

Energy Consumption and GHG Emissions

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

TOWNSHIP OF HORNEPAYNE

Facility Name	Address	Average		Fuel Types	Consumption	Cost (\$)	Energy (ekWh/yr)	GHG Emissions (kg CO2e/yr)	GHG Intensity (kg CO2e/m2)	Energy Intensity
		Total Area (m2)	Hours/D ay							
Facility Primary Type: Office										
Townhall/Fire	68 Front Str	372	7.72	Elect.	98391.00 kWh	8199	98391	9449.47	25.4	264.49 (ekWh/m2)
Airport Garage	101 Airport Road	98	1	Elect.	23003.27 kWh	2694.6	23003.27	2209.23	22.54	234.73 (ekWh/m2)
Facility Type Total						10893.6	121394.27	11658.71		
Facility Primary Type: Recreation Complex										
Hornepayne Arenz 1 Tower Road		2302	5.72	Propane	7721.00 L	0	54282.92	11897.94	5.17	23.58 (ekWh/m2)
				Elect.	517102.00 kWh	38705	517102	49662.48	21.57	224.63 (ekWh/m2)
				Heavy Fuel	15654.00 L	0	184804.16	49232.41	21.39	80.28 (ekWh/m2)
Curling Club	1 Tower Road	1357	7.86	Elect.	214522.00 kWh	24464	214522	20602.69	15.18	158.09 (ekWh/m2)
Facility Type Total						63169	970711.07	131395.52		
Facility Primary Type: Public Works										
Public Works Gara becker Road		55	6	Elect.	9803.85 kWh	1248.4	9803.85	941.56	17.12	178.25 (ekWh/m2)
				Heavy Fuel	1449.75 L	0	17115.11	4559.52	82.9	311.18 (ekWh/m2)
Public Works Gara becker Road		231	8	Elect.	41176.18 kWh	5243.3	41176.18	3954.56	17.12	178.25 (ekWh/m2)
				Heavy Fuel	6088.95 L	0	71883.47	19149.98	82.9	311.18 (ekWh/m2)
Public Works Gara becker Road		115	6	Elect.	20498.97 kWh	2610.3	20498.97	1968.72	17.12	178.25 (ekWh/m2)
				Heavy Fuel	3031.30 L	0	35786.14	9533.54	82.9	311.18 (ekWh/m2)
Facility Type Total						9102	196263.72	40107.88		
Facility Primary Type: Other										
New Landfill Garag Becker Road		27	0.72							
Old Landfill Buildin Becker Road		25	5.28	Elect.	23642.00 kWh	3122	23642	2270.58	90.82	945.68 (ekWh/m2)
Facility Type Total						3122	23642	2270.58		
Facility Primary Type: Tower										
Water Tower	Tower Road	200	24	Elect.	40771.00 kWh	5021	40771	3915.65	19.58	40771.00 (ekWh/ML)
Facility Type Total						5021	40771	3915.65		
Facility Primary Type: Water Treatment Facility										
Waste Water Plant Honka Drive		382	5.86	Elect.	874524.00 kWh	53464	874524	83989.28	219.87	874524.00 (ekWh/ML)
				Heavy Fuel	7596.00 L	7466.02	89675	23889.7	62.54	89675.00 (ekWh/ML)
Moonlight Lk Pum Moon Light Lake		100	24	Elect.	40305.00 kWh	5216	40305	3870.89	38.71	40305.00 (ekWh/ML)
Water Treatment I 100 Herbert Ave		487	24	Elect.	177094.00 kWh	5021	177094	17008.11	34.92	177094.00 (ekWh/ML)
				Heavy Fuel	10046.00 L	9901	118598.61	31595.04	64.88	118598.61 (ekWh/ML)
Facility Type Total						81068.02	1300196.6	160353.03		
Facility Primary Type: Storage Facility										
Airport Garage	101 Airport Road	144	1	Elect.	33800.73 kWh	3959.4	33800.73	3246.22	22.54	234.73 (ekWh/m2)
Facility Type Total						3959.4	33800.73	3246.22		
Facility Primary Type: Streetlights (optional)										
Street Lights	68 Front Street	1	9.86	Elect.	180972.00 kWh	24031	180972	17380.55	17380.55	180972.00 (ekWh/m2)
Facility Type Total						24031	180972	17380.55		
Grand Total						200366.02	2867751.39	370328.13		

Energy Consumption and GHG Emmissions

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

Township of Hornepayne

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										
Townhall/Fire	68 Front Street	372	7.72	Elect.	86273.00 kWh	7190	86273	8285.66	22.27	231.92 (ekWh/m2)
Airport Garage	101 Airport Road	98	1	Elect.	23003.27 kWh	2702.29	23003.27	2209.23	22.54	234.73 (ekWh/m2)
Facility Type Total						9892.29	109276.27	10494.89		
Facility Primary Type: Recreation Complex										
Hornepayne Arena	1 Tower Road	2302	5.72	Propane	2848.00 L	0	20023.02	4388.72	1.91	8.70 (ekWh/m2)
				Elect.	347840.00 kWh	24637	347840	33406.55	14.51	151.10 (ekWh/m2)
				Heavy Fuel	11081.00 L	0	130817.35	34850.15	15.14	56.83 (ekWh/m2)
Curling Club	1 Tower Road	1357	7.86	Elect.	162920.00 kWh	20115.07	162920	15646.84	11.53	120.06 (ekWh/m2)
Facility Type Total						44752.07	661600.38	88292.27		
Facility Primary Type: Public Works										
PUBLIC Works Garage	becker Road	55	6	Elect.	13960.26 kWh	1919.51	13960.26	1340.74	24.38	253.82 (ekWh/m2)
				Heavy Fuel	1211.23 L	0	14299.29	3809.38	69.26	259.99 (ekWh/m2)
PUBLIC Works Garage	becker Road	231	6	Elect.	58633.10 kWh	8061.96	58633.1	5631.12	24.38	253.82 (ekWh/m2)
				Heavy Fuel	5087.18 L	0	60057.04	15999.38	69.26	259.99 (ekWh/m2)
PUBLIC Works Garage	becker Road	115	6	Elect.	29189.64 kWh	4013.53	29189.64	2803.37	24.38	253.82 (ekWh/m2)
				Heavy Fuel	2532.58 L	0	29898.52	7965.06	69.26	259.99 (ekWh/m2)
Facility Type Total						13995	206037.86	37549.06		
Facility Primary Type: Other										
New Landfill Garage	Becker Road	27	0.72							
Old Landfill Building	Becker Road	25	5.28	Elect.	16200.00 kWh	1123	16200	1555.85	62.23	648.00 (ekWh/m2)
Facility Type Total						1123	16200	1555.85		
Facility Primary Type: Tower										
Water Tower	Tower Road	200	24	Elect.	39179.00 kWh	5182	39179	3762.75	18.81	39179.00 (ekWh/ML)
Facility Type Total						5182	39179	3762.75		
Facility Primary Type: Water Treatment Facility										
Waste Water Plant	Honka Drive	382	5.86	Elect.	875328.00 kWh	52650	875328	84066.5	220.07	875328.00 (ekWh/ML)
				Heavy Fuel	5600.00 L	6243.48	66111.11	17612.21	46.11	66111.11 (ekWh/ML)
Moonlight Lk Pump	Moon Light Lake	100	24	Elect.	21031.00 kWh	3034	21031	2019.82	20.2	21031.00 (ekWh/ML)
Water Treatment Pl	100 Herbert Ave	487	24	Elect.	10650832.00 kWh	28491	10650832	1022905.91	2100.42	10650832.00 (ekWh/ML)
				Heavy Fuel	14710.00 L	14860	173659.71	46263.49	95	173659.71 (ekWh/ML)
Facility Type Total						105278.5	11786961.82	1172867.93		
Facility Primary Type: Storage Facility										
Airport Garage	101 Airport Road	144	1	Elect.	33800.73 kWh	3970.71	33800.73	3246.22	22.54	234.73 (ekWh/m2)
Facility Type Total						3970.71	33800.73	3246.22		
Facility Primary Type: Streetlights (optional)										
Street Lights	68 Front Street	1	9.86	Elect.	196053.00 kWh	28226	196053	18828.93	18828.93	196053.00 (ekWh/m2)
Facility Type Total						28226	196053	18828.93		
Grand Total						212419.6	13049109.05	1336597.9		

Energy Consumption and GHG Emissions

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

TOWNSHIP OF HORNEPAYNE

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										
Townhall/Fire	68 Front Street	372	7.72	Elect.	82493.00 kWh	6872	82493	7922.63	21.3	221.76 (ekWh/m2)
Airport Garage	101 Airport Road	98	1	Elect.	374079.77 kWh	3240.07	374079.77	35926.62	366.6	3817.14 (ekWh/m2)
Facility Type Total						10112.07	456572.77	43849.25		
Facility Primary Type: Recreation Complex										
Hornepayne Arenz	1 Tower Road	2302	5.72	Elect. Heavy Fuel	220419.00 kWh 10623.00 L	25924 0	220419 125410.41	21169.04 33409.73	9.2 14.51	95.75 (ekWh/m2) 54.48 (ekWh/m2)
Curling Club	1 Tower Road	1357	7.86	Elect.	125157.00 kWh	15199.08	125157	12020.08	8.86	92.23 (ekWh/m2)
Facility Type Total						41123.08	470986.41	66598.85		
Facility Primary Type: Public Works										
Public Works Gara	becker Road	55	6	Elect. Heavy Fuel	9455.75 kWh 1735.59 L	1344 0	9455.75 20489.56	908.13 5458.48	16.51 99.25	171.92 (ekWh/m2) 372.54 (ekWh/m2)
Public Works Gara	becker Road	231	6	Elect. Heavy Fuel	39714.14 kWh 7289.46 L	5644.81 0	39714.14 86056.14	3814.15 22925.63	16.51 99.25	171.92 (ekWh/m2) 372.54 (ekWh/m2)
Public Works Gara	becker Road	115	6	Elect. Heavy Fuel	19771.11 kWh 3628.95 L	2810.19 0	19771.11 42841.8	1898.82 11413.19	16.51 99.25	171.92 (ekWh/m2) 372.54 (ekWh/m2)
Facility Type Total						9799	218328.49	46418.39		
Facility Primary Type: Other										
New Landfill Gara	Becker Road	27	0.72							
Old Landfill Buildir	Becker Road	25	5.28	Elect.	6877.00 kWh	1337	6877	660.47	26.42	275.08 (ekWh/m2)
Facility Type Total						1337	6877	660.47		
Facility Primary Type: Tower										
Water Tower	Tower Road	200	24	Elect.	40714.00 kWh	5952	40714	3910.17	19.55	40714.00 (ekWh/ML)
Facility Type Total						5952	40714	3910.17		
Facility Primary Type: Water Treatment Facility										
Waste Water Plant	Honka Drive	382	5.86	Elect. Heavy Fuel	463444.00 kWh 9336.00 L	28253 10176	463444 110216.66	44509.16 29362.07	116.52 76.86	463444.00 (ekWh/ML) 110216.66 (ekWh/ML)
Moonlight Lk Pum	Moon Light Lake	100	24	Elect.	17102.00 kWh	2696	17102	1642.48	16.42	17102.00 (ekWh/ML)
Water Treatment I	100 Herbert Ave	487	24	Elect. Heavy Fuel	205049.00 kWh 20560.00 L	28855 22039	205049 242722.21	19692.91 64661.96	40.44 132.78	205049.00 (ekWh/ML) 242722.21 (ekWh/ML)
Facility Type Total						92019	1038533.87	159868.57		
Facility Primary Type: Storage Facility										
Airport Garage	101 Airport Road	144	1	Elect.	549668.23 kWh	4760.93	549668.23	52790.14	366.6	3817.14 (ekWh/m2)
Facility Type Total						4760.93	549668.23	52790.14		
Facility Primary Type: Streetlights (optional)										
Street Lights	68 Front Street	1	9.86	Elect.	173135.00 kWh	29596	173135	16627.89	16627.89	173135.00 (ekWh/m2)
Facility Type Total						29596	173135	16627.89		
Grand Total						194699.08	2954815.8	390723.72		