights	Harbour Park Crescent	1	0	Elect.	864.00 kWh	479.01	864.00	65.67	65.67	864.00 (ekWh/m2)
Streetlights - Howard Subdivision	Howard Ave. & Nancy Ave.	1	0	Elect.	8162.00 kWh	1408.60	8162.00	620.41	620.41	8162.00 (ekWh/m2)
Streetlights - Regional Road 13	Regional Road 13	1	0	Elect.	2464.00 kWh	447.74	2464.00	187.29	187.29	2464.00 (ekWh/m2)
Streetlights - Gamebridge	Regional Road 50	1	0	Elect.	10868.00 kWh	1879.62	10868.00	826.10	826.1	10868.00 (ekWh/m2)
Streetlights - Ball Subdivision	Ball Avenue	1	0	Elect.	912.00 kWh	175.82	912.00	69.32	69.32	912.00 (ekWh/m2)
Streetlights - Manilla	Simcoe Street	1	0	Elect.	19344.00 kWh	3424.88	19344.00	1470.38	1470.38	19344.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 19)	Concession 2 - Thorah	1	0	Elect.	1128.00 kWh	206.85	1128.00	85.74	85.74	1128.00 (ekWh/m2)
Streetlights - Saginaw	Regional Road 12	1	0	Elect.	5124.00 kWh	886.26	5124.00	389.49	389.49	5124.00 (ekWh/m2)
Streetlights - Port Bolster	Regional Road 23 - Port Bolster	1	0	Elect.	2928.00 kWh	515.66	2928.00	222.56	222.56	2928.00 (ekWh/m2)
Streetlights - Wilfrid	Regional Road 12 (Wilfrid)	1	0	Elect.	10101.00 kWh	1748.38	10101.00	767.80	767.8	10101.00 (ekWh/m2)
Streetlights - Brock Sunderland	Regional Road 10 & Highway 7/12	1	0	Elect.	3960.00 kWh	685.54	3960.00	301.01	301.01	3960.00 (ekWh/m2)

Streetlights - Reg Rd 12 West of Cannington	Regional Road 12 (West of Cannington)	1	0	Elect.	732.00 kWh	142.85	732.00	55.64	55.64	732.00 (ekWh/m2)
Streetlights - Vallentyne	Lakeridge Road & Brock Concession 7	1	0	Elect.	7416.00 kWh	1270.79	7416.00	563.70	563.7	7416.00 (ekWh/m2)
Streetlights - Regional Road 2 & 12	Regional Road 2 & 12	1	0	Elect.	1992.00 kWh	353.36	1992.00	151.42	151.42	1992.00 (ekWh/m2)
Streetlights - Meadowgreen Subdivision	Meadowlands Drive	1	0	Elect.	8652.00 kWh	1479.89	8652.00	657.66	657.66	8652.00 (ekWh/m2)
Streetlights - Blackwater	Highway 7 & 12 (Blackwater)	1	0	Elect.	6180.00 kWh	1058.67	6180.00	469.75	469.75	6180.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 21)	Concession 11 LT 21	1	0	Elect.	40478.00 kWh	7318.54	40478.00	3076.81	3076.81	40478.00 (ekWh/m2)
Streetlights - Sideroad 17 & Regional Road 23	Sideroad 17 & Regional Road 23	1	0	Elect.	1992.00 kWh	350.16	1992.00	151.42	151.42	1992.00 (ekWh/m2)
Streetlights - Riverside Beach	Riverside	1	0	Elect.	1824.00 kWh	327.03	1824.00	138.65	138.65	1824.00 (ekWh/m2)
Streetlights - Ethel Park	186 Morrison Ave.	1	0	Elect.	51701.00 kWh	9356.14	51701.00	3929.90	3929.9	51701.00 (ekWh/m2)
Streetlights - Beaverton Estates (Conc 5, Lot 16)	Concession 5	1	0	Elect.	1128.00 kWh	215.59	1128.00	85.74	85.74	1128.00 (ekWh/m2)
Streetlights - 3 Con. Lot 30, wb-rr 13@23	3 Concession (Reg. Road 13 @ 23)	1	0	Elect.	0.00 kWh	18.33	0.00	0.00	0	0.00 (ekWh/m2)
Streetlights - 4 Concession Lot 7200	Concession 4 @ Highway 12/7	1	0	Elect.	4032.00 kWh	689.74	4032.00	306.48	306.48	4032.00 (ekWh/m2)
Streetlights - 59 Ball subdivision	59 Ball Subdivision	1	0	Elect.	0.00 kWh	18.33	0.00	0.00	0	0.00 (ekWh/m2)
Streetlights - 59 Ball subdivision	59 Ball Subdivision	1	0	Elect.	0.00 kWh	0.00	0.00	0.00	0	0.00 (ekWh/m2)
<b>Facility Type Total</b>						<b>106484.81</b>	<b>736761.00</b>	<b>56002.68</b>		
<b>Grand Total</b>						<b>439401.10</b>	<b>4805821.85</b>	<b>628634.17</b>		