

Part L 2021 Performance

Residential

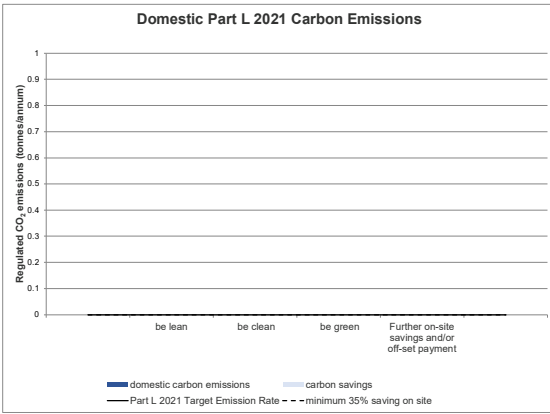
Table 1: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for residential buildings

	Carbon Dioxide Emissions for residential buildings (Tonnes CO <sub>2</sub> per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Compliant Development	0.0	
After energy demand reduction (be lean)	0.0	
After heat network connection (be clean)	0.0	
After renewable energy (be green)	0.0	

Table 2: Regulated Carbon Dioxide savings from each stage of the Energy Hierarchy for residential buildings

	Regulated residential carbon dioxide savings	
	(Tonnes CO <sub>2</sub> per annum)	(%)
Be lean: savings from energy demand reduction	0.0	0%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	0.0	0%
<b>Cumulative on site savings</b>	<b>0.0</b>	<b>0%</b>
Annual savings from off-set payment	0.0	-
(Tonnes CO <sub>2</sub> )		
Cumulative savings for off-set payment	0	-
Cash in-lieu contribution (£)	0	-

\*carbon price is based on GLA recommended price of £95 per tonne of carbon dioxide unless Local Planning Authority price is inputted in the 'Development Information' tab



Non-residential

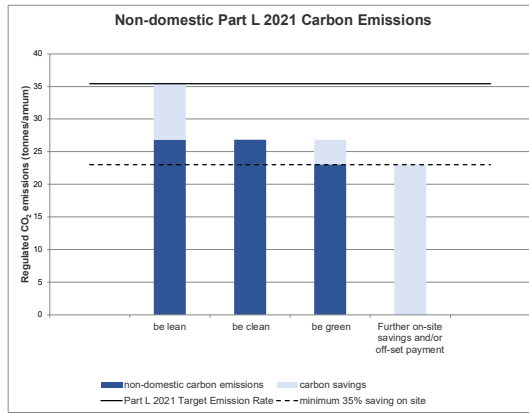
Table 3: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for non-residential buildings

	Carbon Dioxide Emissions for non-residential buildings (Tonnes CO <sub>2</sub> per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Compliant Development	35.4	40.0
After energy demand reduction (be lean)	26.8	40.0
After heat network connection (be clean)	26.8	40.0
After renewable energy (be green)	23.1	40.0

Table 4: Regulated Carbon Dioxide savings from each stage of the Energy Hierarchy for non-residential buildings

	Regulated non-residential carbon dioxide savings	
	(Tonnes CO <sub>2</sub> per annum)	(%)
Be lean: savings from energy demand reduction	8.6	24%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	3.8	11%
<b>Total Cumulative Savings</b>	<b>12.3</b>	<b>35%</b>
Annual savings from off-set payment	23.1	-
(Tonnes CO <sub>2</sub> )		
Cumulative savings for off-set payment	692	-
Cash in-lieu contribution (£)	65,735	-

\*carbon price is based on GLA recommended price of £95 per tonne of carbon dioxide unless Local Planning Authority price is inputted in the 'Development Information' tab



SITE-WIDE

	Total regulated emissions (Tonnes CO <sub>2</sub> / year)	CO <sub>2</sub> savings (Tonnes CO <sub>2</sub> / year)	Percentage savings (%)
Part L 2021 baseline	35.4		
Be lean	26.8	8.6	24%
Be clean	26.8	0.0	0%
Be green	23.1	3.8	11%
Total Savings	-	12.3	35%
	-	CO <sub>2</sub> savings off-set (Tonnes CO <sub>2</sub> )	-
Off-set	-	691.9	-

	Target Fabric Energy Efficiency (kWh/m <sup>2</sup> )	Dwelling Fabric Energy Efficiency (kWh/m <sup>2</sup> )	Improvement (%)
Development total	0.00	0.00	

	Area weighted non-residential cooling demand (MJ/m <sup>2</sup> )	Total non-residential cooling demand (MJ/year)
Actual	101.8	785,525
Notional	109.6	845,454

EUI & space heating demand (predicted energy use)

Residential

Building type	EUI (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Space heating demand (kWh/m <sup>2</sup> /year) (excluding renewable energy)	EUI value from Table 4 of the guidance (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Space heating demand from Table 4 of the guidance (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Methodology used (e.g. 'be seen' methodology or an alternative predictive energy modelling methodology)	Explanatory notes (if expected performance differs from the Table 4 values in the guidance)

Non-residential

Building type	EUI (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Space heating demand (kWh/m <sup>2</sup> /year) (excluding renewable energy)	EUI value from Table 4 of the guidance (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Space heating demand from Table 4 of the guidance (kWh/m <sup>2</sup> /year) (excluding renewable energy)	Methodology used (e.g. 'be seen' methodology or an alternative predictive energy modelling methodology)	Explanatory notes (if expected performance differs from the Table 4 values in the guidance)
All other non-residential	24,14946307	0.798317384	55	15	Part L2 - approved DSM & none	