

The applicant should complete all the light blue cells including information on the modelled units, the area per unit, the number of units, the TER/DER/BER and the TFE/DFEE.																					
RESIDENTIAL CO ₂ ANALYSIS (PART L1)																					
Unit identifier (e.g. plot number, dwelling type etc.)	Model total floor area	Number of units	Total area represented by model	Baseline		'Be Lean'		'Be Clean'		'Be Green'		Fabric Energy Efficiency (FEE)		Baseline		'Be Lean'		'Be Clean'		'Be Green'	
				TER	Energy saving/generation technologies (-)	DER	DER	DER	DER	Target Fabric Energy Efficiency	Dwelling Fabric Energy Efficiency	Part L 2021 CO ₂ emissions	Energy saving/generation technologies	Part L 2021 CO ₂ emissions	Part L 2021 CO ₂ emissions with National PV savings included	'Be Lean' savings	Part L 2021 CO ₂ emissions	Part L 2021 CO ₂ emissions with National PV savings included	'Be Clean' savings	Part L 2021 CO ₂ emissions	'Be Green' savings
	(m ²)		(m ²)	(kgCO ₂ / m ²) (Row 213)	(kgCO ₂ p.a.) (Row 205)	(kgCO ₂ / m ²) (Row 213 or 214)	(kgCO ₂ / m ²) (Row 213 or 214)	(kgCO ₂ / m ²) (Row 213 or 214)	(kWh/m ²)	(kWh/m ²)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	(kgCO ₂ p.a.)	
	87.85		87.85	13.93	-204.67	15.00	15.00	-6.14			945	-205	1,018	813	132	1,018	813	0	-8	823	

Part L 2021 Performance	
Residential	Non-residential

Residential

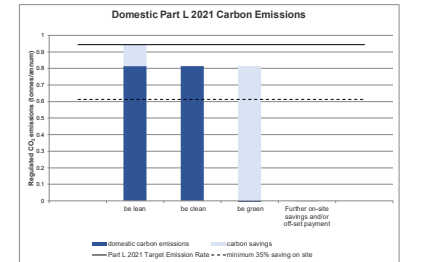
Table 1: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for residential buildings

	Carbon Dioxide Emissions for residential buildings (Tonnes CO ₂ per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Consistent Development	0.9	
After energy demand reduction (be lean)	0.8	
After heat network connection (be clean)	0.8	
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 ₂ per annum)	(%)
Be lean: savings from energy demand reduction	0.1	14%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	0.8	87%
Cumulative on site savings	1.0	101%
Annual savings from off-set payment	0.0	-
	(Tonnes CO ₂)	
Cumulative savings for off-set payment	0	-
Cash in-lieu contribution (£)	-27	

*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

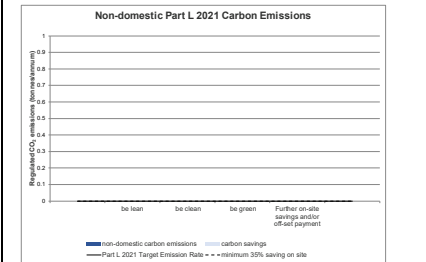
Table 3: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for non-residential buildings

Carbon Dioxide Emissions for non-residential buildings (Tonnes CO ₂ per annum)		
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Consistent 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 4: Regulated Carbon Dioxide savings from each stage of the Energy Hierarchy for non-residential buildings

	Regimented non-residential carbon dioxide savings	
	(\$/tonnes CO ₂ 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%
Total Cumulative Savings	0.0	0%
Annual savings from off-ast payment	0.0	-
	(/tonnes CO₂)	
Cumulative savings for off-ast payment	0	-
Cash in-lieu contribution (k)	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



SITE-WIDE

	Total regulated emissions (Tonnes CO ₂ / year)	CO ₂ savings (Tonnes CO ₂ / year)	Percentage savings (%)
Part L 2021 baseline	0.9		
Be lean	0.8	0.1	14%
Be clean	0.8	0.0	0%
Be green	0.0	0.8	87%
Total Savings	-	1.0	101%
	-	CO ₂ savings off-set (Tonnes CO ₂)	-
Off-set	-	-0.3	-

	Target Fabric Energy Efficiency (W/m ²)	Dwelling Fabric Energy Efficiency (W/m ²)	Improvement (%)
Development total	0.00	0.00	

	Area weighted non-residential cooling demand (MJ/m ²)	Total non-residential cooling demand (MJ/year)
Actual		
Notional		

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

	Area weighted non-residential cooling demand (MJ/m ²)	Total non-residential cooling demand (MJ/year)
Actual		
Notional		

EUI & space heating demand (predicted energy use)

Residential

Building type	EUI ($\text{MWh/m}^2\text{year}$) (including renewable energy)	Space heating demand ($\text{MWh/m}^2\text{year}$) (including renewable energy)	EUI value from Table 4 of the guidance ($\text{MWh/m}^2\text{year}$) (including renewable energy)	Space heating demand from Table 4 of the guidance ($\text{MWh/m}^2\text{year}$) (including renewable energy)	Methodology used (e.g. 'to user' methodology or an alternative predictive energy modelling methodology)	(If expected performance differs from the Table 4 values in the guidance)	Explanatory notes

[illegible][illegible]