

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 TFEE/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	Target Fabric Energy Efficiency	Desired 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)	(kWh/m ² / (Row 273))	(kWh/m ² / (Row 269))	(kWh/m ² / (Row 273 or 354))	(kWh/m ² / (Row 273 or 354))	(kWh/m ² / (Row 273 or 354))	(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.)
1	51.76	1	51.76	15.22	0.00	14.27	14.27	-2.88			785	0	739	739	46	739	739	0	-163	542
2	56.26	1	56.26	14.47	0.00	11.94	11.94	+ 47			811	0	760	760	52	760	760	0	561	159
3	51.76	1	51.76	14.87	0.00	13.84	13.84	15.14			770	0	716	716	53	716	716	0	525	192
4	56.26	1	56.26	15.62	0.00	14.63	14.63	11.18			879	0	823	823	56	823	823	0	624	199
Sum	4	216	216	15.0	0.0	14.1	14.1	7.4	0.0	0.0	3,248	0	3,038	3,038	210	3,038	3,038	0	1,607	1,431
NON-RESIDENTIAL CO ₂ ANALYSIS (PART L2)																				
Building Use	Model Area	Number of units	Total area represented by model	Baseline		'Be Lean'	'Be Clean'	'Be Green'			Baseline		'Be Lean'		'Be Clean'		'Be Green'			
				BRUKL TER	BRUKL Displaced electricity (-)	BRUKL DER	BRUKL DER	BRUKL DER			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
				(kgCO ₂ / m ²)	(kWh / m ²)	(kgCO ₂ / m ²)	(kgCO ₂ / m ²)	(kgCO ₂ / 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.)
Sum	0	0	0	0.0	0.0	0.0	0.0	0.0			0	0	0	0	0	0	0	0	0	0
SITE-WIDE ENERGY CONSUMPTION AND CO ₂ ANALYSIS																				
Total Sum	216	-	-	-	-	-	-	-			3,248	0	3,038	3,038	210	3,038	3,038	0	1,607	1,431

Part L 2021 Performance

Residential

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

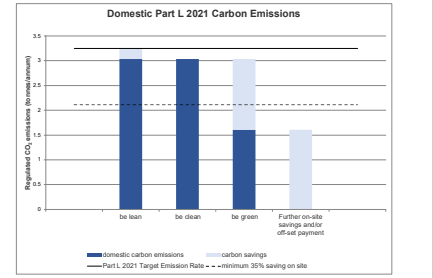
	Carbon Dioxide Emissions for residential buildings (Tonnes CO ₂ per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations	3.2	
Consistent Development	3.0	
After energy demand reduction (be clean)		
After heat network connection (be clean)	3.0	
After renewable energy (be green)	1.6	

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	0.2	6%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	1.4	44%
Cumulative on site savings	1.6	51%
Annual savings from off-set payment	1.6	-
	(Tonnes CO₂)	
Cumulative savings for off-set payment	48	-
Cash in-lieu contribution (£)	4,680	

*carbon price is based on GLA recommended price of £56 per tonne of carbon dioxide unless Local Planning Authority action is included in the 'Development Information' tab

Carbon price is based on UK Government's price of £15 per tonne of carbon dioxide unless Local Planning Authority price is included in the 'Development Information' tab



Non-residential

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

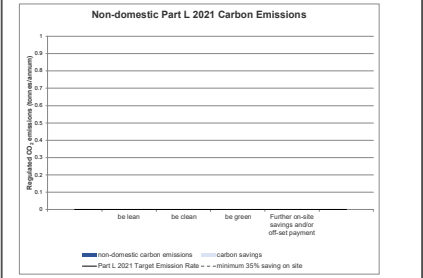
Carbon Dioxide Emissions for non-residential buildings (Tonnes CO ₂ per annum)		
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations	0.0	
Consultant Development		
After energy demand reduction (be lean)	0.0	
After heat network connection (be clean)	0.0	
After renewable energy (be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

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

	Regulated 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-set payment	0.0	-
	(Tonnes CO₂)	
Cumulative savings for off-set payment	0	-
Cash in lieu contribution (£)	0	

*carbon price is based on GLA recommended price of £35 per tonne of carbon dioxide unless Local Planning Authority price is included in the Development Information tab

carbon price is based on EPA recommended price of \$10 per tonne of carbon dioxide unless Local Planning Authority price is inputted in the 'Development Information' tab



SITE-WIDE

	regulated emissions (Tonnes CO ₂ / year)	CO ₂ savings (Tonnes CO ₂ / year)	Percentage savings (%)
Part L 2021 baseline	3.2		
Be lean	3.0	0.2	6%
Be clean	3.0	0.0	0%
Be green	1.6	1.4	44%
Total Savings	-	1.6	51%
	-	CO ₂ savings offset (Tonnes CO ₂)	-
Off-set	-	48.2	-

	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	EU EER (kWh/m ² /year) (excluding renewable energy)	Space heating demand (kWh/m ² /year) (excluding renewable energy)	EU EER value of the guidance (kWh/m ² /year) (excluding renewable energy)	Space heating demand from Table 4 of the guidance (kWh/m ² /year) (excluding renewable energy)	Methodology used (e.g. the same methodology or an alternative predictive energy modelling methodology)	Explanatory notes (If expected performance differs from the Table 4 values in the guidance)

Non-residential

[illegible]