

GW2 - Ref	Site Details	Intervention details	Total project cost - Excluding risk (£)	Total costed Risk (£)	Total Project cost (inc. risk)	Projected Costs Savings	Projected Payback Period (yrs)	Annual Energy Savings (kWh)	Annual Carbon Savings (100's tCO2)	Scope Status	Change of scope over project development
1	7 Harrow Place	LED lights	£26,750	£6,420	£33,170	£0	8	15,000	0.002	EXCLUDED	Not proceeding through this project as this is a housing property.
2	Barbican Arts Centre	BEMS Optimisation	£32,100	£7,704	£39,804	£41,064	0.7	264,344	0.0255	INCLUDED	
3	Barbican Arts Centre	Heating Improvements	£154,824	£37,158	£191,981	£41,373	4	-	-	INCLUDED	
4	Barbican Arts Centre	BAC - Theatre Fly Tower, sub-stage, Control Room	£38,384	£9,212	£47,596	£19,076	2	78,084	0.0107	INCLUDED	
5	Barbican Arts Centre	EC Fan Replacements	£274,736	£65,937	£340,673	£38,459	7	157,427	0.0215	INCLUDED	
6	Barbican Arts Centre	Lighting Phase 2	£732,954	£175,909	£908,863	£19,800	36	81,050	0.0111	INCLUDED	
7	Barbican Arts Centre	Concert Hall Lighting (Combined with CWP)	£241,543	£57,970	£299,513	£27,158	10	111,168	0.0152	EXCLUDED	Excluded due to high cost and long payback, also scope of works being progressed separately through Barbican Renewal
8	Barbican Arts Centre	Theatre Lighting (Combined with CWP)	£340,056	£81,613	£421,669	£21,299	18	87,185	0.0119	EXCLUDED	Excluded due to high cost and long payback, also scope of works being progressed separately through Barbican Renewal
9	Bishopsgate Police Station	BEMS Optimisation	£10,158	£2,438	£12,595	£13,106	0.7	115,817	0.02	EXCLUDED	To be progressed through separate CAS Project
10	Central Criminal Court	BEMS Optimisation incl. Building Advisor roll out (Phase 2)	£146,713	£35,211	£181,924	£14,109	9.7	108,570	0.0182	EXCLUDED	To be progressed through separate CAS Project
11	City of London Cemetery & Crematorium	BEMS Optimisation	£7,804	£1,873	£9,676	£2,108	3.5	17,890	0.0031	EXCLUDED	To be progressed through separate CAS Project
12	GSMD	LED Lighting	£380,339	£91,281	£471,620	£28,055	13	114,840	0.0157	INCLUDED	
13	GSMD	BEMS Optimisation	£7,195	£1,727	£8,921	£5,594	1	22,897	0.0031	INCLUDED	
14	GSMD	EC Fan Replacements	£189,394	£45,455	£234,849	£5,584	33	22,858	0.0031	INCLUDED	
15	GSMD	Steam Humidification	£26,979	£6,475	£33,454	£1,421	18	5,816	0.0008	EXCLUDED	Recommended not to progress further as assessment has confirmed long payback and low benefit
16	Guildhall Complex	Replacement of North Wing pumps	£106,431	£25,544	£131,975	£25,316	3.9	110,071	0.015	EXCLUDED	Cancelled, as works were delivered under CWP project
17	Guildhall Complex	LED lighting for external Guildhall	£15,527	£3,726	£19,253	£2,488	5.8	10,816	0.0015	INCLUDED	
18	Guildhall Complex	LED lighting for Dance Porch	£15,427	£3,702	£19,129	£1,309	11	5,690	0.0008	INCLUDED	
19	Guildhall Complex	LED lighting for City Centre Exhibition	£50,229	£12,055	£62,284	£3,848	12.2	16,730	0.0023	EXCLUDED	Cancelled as centre was refurbished and lighting works undertaken through that project
20	Guildhall Complex	LED lighting for Amphitheatre	£53,669	£12,881	£66,550	£7,152	7	31,096	0.0042	INCLUDED	
21	Guildhall Complex	LED lighting for East Wing	£110,264	£26,463	£136,727	£8,459	12.2	36,779	0.005	INCLUDED	
22	Guildhall Complex	LED lighting for North Wing	£41,415	£9,939	£51,354	£5,335	7.3	23,194	0.0032	INCLUDED	
23	Guildhall Complex	North Wing AHUs	£65,488	£15,717	£81,206	£3,429	17.8	14,909	0.002	EXCLUDED	Recommended not to progress further as assessment has confirmed long payback and low benefit
24	Guildhall Complex	East Wing AHUs	£80,946	£19,427	£100,373	£13,934	5.4	60,585	0.0083	EXCLUDED	Scope of works now included in major project for the GYE offices
25	Guildhall Complex	PowerTag Sub metering (BEMS) Pilot project	£8,025	£1,926	£9,951	£0	-	-	-	INCLUDED	
26	Heathrow Animal Reception Centre	BEMS Optimisation	£8,521	£2,045	£10,567	£3,457	2.3	27,930	0.0047	INCLUDED	
27	Housing - General	Housing Estates BEMS (Trend) integration with Main CoL BEMS	£10,700	£2,568	£13,268	£0	-	-	-	EXCLUDED	Not proceeding through this project as this is a housing property.
28	London Metropolitan Archives	Insulation of internal heating pipework and fittings	£2,789	£669	£3,458	£797	3.3	7,970	0.0014	EXCLUDED	To be progressed through separate CWP Project
29	London Metropolitan Archives	Installation of solar pv array on roof of main building	£109,337	£26,241	£135,578	£16,849	6.1	49,861	0.0068	INCLUDED	
30	London Metropolitan Archives	BEMS Optimisation	£10,875	£2,610	£13,486	£5,131	2	31,485	0.005	EXCLUDED	To be progressed through separate CAS Project
31	Mansion House	BEMS Optimisation incl. Building Advisor roll out (Phase 2)	£89,099	£21,384	£110,483	£10,584	7.9	82,751	0.0139	INCLUDED	Note, scope changed to exclude roll-out of building advisor.
32	Mansion House	Heat Pump	£481,631	£115,591	£597,223	£26,568	16	681,429	0.1319	EXCLUDED	To be progressed through separate CAS Project
33	Mansion House	Draft Improvements	£26,028	£6,247	£32,274	£3,088	8	30,884	0.0055	INCLUDED	
34	Mansion House	Heating Improvements	£6,459	£1,550	£8,009	£5,797	1	33,632	0.0053	INCLUDED	
35	Mansion House	LED Lighting Replacements	£146,239	£36,097	£181,336	£18,371	8	75,200	0.0103	INCLUDED	
36	Mansion House	Fan Replacements	£31,443	£7,546	£38,989	£11,770	3	48,180	0.0066	INCLUDED	
37	Mansion House	Ventilation Improvements	£55,634	£13,352	£68,986	£11,284	5	46,191	0.0063	INCLUDED	
38	Mansion House	Insulation (Pipework)	£2,307	£554	£2,861	£114	19	1,144	0.0002	INCLUDED	
39	New Street (21)	BEMS Optimisation	£10,864	£2,607	£13,471	£4,786	2.1	29,180	0.0046	EXCLUDED	To be progressed through separate CAS Project
40	Open Spaces - Epping Forest	BEMS Optimisation	£12,041	£2,890	£14,930	£1,463	7.7	12,855	0.0022	INCLUDED	
41	OS Epping Forest - The Warren	Cavity Wall insulation - the Office	£24,443	£5,866	£30,309	£97	236.2	967	0.0002	EXCLUDED	Cancelled due to poor payback
42	OS Epping Forest - The Warren	Cavity Wall Insulation - the Ancillary Barn	£15,375	£3,690	£19,065	£61	236.3	608	0.0001	EXCLUDED	Cancelled due to poor payback
43	OS Epping Forest - The Warren	Cavity Wall Insulation - the workshop	£16,016	£3,844	£19,859	£171	87.7	1,707	0.0003	EXCLUDED	Cancelled due to poor payback
44	OS Epping Forest - The Warren	Loft insulation - the Office	£12,575	£3,018	£15,593	£128	92	1,278	0.0002	EXCLUDED	Cancelled due to poor payback
45	OS Epping Forest - The Warren	LED Lighting - the Office	£22,730	£5,455	£28,185	£1,113	19.1	4,838	0.0007	INCLUDED	
46	OS Epping Forest - The Warren	LED Lighting - the Ancillary Barn	£5,682	£1,364	£7,046	£1,217	4.4	5,292	0.0007	INCLUDED	
47	OS Epping Forest - The Warren	BEMS upgrade	£48,862	£11,727	£60,589	£686	66.6	6,023	0.001	EXCLUDED	Being delivered through separate project
48	OS Epping Forest - The Warren	Biomass boiler installation	£93,191	£22,366	£115,557	£6,419	13.6	6,010	0.0166	INCLUDED	Scope changed to Air Source Heat Pump, rather than biomass due to planning challenges
49	OS Hampstead Heath - Kenwood House	Kenwood Nursery Solar PV	£56,479	£13,555	£70,034	£5,596	9.4	24,332	0.0033	EXCLUDED	Excluded due to high cost and long payback
50	OS Hampstead Heath: Lido	Lido Hampstead Health Solar PV - Phase 2	£106,740	£25,618	£132,358	£8,958	11.1	38,946	0.0053	INCLUDED	
51	OS: Marlewood Estate	Marlewood Estate Solar PV	£91,018	£21,844	£112,863	£11,237	7.6	48,855	0.0067	EXCLUDED	Excluded due to high cost and long payback
52	Tower Bridge	BEMS Optimisation incl. Building Advisor roll out (Phase 2)	£46,645	£11,195	£57,839	£7,048	6.2	64,462	0.0112	EXCLUDED	To be progressed through separate CAS Project
53	Walbrook Wharf Cleansing Depot	Ventilation EC Fan Replacements	£29,371	£7,049	£36,420	£17,364	1.6	75,495	0.0103	INCLUDED	
54	Walbrook Wharf Cleansing Depot	Replace gas boilers and LTHW pumps with ASHPs and new pumps for Phase 2 (Main office) building	£538,149	£129,156	£667,305	£11,205	40.7	226,872	0.0436	EXCLUDED	To be progressed through separate CAS Project
55	Walbrook Wharf Cleansing Depot	BEMS Optimisation incl. Building Advisor roll out (Phase 2)	£45,232	£10,856	£56,088	£9,210	4.6	65,219	0.0107	INCLUDED	Note, scope changed to exclude roll-out of building advisor.
56	Walbrook Wharf Cleansing Depot	Heating (Pumps & Valves)	£24,792	£5,950	£30,742	£1,284	18	7,890	0.0013	INCLUDED	
		Total	£5,338,617	£1,281,267	£6,619,881	£551,329	12	3,250,302	0.5211		