

## CYC Corporate Buildings Energy Use (Gas/Electricity) 2020/21 - Building Specification TBC

BEIS Carbon Gas Carbon Factor	0.18316
BEIS Carbon Electricity Carbon Factor	0.21233

Site Name	Type	Ref	2020/21 GAS			2020/21 ELECTRICITY		
			Total kWh	tCO2e	Cost	Total kWh	tCO2e	Cost
West Offices	2. Corporate	36600478	1,218,014	223.09	£28,631.87	1586598	336.882353	£227,672.31
York Crematorium	2. Corporate	3660227P	778,582	142.61	£23,715.07	79801	16.9442313	£12,307.02
Marjorie Waite Court - NEW INCREASE	2. Corporate	36600145	722,277	132.29	£25,577.95	30015	6.37308495	£4,189.96
Barstow House EPH	2. Corporate	3660227L	630,314	115.45	£18,233.19	56267	11.9472146	£8,018.68
City Mills	2. Corporate	36600189	551,244	100.97	£15,699.25	58714	12.4667436	£8,569.58
Haxby Hall EPH	2. Corporate	3660226S	520,558	95.35	£15,521.77	100664	21.3740508	£14,050.67
JAMES HOUSE	2. Corporate	3660229J	519,453	95.14	£16,207.52	64674	13.7322517	£11,125.20
Glen Lodge EPH	2. Corporate	36600165	491,658	90.05	£14,842.38	76508	16.2448587	£11,670.92
Gale Farm Court	2. Corporate	36602278	483,743	88.60	£13,619.74	65593	13.9273192	£9,482.49
Howe Hill Hostel	2. Corporate	36600373	383,232	70.19	£11,705.97	76811	16.3092584	£11,349.31
SWINEGATE COURT	2. Corporate	3660229F	328,512	60.17	£9,684.26	34684	7.36445372	£5,384.07
The Pupil Support Centre Danesgate	2. Corporate	36602272	288,737	52.89	£8,805.79	103960	22.0737206	£15,836.76
Lincoln Court - NEW SUPPLY	2. Corporate	36600150	279,629	51.22	£7,705.21		0	
BAD BARGAIN LANE	2. Corporate	3660226B	258,129	47.28	£8,996.35	99586	21.1449892	£16,772.93
James Street Ecodepot	2. Corporate	36600397	256,207	46.93	£7,150.49	452389	96.0557988	£66,529.79
The Avenue Residential Care	2. Corporate	36600234	163,995	30.04	£5,012.10	32280	6.8540761	£4,792.05
Peasholme Hostel	2. Corporate	3660227S	153,059	28.03	£4,765.97	82030	17.4174087	£12,311.55
5/6 Kings Court	2. Corporate	36600222	115,535	21.16	£3,586.10	6876	1.45998108	£1,089.87
Ordnance Lane Hostel	2. Corporate	3660226Q	84,363	15.45	£3,621.49	77167	16.3849116	£11,819.11
Registrars Office Bootham Lodge	2. Corporate	36600378	82,366	15.09	£2,611.22	9733	2.06660789	£1,553.68
Moor Lane Youth Centre	2. Corporate	36600264	78,367	14.35	£2,589.38	12602	2.67578266	£1,996.87
Clarence St Day Centre	2. Corporate	36600051	77,143	14.13	£2,484.10	21122	4.48483426	£3,464.71
City of York Council James Street Gara	2. Corporate	36600453	69,291	12.69	£2,333.64	6955	1.47675515	£1,101.66
1 Museun Street	5. Make it York	36600157	66,993	12.27	£2,480.56	18126	3.84869358	£2,848.34
Crombie House	2. Corporate	36600045	66,187	12.12	£2,514.87	6223	1.32132959	£1,045.23
City of York Council Pinetrees	2. Corporate	36600361	59,056	10.82	£1,995.25	11878	2.52205574	£1,878.20
The Glen Family	2. Corporate	36600044	58,541	10.72	£1,953.62	30797	6.53912701	£4,706.32
29 Castlegate	2. Corporate	36600389	55,633	10.19	£1,436.01	13484	2.86305772	£2,072.82
Fulford Business Centre	2. Corporate	36600467	54,410	9.97	£1,991.18	5655	1.20072615	£913.33
Bell Farm Youth Centre	2. Corporate	36600064	52,356	9.59	£1,876.60	25140	5.3379762	£3,932.33
The Glebe	2. Corporate	36600086	48,477	8.88	£1,758.03	2031	0.43124223	£390.82
Unit 3-4 Gerald's Court	2. Corporate	36600452	48,211	8.83	£1,411.33	35018	7.43537194	£5,436.27
Ashbank NOW SOLD	2. Corporate	36600081	39,076	7.16	£1,495.36	1313	0.27878929	£353.91
Rowntree Park Lodge	2. Corporate	36600235	37,134	6.80	£1,367.29	5946	1.26251418	£986.08
92 Holgate Road	2. Corporate	36600457	23,949	4.39	£1,277.54	207	0.04395231	£127.57

# ANNEX A

The Pupil Support Centre	2. Corporate	36602272	23,524	4.31	£888.77	103960	22.0737206	£15,836.76
ROUGIER STREET	2. Corporate		22,774	4.17	£829.80		0	
Gloucester House	2. Corporate	36600268	19,741	3.62	£727.01	4149	0.88095717	£696.39
Moor Lane Youth Centre Office	2. Corporate		16,713	3.06	£591.47	12602	2.67578266	£1,996.87
Lovel House	2. Corporate	36600148	14,072	2.58	£518.20	4857	1.03128681	£777.26
The Avenue Residential Care	2. Corporate	3660227V	12,923	2.37	£1,497.33	32280	6.8540761	£4,792.05
York Independence Bungalow	2. Corporate		11,091	2.03	£536.87		0	
City of York Council 6 Nursery Drive	2. Corporate		9,411	1.72	£450.77		0	
5 Silver Street	2. Corporate	3660227K	8,669	1.59	£537.86	24453	5.19214796	£3,808.33
Marjorie Waite Crt Warden Call	2. Corporate	36600251	8,473	1.55	£398.40	2926	0.62127758	£519.79
Tang Hall Library	2. Corporate	36600088	4,739	0.87	£735.55	7553	1.60372849	£1,187.37
Kingswater Youth Centre	2. Corporate		2,929	0.54	£228.50		0	
Burton Stone Lane	2. Corporate	3660227X	159	0.03	£233.04		0	
<b>Total</b>			9,299,649	1703.32	£282,832.02	3483627	739.6785	£515,395.23
							<b>Renewable</b>	

**tCO<sub>2</sub>e = kWh X 0.18316 (BEIS Gas Conversion Factor) or 0.21233 (BEIS Electricity Conversion Factor) / 1000**

**CYC uses a renewable energy provider so the tCO<sub>2</sub>e outlined in the above table is not representative**

**Decarbonisation Plan Assessment/Time/Cost Breakdown as provided by consultants (day rate)**

	Total					Hours
	Hours	Hours	Hours	Hours	Hours	
Pre-site Preparation	8	8	8	8	8	40
Site Assessment - Mechanical	27	27	27	27	27	135
Site Assessment - Electrical /DNO Capacity	9	9	9	9	9	45
Site Assessment - Renewable Energy / Storage	4.5	4.5	4.5	4.5	4.5	22.5
Site Assessment - Energy Reduction	9	9	9	9	9	45
Site Assessment - General Assessment	4.5	4.5	4.5	4.5	4.5	22.5
IES Modelling - Thermal / Heat Calculations, Carbon Assessments and low carbon technology options review	18	18	18	18	18	90
RIBA Stage 2 and 3 - Heating / Mechanical	54	54	54	54	54	270
Electrical Assessment, including DNO Liaison	27	27	27	27	27	135
Energy reduction designs / capacity	27	27	27	27	27	135
Energy generation / storage systems design & capacity	18	18	18	18	18	90
Preparation, Review and Issue of the decarbonisation plan	45	45	45	45	45	225
Total Hours	251	251	251	251	251	1225
Total Cost (NET)						£41,012.50