

Energy Consumption and GHG Emmissions

From: 2011-01-01 To: 2011-12-31

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	9954.00 m3	5095.04	105788.89	18819.30	18.76	105.47 (ekWh/m2)
				Elect.	75433.00 kWh	11870.85	75433.00	7395.45	7.37	75.21 (ekWh/m2)
Township Administration Building	1 Cameron St. E.	1129	5.72	NG	10691.00 m3	3213.60	113621.56	20212.69	17.90	100.64 (ekWh/m2)
				Elect.	128436.00 kWh	13643.10	128436.00	12591.87	11.15	113.76 (ekWh/m2)
Facility Type Total:						33822.59	423279.46	59019.31		
Facility Primary Type: Library										
Beaverton Public Library	401 Simcoe Street	352	4.43	NG	6198.00 m3	2186.18	65870.96	11718.11	33.29	187.13 (ekWh/m2)
				Elect.	35061.00 kWh	3915.41	35061.00	3437.38	9.77	99.61 (ekWh/m2)
Cannington Town Hall & Library	38 Laidlaw Street South	676	4.43	oil 1&2	13555.00 L	5688.19	146092.77	37075.04	54.84	216.11 (ekWh/m2)
				Elect.	78582.00 kWh	11620.71	78582.00	7704.18	11.40	116.25 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	1	3.57	oil 1&2	14.39 L	12.88	155.09	39.36	39.36	155.09 (ekWh/m2)
				Elect.	16.82 kWh	2.45	16.82	1.65	1.65	16.82 (ekWh/m2)
Facility Type Total:						23425.82	325778.64	59975.71		
Facility Primary Type: Museum										
Sunderland Hist Soc/Museum	14 Church St.	82	3.57	oil 1&2	1339.00 L	1236.47	14431.44	3662.37	44.66	175.99 (ekWh/m2)
				Propane	77.00 L	83.99	541.35	118.66	1.45	6.60 (ekWh/m2)
				Elect.	3382.00 kWh	751.85	3382.00	331.57	4.04	41.24 (ekWh/m2)
Facility Type Total:						2072.31	18354.80	4112.60		
Facility Primary Type: Fire										
Sunderland Fire Hall - New	217 River St.	724	24.00	NG	9738.00 m3	2607.68	103493.29	18410.93	25.43	142.95 (ekWh/m2)

				Elect.	18931.00 kWh	2445.54	18931.00	1856.00	2.56	26.15 (ekWh/m2)
Beaverton Fire Hall	360 Bay Street	475	24.00	NG	12783.00 m3	6131.05	135854.87	24167.88	50.88	286.01 (ekWh/m2)
				Elect.	17636.00 kWh	1541.81	17636.00	1729.03	3.64	37.13 (ekWh/m2)
Cannington Fire Hall	30 Laidlaw Street South	415	24.00	Elect.	78268.00 kWh	8404.08	78268.00	7673.39	18.49	188.60 (ekWh/m2)
Sunderland Fire Hall - Old	5 Church St.	420	3.00							
Facility Type Total:						21130.16	354183.17	53837.23		
Facility Primary Type: Community Centre										
Beaverton Harbour (Pole)	Harbour Park Crescent	1	0.00	Elect.	2687.00 kWh	406.58	2687.00	263.43	263.43	2687.00 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	576	3.57	oil 1&2	8288.61 L	7419.27	89332.79	22670.64	39.36	155.09 (ekWh/m2)
				Elect.	9688.18 kWh	1408.66	9688.18	949.83	1.65	16.82 (ekWh/m2)
Manilla Hall	C16990 Simcoe St.	395	0.86	oil 1&2	3263.00 L	3587.14	35167.89	8924.81	22.59	89.03 (ekWh/m2)
				Elect.	6841.00 kWh	1108.80	6841.00	670.69	1.70	17.32 (ekWh/m2)
Wilfrid Hall	C20915 Brock Road	366	1.43	NG	2619.00 m3	1896.91	27834.15	4951.55	13.53	76.05 (ekWh/m2)
				Elect.	5858.00 kWh	1049.12	5858.00	574.32	1.57	16.01 (ekWh/m2)
Facility Type Total:						16876.48	177409.01	39005.28		
Facility Primary Type: Recreation Complex										
Beaverton Ball Lighting (Diamond)	Simcoe St. West	1	0.00	Elect.	1590.00 kWh	308.23	1590.00	155.88	155.88	1590.00 (ekWh/m2)
Beaverton Harbour (Washrooms)	Harbour Park Crescent	1	0.00	Elect.	1348.00 kWh	252.94	1348.00	132.16	132.16	1348.00 (ekWh/m2)
Beaverton Harbour (Parking Lot)	Harbour Park Crescent	1	0.00	Elect.	294.00 kWh	213.63	294.00	28.82	28.82	294.00 (ekWh/m2)
Facility Type Total:						774.80	3232.00	316.87		
Facility Primary Type: Public Works										
Beaverton Works Shop	569 Franklin Street	244	1.43	NG	5420.00 m3	3085.39	57602.55	10247.20	42.00	236.08 (ekWh/m2)
				Elect.	6832.00 kWh	959.33	6832.00	669.81	2.75	28.00 (ekWh/m2)
Cannington Garage	211 Laidlaw Street South	315	1.43	NG	3571.00 m3	1581.18	37951.79	6751.43	21.43	120.48 (ekWh/m2)
				Elect.	6414.00 kWh	1043.67	6414.00	628.83	2.00	20.36 (ekWh/m2)
Colyer Storm System	Main Street	1	0.00	Elect.	442.00 kWh	211.48	442.00	43.33	43.33	442.00 (ekWh/m2)
Beaverton Patrol Yard	B27305 Sideroad 17	292	7.14	oil 1&2	11178.00 L	10224.18	120473.99	30573.57	104.70	412.58 (ekWh/m2)
				Elect.	35110.00 kWh	10396.62	35110.00	3442.18	11.79	120.24 (ekWh/m2)

Beaverton Harbour	Harbour Park Crescent	1	0.00	Elect.	2609.00 kWh	365.55	2609.00	255.79	255.79	2609.00 (ekWh/m2)
Sunderland Garage	S1015 Regional Road 10	382	0.00	NG	9077.00 m3	2337.85	96468.33	17161.22	44.92	252.53 (ekWh/m2)
				Elect.	16533.00 kWh	2211.27	16533.00	1620.90	4.24	43.28 (ekWh/m2)
Facility Type Total:						32416.52	380436.67	71394.26		
Facility Primary Type: Other										
Beaverton Animal Shelter	476 Main Street East	36	2.00	Elect.	11785.00 kWh	1512.38	11785.00	1155.40	32.09	327.36 (ekWh/m2)
Animal Shelter	99 Elliot Street	187	2.00	Propane	3660.00 L	2440.22	25731.83	5640.00	30.16	137.60 (ekWh/m2)
Main St Ticket Booth	Main St.	1	0.00	Elect.	119.00 kWh	175.45	119.00	11.67	11.67	119.00 (ekWh/m2)
Sunderland Arena Farmers Market	2 Park St.	1	0.00	Elect.	146.00 kWh	206.73	146.00	14.31	14.31	146.00 (ekWh/m2)
Sunderland Park - Baseball Lights	Park Street	1	0.00	Elect.	5252.00 kWh	763.60	5252.00	514.91	514.91	5252.00 (ekWh/m2)
Sunderland Park - Grandstands	Park Street	1	0.00	Elect.	30.00 kWh	196.57	30.00	2.94	2.94	30.00 (ekWh/m2)
Beaverton Fairgrounds	Simcoe Street West	1	0.14	Elect.	1085.00 kWh	259.61	1085.00	106.37	106.37	1085.00 (ekWh/m2)
McLeod Park Water Fountain	McNabb St	1	0.00	Elect.	3136.00 kWh	580.31	3136.00	307.45	307.45	3136.00 (ekWh/m2)
Beaverton Ball Lighting (2nd Diamond)	Simcoe St. West	1	0.00	Elect.	1260.00 kWh	268.62	1260.00	123.53	123.53	1260.00 (ekWh/m2)
Facility Type Total:						6403.49	48544.83	7876.59		
Facility Primary Type: Town Hall										
Beaverton Town Hall	397 Simcoe Street	1430	7.14	NG	38066.00 m3	9721.95	404556.96	71968.61	50.33	282.91 (ekWh/m2)
				Elect.	39965.00 kWh	5313.48	39965.00	3918.17	2.74	27.95 (ekWh/m2)
Sunderland Town Hall	120 River Street	697	1.43	NG	10088.00 m3	2879.25	107213.01	19072.65	27.36	153.82 (ekWh/m2)
				Elect.	16396.00 kWh	2433.30	16396.00	1607.46	2.31	23.52 (ekWh/m2)
Facility Type Total:						20347.98	568130.97	96566.88		
Facility Primary Type: Single-Pad Arena										
Beaverton Community Centre	176 Main Street West	2350	10.00	NG	33006.00 m3	3213.60	350780.41	62402.03	26.55	149.27 (ekWh/m2)
				Propane	2946.00 L	2732.62	20712.02	4539.74	1.93	8.81 (ekWh/m2)
				Elect.	196109.00 kWh	28247.02	196109.00	19226.53	8.18	83.45 (ekWh/m2)
Cannington	91 Elliott Street	2196	10.00	NG	13294.00 m3	4199.18	141285.67	25134.00	11.45	64.34 (ekWh/m2)

Community Centre										
				Propane	2062.00 L	2272.52	14497.00	3177.51	1.45	6.60 (ekWh/m2)
				Elect.	175831.00 kWh	25106.65	175831.00	17238.47	7.85	80.07 (ekWh/m2)
Sunderland Memorial Arena	20 Park St.	2396	10.00	NG	17643.00 m3	4773.74	187505.87	33356.33	13.92	78.26 (ekWh/m2)
				Propane	3270.00 L	3458.67	22989.91	5039.02	2.10	9.60 (ekWh/m2)
				Elect.	245257.00 kWh	34550.30	245257.00	24045.00	10.04	102.36 (ekWh/m2)
Facility Type Total:						108554.30	1354967.88	194158.62		
Facility Primary Type: Storage Facility										
Sunderland Park - Booth	Park Street	1	0.00	Elect.	574.00 kWh	153.98	574.00	56.27	56.27	574.00 (ekWh/m2)
Sunderland Park - Shed @ Ball Field	Park Street	1	0.00	Elect.	1549.00 kWh	339.21	1549.00	151.86	151.86	1549.00 (ekWh/m2)
Facility Type Total:						493.19	2123.00	208.14		
Facility Primary Type: Streetlights (optional)										
Cannington Baseball Lights	McNabb St	1	0.00	Elect.	2987.00 kWh	436.14	2987.00	292.85	292.85	2987.00 (ekWh/m2)
Franklin Street Kiosk	Franklin Street	1	0.00	Elect.	14581.00 kWh	1612.82	14581.00	1429.52	1429.52	14581.00 (ekWh/m2)
Ethel Park Kiosk	186 Morrison Ave.	1	0.00	Elect.	6490.00 kWh	1156.70	6490.00	636.28	636.28	6490.00 (ekWh/m2)
McLeod Park Campground	McNabb St	1	0.00	Elect.	3163.00 kWh	718.17	3163.00	310.10	310.10	3163.00 (ekWh/m2)
Manilla Park (lights)	C16990 Simcoe St.	1	0.00	Elect.	0.00 kWh	358.64	0.00	0.00	0.00	0.00 (ekWh/m2)
Beaverton Patrol Yard (lights)	B27305 Sideroad 17	1	0.00	Elect.	4266.00 kWh	826.83	4266.00	418.24	418.24	4266.00 (ekWh/m2)
Mill Gate Park	Mara Rd. & Simcoe St.	1	0.00							
Streetlights - Brock	Urban Areas	1	0.00	Elect.	440350.00 kWh	58889.41	440350.00	43171.91	43171.91	440350.00 (ekWh/m2)
Thorah Dock Lights	Harbour Park Crescent	1	0.00	Elect.	790.00 kWh	359.97	790.00	77.45	77.45	790.00 (ekWh/m2)
Streetlights - Howard Subdivision	Howard Ave. & Nancy Ave.	1	0.00	Elect.	8100.00 kWh	994.37	8100.00	794.12	794.12	8100.00 (ekWh/m2)
Streetlights - Regional Road 13	Regional Road 13	1	0.00	Elect.	2450.00 kWh	301.78	2450.00	240.20	240.20	2450.00 (ekWh/m2)
Streetlights - Gamebridge	Regional Road 50	1	0.00	Elect.	9130.00 kWh	1127.59	9130.00	895.11	895.11	9130.00 (ekWh/m2)
Streetlights - Ball Subdivision	Ball Avenue	1	0.00	Elect.	830.00 kWh	110.17	830.00	81.37	81.37	830.00 (ekWh/m2)
Streetlights - Manilla	Simcoe Street	1	0.00	Elect.	16250.00 kWh	2041.46	16250.00	1593.15	1593.15	16250.00 (ekWh/m2)
Streetlights - Maple	Concession 2 -	1	0.00	Elect.	718.00 kWh	97.08	718.00	70.39	70.39	718.00 (ekWh/m2)

Beach (Conc 2 Lot 19)	Thorah									
Streetlights - Saginaw	Regional Road 12	1	0.00	Elect.	4660.00 kWh	576.06	4660.00	456.87	456.87	4660.00 (ekWh/m2)
Streetlights - Port Bolster	Regional Road 23 - Port Bolster	1	0.00	Elect.	2660.00 kWh	333.94	2660.00	260.79	260.79	2660.00 (ekWh/m2)
Streetlights - Wilfrid	Regional Road 12 (Wilfrid)	1	0.00	Elect.	8480.00 kWh	1046.32	8480.00	831.38	831.38	8480.00 (ekWh/m2)
Streetlights - Sunderland	Regional Road 10 & Highway 7/12	1	0.00	Elect.	3600.00 kWh	441.76	3600.00	352.94	352.94	3600.00 (ekWh/m2)
Streetlights - Reg Rd 12 West of Cannington	Regional Road 12 (West of Cannington)	1	0.00	Elect.	614.00 kWh	92.81	614.00	60.20	60.20	614.00 (ekWh/m2)
Streetlights - Vallentyne	Lakeridge Road & Brock Concession 7	1	0.00	Elect.	6750.00 kWh	821.62	6750.00	661.77	661.77	6750.00 (ekWh/m2)
Streetlights - Regional Road 2 & 12	Regional Road 2 & 12	1	0.00	Elect.	1810.00 kWh	228.14	1810.00	177.45	177.45	1810.00 (ekWh/m2)
Streetlights - Meadowgreen Subdivision	Meadowlands Drive	1	0.00	Elect.	7870.00 kWh	959.73	7870.00	771.57	771.57	7870.00 (ekWh/m2)
Streetlights - Blackwater	Highway 7 & 12 (Blackwater)	1	0.00	Elect.	5620.00 kWh	677.74	5620.00	550.98	550.98	5620.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 21)	Concession 11 LT 21	1	0.00	Elect.	34030.00 kWh	4362.63	34030.00	3336.30	3336.30	34030.00 (ekWh/m2)
Streetlights - Sideroad 17 & Regional Road 23	Sideroad 17 & Regional Road 23	1	0.00	Elect.	1810.00 kWh	226.44	1810.00	177.45	177.45	1810.00 (ekWh/m2)
Streetlights - Riverside Beach	Riverside	1	0.00	Elect.	1660.00 kWh	211.81	1660.00	162.75	162.75	1660.00 (ekWh/m2)
Streetlights - Ethel Park	186 Morrison Ave.	1	0.00	Elect.	43430.00 kWh	5573.50	43430.00	4257.88	4257.88	43430.00 (ekWh/m2)
Streetlights - Beaverton Estates (Conc 5, Lot 16)	Concession 5	1	0.00	Elect.	1030.00 kWh	133.86	1030.00	100.98	100.98	1030.00 (ekWh/m2)
Streetlights - 3 Con. Lot 30, wb-rr 13@23	3 Concession (Reg. Road 13 @ 23)	1	0.00							
Streetlights - 4 Concession Lot 7200	Concession 4 @ Highway 12/7	1	0.00							
Streetlights - Ball subdivision	59 Ball Subdivision	1	0.00							
Streetlights - Ball subdivision	59 Ball Subdivision	1	0.00							

Facility Type Total:	84717.49	634129.00	62170.01		
Grand Total:	351035.13	4290569.41	648641.51		