

## Energy Efficiency Note (Plots 2 to 4) – August 2022

Land north of Cornells Lane, Widdington, Essex

Summary tables below for Plots 2-4 (excluding Plot 1) using data from Energy Statement (June 2021).

As seen below, even with the exclusion of Plot 1 the scheme is still achieving a CO<sub>2</sub> saving of 4.15 tonnes/year when compared to a gas baseline. This represents a 63.69% improvement over 2013 Building Regulations.

### Carbon Emissions Gas Baseline (Plots 2-4 only)

Element	CO <sub>2</sub> - Regulated (tonnes/year)	Total CO <sub>2</sub> Savings	% Saving
Baseline	9.03	0.00	0.00
Be Lean	8.46	0.57	6.31
After Heat Network	8.46	0.57	6.31
Be Green	4.88	4.15	45.96

### Carbon emissions Building Regulation's comparison (Plots 2-4 only)

Element	CO <sub>2</sub> - Regulated (tonnes/year)	Improvement %
Baseline	13.44	
Be Green	4.88	63.69%