

Energy Consumption and GHG Emmissions

From: 2013-01-01 To: 2013-12-31

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	8330.00 m3	4599.26	88529.38	15748.92	15.70	88.26 (ekWh/m2)
				Elect.	98298.00 kWh	12488.74	98298.00	9637.14	9.61	98.00 (ekWh/m2)
Township Administration Building	1 Cameron St. E.	1129	5.72	NG	12732.00 m3	3706.62	135312.86	24071.46	21.32	119.85 (ekWh/m2)
				Elect.	112101.00 kWh	13996.42	112101.00	10990.38	9.73	99.29 (ekWh/m2)
Facility Type Total:						34791.04	434241.24	60447.90		
Facility Primary Type: Library										
Beaverton Public Library	401 Simcoe Street	352	4.43	NG	6514.00 m3	2500.30	69229.34	12315.54	34.99	196.67 (ekWh/m2)
				Elect.	36323.00 kWh	4517.19	36323.00	3561.11	10.12	103.19 (ekWh/m2)
Cannington Town Hall & Library	38 Laidlaw Street South	676	4.43	NG	7605.00 m3	4335.39	80824.24	14378.22	21.27	119.56 (ekWh/m2)
				Elect.	66121.00 kWh	8266.79	66121.00	6482.50	9.59	97.81 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	1	3.57	oil 1&2	7.63 L	7.53	82.22	20.87	20.87	82.22 (ekWh/m2)
				Elect.	7.05 kWh	1.03	7.05	0.69	0.69	7.05 (ekWh/m2)
Facility Type Total:						19628.23	252586.86	36758.93		
Facility Primary Type: Museum										
Sunderland Hist Soc/Museum	14 Church St.	82	3.57	NG	1877.00 m3	1277.83	19948.34	3548.71	43.28	243.27 (ekWh/m2)
				Elect.	4201.00 kWh	662.08	4201.00	411.87	5.02	51.23 (ekWh/m2)
Facility Type Total:						1939.91	24149.34	3960.57		
Facility Primary Type: Fire										
Sunderland Fire Hall - New	217 River St.	724	24.00	NG	15015.00 m3	4194.56	159576.07	28387.76	39.21	220.41 (ekWh/m2)
				Elect.	20973.00 kWh	3186.81	20973.00	2056.19	2.84	28.97 (ekWh/m2)

Beaverton Fire Hall	360 Bay Street	475	24.00	NG	10702.00 m3	5520.94	113738.47	20233.49	42.60	239.45 (ekWh/m2)
				Elect.	14011.00 kWh	1734.85	14011.00	1373.64	2.89	29.50 (ekWh/m2)
Cannington Fire Hall	30 Laidlaw Street South	415	24.00	Elect.	38117.00 kWh	4532.49	38117.00	3736.99	9.00	91.85 (ekWh/m2)
Sunderland Fire Hall - Old	5 Church St.	420	3.00							
Facility Type Total:						19169.65	346415.54	55788.08		
Facility Primary Type: Community Centre										
Beaverton Harbour (Pole)	Harbour Park Crescent	1	0.00	Elect.	56.00 kWh	149.18	56.00	5.49	5.49	56.00 (ekWh/m2)
Cannington Old Library & Seniors Centre	21 Anne Street	576	3.57	oil 1&2	4394.37 L	4338.00	47361.55	12019.29	20.87	82.22 (ekWh/m2)
				Elect.	4060.95 kWh	591.53	4060.95	398.14	0.69	7.05 (ekWh/m2)
Manilla Hall	C16990 Simcoe St.	395	0.86	oil 1&2	3558.00 L	3579.26	38347.33	9731.69	24.64	97.08 (ekWh/m2)
				Elect.	6204.00 kWh	1286.40	6204.00	608.24	1.54	15.71 (ekWh/m2)
Wilfrid Hall	C20915 Brock Road	366	1.43	NG	4129.00 m3	2723.14	43882.09	7806.40	21.33	119.90 (ekWh/m2)
				Elect.	5602.00 kWh	1531.96	5602.00	549.22	1.50	15.31 (ekWh/m2)
Facility Type Total:						14199.47	145513.92	31118.46		
Facility Primary Type: Recreation Complex										
Beaverton Ball Lighting (Diamond)	Simcoe St. West	1	0.00	Elect.	873.00 kWh	307.70	873.00	85.59	85.59	873.00 (ekWh/m2)
Beaverton Harbour (Washrooms)	Harbour Park Crescent	1	0.00	Elect.	2588.00 kWh	490.48	2588.00	253.73	253.73	2588.00 (ekWh/m2)
Beaverton Harbour (Parking Lot)	Harbour Park Crescent	1	0.00	Elect.	156.00 kWh	197.66	156.00	15.29	15.29	156.00 (ekWh/m2)
Facility Type Total:						995.84	3617.00	354.61		
Facility Primary Type: Public Works										
Beaverton Works Shop	569 Franklin Street	244	1.43	NG	5732.00 m3	3503.01	60918.42	10837.07	44.41	249.67 (ekWh/m2)
				Elect.	6925.00 kWh	952.13	6925.00	678.93	2.78	28.38 (ekWh/m2)
Cannington Garage	211 Laidlaw Street South	315	1.43	NG	3871.00 m3	1683.47	41140.12	7318.62	23.23	130.60 (ekWh/m2)
				Elect.	6847.00 kWh	1098.41	6847.00	671.28	2.13	21.74 (ekWh/m2)
Colyer Storm System	Main Street	1	0.00	Elect.	435.00 kWh	262.10	435.00	42.65	42.65	435.00 (ekWh/m2)
Beaverton Patrol Yard	B27305 Sideroad 17	292	7.14	oil 1&2	10981.00 L	11099.87	118350.77	30034.75	102.86	405.31 (ekWh/m2)
				Elect.	10995.00 kWh	1758.01	10995.00	1077.95	3.69	37.65 (ekWh/m2)
Beaverton Harbour	Harbour Park	1	0.00	Elect.	1754.00 kWh	353.94	1754.00	171.96	171.96	1754.00 (ekWh/m2)

Sunderland Garage	Crescent S1015 Regional Road 10	382	0.00	NG	0.00 m3	910.00	0.00	0.00	0.00	0.00 (ekWh/m2)
				Elect.	14865.00 kWh	2355.87	14865.00	1457.36	3.82	38.91 (ekWh/m2)
Facility Type Total:						23976.81	262230.31	52290.57		
Facility Primary Type: Other										
Beaverton Animal Shelter	476 Main Street East	36	2.00							
Animal Shelter	99 Elliot Street	187	2.00	NG	1653.00 m3	938.74	17567.72	3125.21	16.71	93.95 (ekWh/m2)
				Elect.	28187.00 kWh	3364.23	28187.00	2763.45	14.78	150.73 (ekWh/m2)
Main St Ticket Booth	Main St.	1	0.00	Elect.	78.00 kWh	225.79	78.00	7.65	7.65	78.00 (ekWh/m2)
Sunderland Arena Farmers Market	2 Park St.	1	0.00	Elect.	0.00 kWh	206.41	0.00	0.00	0.00	0.00 (ekWh/m2)
Sunderland Park - Baseball Lights	Park Street	1	0.00	Elect.	5009.00 kWh	845.62	5009.00	491.08	491.08	5009.00 (ekWh/m2)
Sunderland Park - Grandstands	Park Street	1	0.00	Elect.	29.00 kWh	205.33	29.00	2.84	2.84	29.00 (ekWh/m2)
Beaverton Fairgrounds	Simcoe Street West	1	0.14	Elect.	972.00 kWh	317.98	972.00	95.29	95.29	972.00 (ekWh/m2)
McLeod Park Water Fountain	McNabb St	1	0.00	Elect.	3703.00 kWh	572.38	3703.00	363.04	363.04	3703.00 (ekWh/m2)
Beaverton Ball Lighting (2nd Diamond)	Simcoe St. West	1	0.00	Elect.	571.00 kWh	235.28	571.00	55.98	55.98	571.00 (ekWh/m2)
Facility Type Total:						6911.76	56116.72	6904.55		
Facility Primary Type: Town Hall										
Beaverton Town Hall	397 Simcoe Street	1430	7.14	NG	19439.00 m3	9499.57	206593.36	36751.90	25.70	144.47 (ekWh/m2)
				Elect.	35640.00 kWh	4861.25	35640.00	3494.15	2.44	24.92 (ekWh/m2)
Sunderland Town Hall	120 River Street	697	1.43	NG	11045.00 m3	3396.64	117383.80	20881.98	29.96	168.41 (ekWh/m2)
				Elect.	13693.00 kWh	1677.71	13693.00	1342.46	1.93	19.65 (ekWh/m2)
Facility Type Total:						19435.17	373310.15	62470.48		
Facility Primary Type: Single-Pad Arena										
Beaverton Community Centre	176 Main Street West	2350	10.00	NG	24180.00 m3	11189.39	256979.65	45715.36	19.45	109.35 (ekWh/m2)
				Propane	1409.00 L	763.41	9906.05	2171.25	0.92	4.22 (ekWh/m2)
				Elect.	326698.00 kWh	45039.18	326698.00	32029.47	13.63	139.02 (ekWh/m2)
Cannington	91 Elliott Street	2196	10.00	NG	11948.00 m3	3449.76	126980.68	22589.21	10.29	57.82 (ekWh/m2)

Community Centre										
				Propane	1703.00 L	542.90	11973.04	2624.30	1.20	5.45 (ekWh/m2)
				Elect.	234075.00 kWh	33181.71	234075.00	22948.71	10.45	106.59 (ekWh/m2)
Sunderland Memorial Arena	20 Park St.	2396	10.00	NG	19646.00 m3	5213.94	208793.31	37143.26	15.50	87.14 (ekWh/m2)
				Propane	1646.00 L	726.97	11572.29	2536.46	1.06	4.83 (ekWh/m2)
				Elect.	309838.00 kWh	41696.07	309838.00	30376.52	12.68	129.31 (ekWh/m2)
Facility Type Total:						141803.33	1496816.02	198134.53		
Facility Primary Type: Storage Facility										
Sunderland Park - Booth	Park Street	1	0.00	Elect.	608.00 kWh	149.45	608.00	59.61	59.61	608.00 (ekWh/m2)
Sunderland Park - Shed @ Ball Field	Park Street	1	0.00	Elect.	1511.00 kWh	369.73	1511.00	148.14	148.14	1511.00 (ekWh/m2)
Facility Type Total:						519.18	2119.00	207.75		
Facility Primary Type: Streetlights (optional)										
Cannington Baseball Lights	McNabb St	1	0.00	Elect.	2562.00 kWh	627.46	2562.00	251.18	251.18	2562.00 (ekWh/m2)
Franklin Street Kiosk	Franklin Street	1	0.00	Elect.	17263.00 kWh	2336.61	17263.00	1692.46	1692.46	17263.00 (ekWh/m2)
Ethel Park Kiosk	186 Morrison Ave.	1	0.00	Elect.	5197.00 kWh	1069.18	5197.00	509.51	509.51	5197.00 (ekWh/m2)
McLeod Park Campground	McNabb St	1	0.00	Elect.	83.00 kWh	240.80	83.00	8.14	8.14	83.00 (ekWh/m2)
Manilla Park (lights)	C16990 Simcoe St.	1	0.00	Elect.	0.00 kWh	378.36	0.00	0.00	0.00	0.00 (ekWh/m2)
Beaverton Patrol Yard (lights)	B27305 Sideroad 17	1	0.00	Elect.	4216.00 kWh	908.34	4216.00	413.34	413.34	4216.00 (ekWh/m2)
Mill Gate Park	Mara Rd. & Simcoe St.	1	0.00	Elect.	18.00 kWh	180.70	18.00	1.76	1.76	18.00 (ekWh/m2)
Streetlights - Brock	Urban Areas	1	0.00	Elect.	508269.00 kWh	62119.35	508269.00	49830.69	49830.69	508269.00 (ekWh/m2)
Thorah Dock Lights	Harbour Park Crescent	1	0.00	Elect.	762.00 kWh	390.63	762.00	74.71	74.71	762.00 (ekWh/m2)
Streetlights - Howard Subdivision	Howard Ave. & Nancy Ave.	1	0.00	Elect.	7828.00 kWh	1211.75	7828.00	767.46	767.46	7828.00 (ekWh/m2)
Streetlights - Regional Road 13	Regional Road 13	1	0.00	Elect.	2366.00 kWh	371.21	2366.00	231.96	231.96	2366.00 (ekWh/m2)
Streetlights - Gamebridge	Regional Road 50	1	0.00	Elect.	9882.00 kWh	1537.08	9882.00	968.83	968.83	9882.00 (ekWh/m2)
Streetlights - Ball Subdivision	Ball Avenue	1	0.00	Elect.	868.00 kWh	145.53	868.00	85.10	85.10	868.00 (ekWh/m2)
Streetlights - Manilla	Simcoe Street	1	0.00	Elect.	17002.00 kWh	2755.80	17002.00	1666.88	1666.88	17002.00 (ekWh/m2)
Streetlights - Maple	Concession 2 -	1	0.00	Elect.	1076.00 kWh	176.51	1076.00	105.49	105.49	1076.00 (ekWh/m2)

Beach (Conc 2 Lot 19)	Thorah									
Streetlights - Saginaw	Regional Road 12	1	0.00	Elect.	4877.00 kWh	756.86	4877.00	478.14	478.14	4877.00 (ekWh/m2)
Streetlights - Port Bolster	Regional Road 23 - Port Bolster	1	0.00	Elect.	2786.00 kWh	439.36	2786.00	273.14	273.14	2786.00 (ekWh/m2)
Streetlights - Wilfrid	Regional Road 12 (Wilfrid)	1	0.00	Elect.	8875.00 kWh	1374.88	8875.00	870.11	870.11	8875.00 (ekWh/m2)
Streetlights - Sunderland	Regional Road 10 & Highway 7/12	1	0.00	Elect.	3769.00 kWh	581.72	3769.00	369.51	369.51	3769.00 (ekWh/m2)
Streetlights - Reg Rd 12 West of Cannington	Regional Road 12 (West of Cannington)	1	0.00	Elect.	699.00 kWh	122.47	699.00	68.53	68.53	699.00 (ekWh/m2)
Streetlights - Vallentyne	Lakeridge Road & Brock Concession 7	1	0.00	Elect.	6387.00 kWh	981.72	6387.00	626.18	626.18	6387.00 (ekWh/m2)
Streetlights - Regional Road 2 & 12	Regional Road 2 & 12	1	0.00	Elect.	1895.00 kWh	300.56	1895.00	185.79	185.79	1895.00 (ekWh/m2)
Streetlights - Meadowgreen Subdivision	Meadowlands Drive	1	0.00	Elect.	7449.00 kWh	1146.68	7449.00	730.30	730.30	7449.00 (ekWh/m2)
Streetlights - Blackwater	Highway 7 & 12 (Blackwater)	1	0.00	Elect.	5882.00 kWh	891.88	5882.00	576.67	576.67	5882.00 (ekWh/m2)
Streetlights - Maple Beach (Conc 2 Lot 21)	Concession 11 LT 21	1	0.00	Elect.	35604.00 kWh	5741.62	35604.00	3490.62	3490.62	35604.00 (ekWh/m2)
Streetlights - Sideroad 17 & Regional Road 23	Sideroad 17 & Regional Road 23	1	0.00	Elect.	1895.00 kWh	298.48	1895.00	185.79	185.79	1895.00 (ekWh/m2)
Streetlights - Riverside Beach	Riverside	1	0.00	Elect.	1737.00 kWh	278.86	1737.00	170.30	170.30	1737.00 (ekWh/m2)
Streetlights - Ethel Park	186 Morrison Ave.	1	0.00	Elect.	45440.00 kWh	7388.79	45440.00	4454.94	4454.94	45440.00 (ekWh/m2)
Streetlights - Beaverton Estates (Conc 5, Lot 16)	Concession 5	1	0.00	Elect.	1041.00 kWh	171.81	1041.00	102.06	102.06	1041.00 (ekWh/m2)
Streetlights - 3 Con. Lot 30, wb-rr 13@23	3 Concession (Reg. Road 13 @ 23)	1	0.00	Elect.	245.00 kWh	84.44	245.00	24.02	24.02	245.00 (ekWh/m2)
Streetlights - 4 Concession Lot 7200	Concession 4 @ Highway 12/7	1	0.00	Elect.	3503.00 kWh	555.15	3503.00	343.43	343.43	3503.00 (ekWh/m2)
Streetlights - Ball subdivision	59 Ball Subdivision	1	0.00	Elect.	0.00 kWh	41.77	0.00	0.00	0.00	0.00 (ekWh/m2)
Streetlights - Ball subdivision	59 Ball Subdivision	1	0.00	Elect.	0.00 kWh	0.00	0.00	0.00	0.00	0.00 (ekWh/m2)

Facility Type Total:	95606.36	709476.00	69557.03		
Grand Total:	378976.75	4106592.09	577993.46		