

## 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
<b>Facility Primary Type: Library</b>										
Sombra Day Care/Library	3536 St. Clair Pwky	139	5.71	NG	1530.50 m3	0.00	16265.77	2904.30	20.89	117.02 (ekWh/m2)
				Elect.	9339.94 kWh	0.00	9339.94	747.19	5.38	67.19 (ekWh/m2)
Wilkesport Library	1349 Main St	89	1.71	Elect.	19678.00 kWh	0.00	19678.00	1574.24	17.69	221.10 (ekWh/m2)
Corunna Library	417 Lyndoch	121	7.28	NG	2674.00 m3	0.00	28418.68	5074.24	41.94	234.87 (ekWh/m2)
				Elect.	21297.00 kWh	0.00	21297.00	1703.76	14.08	176.01 (ekWh/m2)
Courtright SR Hall & Library	1533 Fourth Street	74	1.85	NG	842.46 m3	0.00	8953.49	1598.67	21.60	120.99 (ekWh/m2)
				Elect.	1774.58 kWh	0.00	1774.58	141.97	1.92	23.98 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>105727.46</b>	<b>13744.37</b>		
<b>Facility Primary Type: Museum</b>										
Moore Museum	94 Moore Line	746	5.70	NG	6222.00 m3	0.00	66126.03	11806.99	15.83	88.64 (ekWh/m2)
				Elect.	21999.00 kWh	0.00	21999.00	1759.92	2.36	29.49 (ekWh/m2)
Sombra Museum-Bury House	3476 St. Clair Pkwy	265	5.70	Elect.	341.00 kWh	0.00	341.00	27.28	0.10	1.29 (ekWh/m2)
Sombra Museum	3470 St. Clair Parkway	289	5.71	NG	5578.00 m3	0.00	59281.74	10584.92	36.63	205.13 (ekWh/m2)
				Elect.	16137.00 kWh	0.00	16137.00	1290.96	4.47	55.84 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>163884.77</b>	<b>25470.08</b>		
<b>Facility Primary Type: Fire</b>										
Brigden Fire Station	Jane Street	232	24.00	NG	5837.00 m3	0.00	62034.33	11076.41	47.74	267.39 (ekWh/m2)
				Elect.	26999.00 kWh	0.00	26999.00	2159.92	9.31	116.38 (ekWh/m2)
Port Lambton Fire Hall	362 West Broadway	214	24.00	NG	14242.00 m3	0.00	151360.80	27025.90	126.29	707.29 (ekWh/m2)
				Elect.	18369.00 kWh	0.00	18369.00	1469.52	6.87	85.84 (ekWh/m2)
Becher Fire Hall	442 Kimball Road	214	23.93	NG	4914.00 m3	0.00	52224.90	9324.90	43.57	244.04 (ekWh/m2)
				Elect.	9107.00 kWh	0.00	9107.00	728.56	3.40	42.56 (ekWh/m2)
Wilkesport Fire Hall	1343 Main St	204	24.00	NG	7030.00 m3	0.00	74713.27	13340.27	65.39	366.24 (ekWh/m2)
				Elect.	10952.00 kWh	0.00	10952.00	876.16	4.29	53.69 (ekWh/m2)
Courtright Fire Hall	1550 Eighth St	206	23.93	NG	11752.00 m3	0.00	124897.64	22300.83	108.26	606.30 (ekWh/m2)

				Elect.	30641.00 kWh	0.00	30641.00	2451.28	11.90	148.74 (ekWh/m2)
Corunna Fire Hall	249 Hill Street	210	24.00	NG	6900.00 m3	0.00	73331.66	13093.58	62.35	349.20 (ekWh/m2)
				Elect.	32909.00 kWh	0.00	32909.00	2632.72	12.54	156.71 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>667539.60</b>	<b>106480.05</b>		
<b>Facility Primary Type: Police</b>										
OPP Station	388 Lyndoch St	650	24.00	NG	19060.00 m3	0.00	202565.43	36168.64	55.64	311.64 (ekWh/m2)
				Elect.	181797.00 kWh	0.00	181797.00	14543.76	22.38	279.69 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>384362.43</b>	<b>50712.40</b>		
<b>Facility Primary Type: Community Centre</b>										
Courtright SR Hall & Library	1533 Fourth Street	186	1.85	NG	2117.54 m3	0.00	22504.73	4018.28	21.60	120.99 (ekWh/m2)
				Elect.	4460.42 kWh	0.00	4460.42	356.83	1.92	23.98 (ekWh/m2)
Wilkesport Park & Hall	1622 Baby Road	836	8.00	NG	5948.00 m3	0.00	63214.02	11287.04	13.50	75.61 (ekWh/m2)
				Elect.	33383.00 kWh	0.00	33383.00	2670.64	3.19	39.93 (ekWh/m2)
Brigden Community Hall	3016 Brigden Rd	996	7.98	NG	10074.00 m3	0.00	107064.23	19116.62	19.19	107.49 (ekWh/m2)
				Elect.	32303.00 kWh	0.00	32303.00	2584.24	2.59	32.43 (ekWh/m2)
Port Lambton Community Hall	507 Stoddard St	360	8.00	NG	7715.00 m3	0.00	81993.30	14640.14	40.67	227.76 (ekWh/m2)
				Elect.	18873.00 kWh	0.00	18873.00	1509.84	4.19	52.42 (ekWh/m2)
Sombra Community Hall	152 Smith Street	251	8.00	NG	4376.00 m3	0.00	46507.15	8303.99	33.08	185.29 (ekWh/m2)
				Elect.	7442.00 kWh	0.00	7442.00	595.36	2.37	29.65 (ekWh/m2)
Courtright Community Hall	1596 Third Street	691	8.00	NG	10075.00 m3	0.00	107074.85	19118.52	27.67	154.96 (ekWh/m2)
				Elect.	18167.00 kWh	0.00	18167.00	1453.36	2.10	26.29 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>542986.70</b>	<b>85654.87</b>		
<b>Facility Primary Type: Public Works</b>										
Wilksport Public Works Garage	1245 Wilkesport Line	465	24.00	NG	9262.00 m3	0.00	98434.47	17575.76	37.80	211.69 (ekWh/m2)
				Elect.	42367.00 kWh	0.00	42367.00	3389.36	7.29	91.11 (ekWh/m2)
Moore Roads Garage	359 Moore Line	725	23.93	NG	9459.00 m3	0.00	100528.14	17949.59	24.76	138.66 (ekWh/m2)
				Elect.	35654.00 kWh	0.00	35654.00	2852.32	3.93	49.18 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>276983.61</b>	<b>41767.02</b>		
<b>Facility Primary Type: Other</b>										
Sombra Day	3536 St. Clair Pwky	697	5.71	NG	7674.50 m3	0.00	81562.91	14563.29	20.89	117.02 (ekWh/m2)

Care/Library										
				Elect.	46834.06 kWh	0.00	46834.06	3746.73	5.38	67.19 (ekWh/m2)
Century Truss	487 Polymoore Drive	6155	7.14	NG	69335.00 m3	0.00	736876.92	131571.48	21.38	119.72 (ekWh/m2)
				Elect.	10127.00 kWh	0.00	10127.00	810.16	0.13	1.65 (ekWh/m2)
Golf Course	132 Moore Line	1	8.00	NG	1521.00 m3	0.00	16164.85	2886.28	2886.28	16164.85 (ekWh/m2)
				Elect.	126062.00 kWh	0.00	126062.00	10084.96	10084.96	126062.00 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>1017627.74</b>	<b>163662.90</b>		
<b>Facility Primary Type: Town Hall</b>										
Civic Centre	1155 Emily Street	1374	5.70	NG	7095.00 m3	0.00	75404.08	13463.61	9.80	54.88 (ekWh/m2)
				Elect.	148467.00 kWh	0.00	148467.00	11877.36	8.64	108.05 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>223871.08</b>	<b>25340.97</b>		
<b>Facility Primary Type: Water Treatment Facility</b>										
Total St. Clair Township Sewage pumps	1155 Emily Street	1000	24.00	Elect.	148439.00 kWh	0.00	148439.00	11875.12	11.88	56682.07 (ekWh/ML)
Courtright Wastewater	1155 Emily Street	941	24.00	Elect.	312571.00 kWh	0.00	312571.00	25005.68	26.57	1547.38 (ekWh/ML)
Corunna Wastewater	1155 Emily Street	249	24.00	Elect.	609290.00 kWh	0.00	609290.00	48743.20	195.76	555.72 (ekWh/ML)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>1070300.00</b>	<b>85624.00</b>		
<b>Facility Primary Type: Double-Pad Arena</b>										
Sports Complex	1166 Emily St	7747	14.00	NG	5588.00 m3	0.00	59388.02	10603.90	1.37	7.67 (ekWh/m2)
				Elect.	1216162.00 kWh	0.00	1216162.00	97292.96	12.56	156.98 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>1275550.02</b>	<b>107896.86</b>		
<b>Facility Primary Type: Streetlights (optional)</b>										
Corunna Streetlights	1155 Emily Street	1	12.00	Elect.	449680.00 kWh	0.00	449680.00	35974.40	35974.40	449680.00 (ekWh/m2)
Port Lambton Streetlights	1155 Emily Street	1	12.00	Elect.	239124.00 kWh	0.00	239124.00	19129.92	19129.92	239124.00 (ekWh/m2)
Brigden Streetlights	1155 Emily Street	1	12.00	Elect.	78416.00 kWh	0.00	78416.00	6273.28	6273.28	78416.00 (ekWh/m2)
Wilkesport Streetlights	1155 Emily Street	1	12.00	Elect.	47280.00 kWh	0.00	47280.00	3782.40	3782.40	47280.00 (ekWh/m2)
Sombra Streetlights	1155 Emily Street	1	12.00	Elect.	99996.00 kWh	0.00	99996.00	7999.68	7999.68	99996.00 (ekWh/m2)
Courtright Streetlights	1155 Emily Street	1	12.00	Elect.	160872.00 kWh	0.00	160872.00	12869.76	12869.76	160872.00 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>1075368.00</b>	<b>86029.44</b>		

<b>Grand Total:</b>	<b>0.00</b>	<b>6804201.40</b>	<b>792382.96</b>		
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