

## Appendix 5. Summary of potential costs

	<u>Calculated lighting consumption at building type</u> kWh per annum	<u>Calculated energy savings</u> kWh	<u>Calculated cost savings per year</u> £	<u>CO2 Saving per year</u> Tonnes CO2e	<u>Best Case - Calculated cost to replace lighting</u> £	<u>Best Case - Simple payback</u> years	<u>Likely Case - Calculated cost to replace lighting</u> £	<u>Likely Case - Simple payback</u> years
Mayor's Court	39,995	24,125	6,755	3	40,825	6.0	63,448	9.4
Central Criminal Court	963,827	581,377	162,786	79	983,822	6.0	1,529,022	9.4
CoL Magistrates Court	42,150	25,425	7,119	3	43,024	6.0	66,867	9.4
Barbican Estate Office	27,522	16,601	4,648	2	28,093	6.0	43,661	9.4
21 New Street	223,614	134,883	37,767	18	228,253	6.0	354,743	9.4
Guildhall Complex	1,866,208	1,125,690	315,193	154	1,904,923	6.0	2,960,566	9.4
Walbrook Wharf	507,584	306,173	85,728	42	518,114	6.0	805,235	9.4
Artizan Street Library and Community Centre	46,348	27,957	7,828	4	47,310	6.0	73,527	9.4
Barbican Arts Centre	3,584,909	2,162,405	605,473	295	3,659,278	6.0	5,687,125	9.4
Bishopsgate Police Station	586,648	353,864	99,082	48	598,818	6.0	930,662	9.4
Mansion House	420,025	253,358	70,940	35	428,738	6.0	666,330	9.4
Roman Bath House	14,146	8,533	2,389	1	14,439	6.0	22,441	9.4
Portsoken Community & Health Centre	4,422	2,667	747	0.4	4,514	6.0	7,015	9.4
Portsoken Pavilion	7,150	4,313	1,208	0.6	7,298	6.0	11,343	9.4
City Information Centre, St Paul's Churchyard	2,860	1,725	483	0.2	2,919	6.0	4,537	9.4
Temple Bar & Paternoster Lodge	2,684	1,619	453	0.2	2,740	6.0	4,258	9.4
The Monument	418	252	71	0.0	427	6.0	663	9.4
<b>TOTAL</b>		<b>5,030,968</b>	<b>1,408,671</b>	<b>687</b>	<b>8,513,535</b>	<b>6.0</b>	<b>13,231,445</b>	<b>9.4</b>
TOTAL minus disposed/developed by 2028 buildings		<b>4,186,498</b>	<b>1,172,219</b>	<b>572</b>	<b>7,084,502</b>	<b>6.0</b>	<b>11,010,490</b>	<b>9.4</b>