

Energy Consumption and GHG Emissions

From: 2012-01-01 To: 2012-12-31

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
Facility Primary Type: Office										
Beaverton Medical Centre	468 Main Street	1003	8.28	NG	6355.00 m3	3697.51	67539.52	12014.93	11.98	67.34 (ekWh/m2)
				Elect.	111855.00 kWh	14270.07	111855	10742.55	10.71	111.52 (ekWh/m2)
Township Administration Building	1 Cameron St. E.	1129	5.72	NG	10754.00 m3	3533.92	114291.11	20331.8	18.01	101.23 (ekWh/m2)
				Elect.	134075.00 kWh	24233.44	134075	12876.56	11.41	118.76 (ekWh/m2)
Facility Type Total:						45734.94	427760.64	55965.85		
Facility Primary Type: Library										
Beaverton Public Library	401 Simcoe Street	352	4.43	NG	5085.00 m3	2471.14	54042.25	9613.84	27.31	153.53 (ekWh/m2)
				Elect.	48195.00 kWh	7409.98	48195	4628.65	13.15	136.92 (ekWh/m2)
Cannington Town Hall & Library	38 Laidlaw Street South	676	4.43	NG	7254.00 m3	4398.34	77093.89	13714.61	20.29	114.04 (ekWh/m2)
				Elect.	7410.00 kWh	1296.26	7410	711.66	1.05	10.96 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	1	2.85	oil 1&2	11.72 L	10.97	126.34	32.06	32.06	126.34 (ekWh/m2)
				Elect.	12.98 kWh	2.21	12.98	1.25	1.25	12.98 (ekWh/m2)
Facility Type Total:						15588.9	186880.46	28702.06		
Facility Primary Type: Museum										
Sunderland Hist Soc/Museum	14 Church St.	82	3.57	NG	546.00 m3	752.18	5802.77	1032.28	12.59	70.77 (ekWh/m2)
				Propane	770.00 L	546.58	5413.53	1186.56	14.47	66.02 (ekWh/m2)
				Elect.	7575.00 kWh	1101.5	7575	727.5	8.87	92.38 (ekWh/m2)
Facility Type Total:						2400.26	18791.29	2946.34		
Facility Primary Type: Fire										
Sunderland Fire Hall - New	217 River St.	724	24	NG	17671.00 m3	6358.41	187803.45	33409.27	46.15	259.40 (ekWh/m2)
				Elect.	25392.00 kWh	4827.66	25392	2438.65	3.37	35.07 (ekWh/m2)
Beaverton Fire Hall	360 Bay Street	475	24	NG	10776.00 m3	6263.86	114524.92	20373.4	42.89	241.11 (ekWh/m2)
				Elect.	21610.00 kWh	2735.36	21610	2075.42	4.37	45.49 (ekWh/m2)
Cannington Fire Hall	30 Laidlaw Street South	415	24	Elect.	44015.00 kWh	8030.69	44015	4227.2	10.19	106.06 (ekWh/m2)
Sunderland Fire Hall - Old	5 Church St.	420	3							
Facility Type Total:						28215.98	393345.37	62523.94		
Facility Primary Type: Community Centre										
Beaverton Harbour (Pole)	Harbour Park Crescent	1	0	Elect.	2184.00 kWh	437.18	2184	209.75	209.75	2184.00 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	576	2.85	oil 1&2	6752.28 L	6321.03	72774.54	18468.53	32.06	126.34 (ekWh/m2)
				Elect.	7476.02 kWh	1272.71	7476.02	718	1.25	12.98 (ekWh/m2)
Manilla Hall	C16990 Simcoe St.	395	0.86	oil 1&2	2818.00 L	2653.83	30371.78	7707.67	19.51	76.89 (ekWh/m2)
				Elect.	7424.00 kWh	1472.46	7424	713	1.81	18.79 (ekWh/m2)
Wilfrid Hall	C20915 Brock Road	366	1.43	NG	3219.00 m3	2599.21	34210.81	6085.93	16.63	93.47 (ekWh/m2)
				Elect.	7662.00 kWh	1558.77	7662	735.86	2.01	20.93 (ekWh/m2)
Facility Type Total:						16315.19	162103.15	34638.74		

Facility Primary Type: Recreation Complex										
Beaverton Ball Lighting (Diamond)	Simcoe St. West	1	0	Elect.	1187.00 kWh	318.24	1187	114	114	1187.00 (ekWh/m2)
Beaverton Harbour (Washrooms)	Harbour Park Crescent	1	0	Elect.	1440.00 kWh	601.7	1440	138.3	138.3	1440.00 (ekWh/m2)
Beaverton Harbour (Parking Lot)	Harbour Park Crescent	1	0	Elect.	294.00 kWh	229.13	294	28.24	28.24	294.00 (ekWh/m2)
Facility Type Total:						1149.07	2921	280.53		
Facility Primary Type: Public Works										
Beaverton Works Shop	569 Franklin Street	244	1.43	NG	4908.00 m3	3414.15	52161.13	9279.2	38.03	213.78 (ekWh/m2)
				Elect.	8614.00 kWh	1168.29	8614	827.29	3.39	35.30 (ekWh/m2)
Cannington Garage	211 Laidlaw Street South	315	1.43	NG	3153.00 m3	1817.21	33509.38	5961.15	18.92	106.38 (ekWh/m2)
				Elect.	8359.00 kWh	849.45	8359	802.8	2.55	26.54 (ekWh/m2)
Colyer Storm System	Main Street	1	0	Elect.	306.00 kWh	226.57	306	29.39	29.39	306.00 (ekWh/m2)
Beaverton Patrol Yard	B27305 Sideroad 17	292	7.14	oil 1&2	8886.00 L	6359.98	95771.33	24304.6	83.23	327.98 (ekWh/m2)
				Elect.	131668.00 kWh	12242.91	131668	12645.39	43.31	450.92 (ekWh/m2)
Beaverton Harbour	Harbour Park Crescent	1	0	Elect.	3446.00 kWh	710.03	3446	330.95	330.95	3446.00 (ekWh/m2)
Sunderland Garage	S1015 Regional Road 10	382	1.43	NG	2271.00 m3	735.17	24135.68	4293.61	11.24	63.18 (ekWh/m2)
				Elect.	17012.00 kWh	2915.57	17012	1633.83	4.28	44.53 (ekWh/m2)
Facility Type Total:						30439.33	374982.52	60108.21		
Facility Primary Type: Other										
Beaverton Animal Shelter	476 Main Street East	36	2							
Animal Shelter	99 Elliot Street	187	2	Propane	5879.00 L	2844	41332.63	9059.44	48.45	221.03 (ekWh/m2)
				Elect.	86186.00 kWh	3739.85	86186	8277.3	44.26	460.89 (ekWh/m2)
Main St Ticket Booth	Main St.	1	0	Elect.	443.00 kWh	416.14	443	42.55	42.55	443.00 (ekWh/m2)
Sunderland Arena Farmers Market	2 Park St.	1	0	Elect.	149.00 kWh	242.89	149	14.31	14.31	149.00 (ekWh/m2)
Sunderland Park - Baseball Lights	Park Street	1	0	Elect.	3358.00 kWh	585.65	3358	322.5	322.5	3358.00 (ekWh/m2)
Sunderland Park - Grandstands	Park Street	1	0	Elect.	24.00 kWh	227.85	24	2.3	2.3	24.00 (ekWh/m2)
Beaverton Fairgrounds	Simcoe Street West	1	0.14	Elect.	1221.00 kWh	334.07	1221	117.26	117.26	1221.00 (ekWh/m2)
McLeod Park Water Fountain	McNabb St	1	0	Elect.	4511.00 kWh	762.61	4511	433.24	433.24	4511.00 (ekWh/m2)
Beaverton Ball Lighting (2nd Diamond)	Simcoe St. West	1	0	Elect.	1454.00 kWh	350.41	1454	139.64	139.64	1454.00 (ekWh/m2)
Facility Type Total:						9503.47	138678.63	18408.55		
Facility Primary Type: Town Hall										
Beaverton Town Hall	397 Simcoe Street	1430	7.14	NG	18338.00 m3	9975.44	194892.17	34670.32	24.24	136.29 (ekWh/m2)
				Elect.	43281.00 kWh	7092.46	43281	4156.71	2.91	30.27 (ekWh/m2)
Sunderland Town Hall	120 River Street	697	1.43	NG	10106.00 m3	3533.76	107404.31	19106.68	27.41	154.10 (ekWh/m2)
				Elect.	19957.00 kWh	2482.51	19957	1916.67	2.75	28.63 (ekWh/m2)
Facility Type Total:						23084.17	365534.49	59850.37		
Facility Primary Type: Single-Pad Arena										
Beaverton Community Centre	176 Main Street West	2350	10	NG	34745.00 m3	17813.75	369262.11	65689.84	27.95	157.13 (ekWh/m2)
				Elect.	364008.00 kWh	46228.47	364008	34959.33	14.88	154.90 (ekWh/m2)
Cannington Community Centre	91 Elliott Street	2196	10	NG	10803.00 m3	3676.14	114811.87	20424.44	9.3	52.28 (ekWh/m2)
				Elect.	257709.00 kWh	37390.82	257709	24750.37	11.27	117.35 (ekWh/m2)

Sunderland Memorial Arena	20 Park St.	2396	10	NG	17034.00 m3	5194.81	181033.55	32204.94	13.44	75.56 (ekWh/m2)
				Elect.	333028.00 kWh	45246.47	333028	31984.01	13.35	138.99 (ekWh/m2)
Facility Type Total:						155550.5	1619852.54	210012.93		
Facility Primary Type: Storage Facility										
Sunderland Park - Booth	Park Street	1	0	Elect.	627.00 kWh	167.55	627	60.22	60.22	627.00 (ekWh/m2)
Sunderland Park - Shed @ Ball Field	Park Street	1	0	Elect.	1334.00 kWh	382.88	1334	128.12	128.12	1334.00 (ekWh/m2)
Facility Type Total:						550.43	1961	188.33		
Facility Primary Type: Streetlights (optional)										
Cannington Baseball Lights	McNabb St	1	0							
Franklin Street Kiosk	Franklin Street	1	0	Elect.	6154.00 kWh	892.11	6154	591.03	591.03	6154.00 (ekWh/m2)
Ethel Park Kiosk	186 Morrison Ave.	1	0	Elect.	6097.00 kWh	1203.28	6097	585.56	585.56	6097.00 (ekWh/m2)
McLeod Park Campground	McNabb St	1	0	Elect.	0.00 kWh	197.98	0	0	0	0.00 (ekWh/m2)
Manilla Park (lights)	C16990 Simcoe St.	1	0	Elect.	4343.00 kWh	484.16	4343	417.1	417.1	4343.00 (ekWh/m2)
Beaverton Patrol Yard (lights)	B27305 Sideroad 17	1	0	Elect.	3984.00 kWh	1010.12	3984	382.62	382.62	3984.00 (ekWh/m2)
Mill Gate Park	Mara Rd. & Simcoe St.	1	0	Elect.	0.00 kWh	316.72	0	0	0	0.00 (ekWh/m2)
Streetlights - Brock	Urban Areas	1	0	Elect.	660204.00 kWh	89751.24	660204	63405.99	63405.99	660204.00 (ekWh/m2)
Thorah Dock Lights	Harbour Park Crescent	1	0	Elect.	948.00 kWh	491.22	948	91.05	91.05	948.00 (ekWh/m2)
Streetlights - Howard Subdivision	Howard Ave. & Nancy Ave.	1	0	Elect.	8910.00 kWh	1441.21	8910	855.72	855.72	8910.00 (ekWh/m2)
Streetlights - Regional Road 13	Regional Road 13	1	0	Elect.	2940.00 kWh	436.39	2940	282.36	282.36	2940.00 (ekWh/m2)
Streetlights - Gamebridge	Regional Road 50	1	0	Elect.	10956.00 kWh	1632.68	10956	1052.21	1052.21	10956.00 (ekWh/m2)
Streetlights - Ball Subdivision	Ball Avenue	1	0	Elect.	996.00 kWh	158.26	996	95.66	95.66	996.00 (ekWh/m2)
Streetlights - Manilla	Simcoe Street	1	0	Elect.	19500.00 kWh	2968.98	19500	1872.78	1872.78	19500.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 19)	Concession 2 - Thorah	1	0	Elect.	1236.00 kWh	192.47	1236	118.71	118.71	1236.00 (ekWh/m2)
Streetlights - Saginaw	Regional Road 12	1	0	Elect.	5172.00 kWh	831.75	5172	496.72	496.72	5172.00 (ekWh/m2)
Streetlights - Port Bolster	Regional Road 23 - Port Bolster	1	0	Elect.	3192.00 kWh	481.74	3192	306.56	306.56	3192.00 (ekWh/m2)
Streetlights - Wilfrid	Regional Road 12 (Wilfrid)	1	0	Elect.	10206.00 kWh	1513.82	10206	980.18	980.18	10206.00 (ekWh/m2)
Streetlights - Sunderland	Regional Road 10 & Highway 7/12	1	0	Elect.	4320.00 kWh	638.28	4320	414.89	414.89	4320.00 (ekWh/m2)
Streetlights - Reg Rd 12 West of Cannington	Regional Road 12 (West of Cannington)	1	0	Elect.	804.00 kWh	132.91	804	77.22	77.22	804.00 (ekWh/m2)
Streetlights - Vallentyne	Lakeridge Road & Brock Concession 7	1	0	Elect.	8100.00 kWh	1187.65	8100	777.92	777.92	8100.00 (ekWh/m2)
Streetlights - Regional Road 2 & 12	Regional Road 2 & 12	1	0	Elect.	2172.00 kWh	328.88	2172	208.6	208.6	2172.00 (ekWh/m2)
Streetlights - Meadowgreen Subdivision	Meadowlands Drive	1	0	Elect.	9444.00 kWh	1388.19	9444	907	907	9444.00 (ekWh/m2)
Streetlights - Blackwater	Highway 7 & 12 (Blackwater)	1	0	Elect.	6744.00 kWh	980.26	6744	647.69	647.69	6744.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 21)	Concession 11 LT 21	1	0	Elect.	40836.00 kWh	6367.02	40836	3921.89	3921.89	40836.00 (ekWh/m2)

Streetlights - Sideroad 17 & Regional Road 23	Sideroad 17 & Regional Road 23	1	0	Elect.	1991.00 kWh	326.59	1991	191.22	191.22	1991.00 (ekWh/m2)
Streetlights - Riverside Beach	Riverside	1	0	Elect.	1660.00 kWh	305.06	1660	159.43	159.43	1660.00 (ekWh/m2)
Streetlights - Ethel Park	186 Morrison Ave.	1	0	Elect.	47773.00 kWh	8201.05	47773	4588.12	4588.12	47773.00 (ekWh/m2)
Streetlights - Beaverton Estates (Conc 5, Lot 16)	Concession 5	1	0	Elect.	1236.00 kWh	192.3	1236	118.71	118.71	1236.00 (ekWh/m2)
Streetlights - 3 Con. Lot 30, wb-rr 13@23	3 Concession (Reg. Road 13 @ 23)	1	0	Elect.	533.00 kWh	68.17	533	51.19	51.19	533.00 (ekWh/m2)
Streetlights - 4 Concession Lot 7200	Concession 4 @ Highway 12/7	1	0							
Streetlights - Ball subdivision	59 Ball Subdivision	1	0							
Streetlights - Ball subdivision	59 Ball Subdivision	1	0							
Facility Type Total:						124120.5	870451	83598.11		
Grand Total						452652.7	4563262.1	617223.98		