



**CLEARSTONE
ENERGY**

WARLEY ENERGY HUB

Biodiversity Net Gain Report

Prepared by Clearstone Energy and Weddles |
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BIODIVERSITY NET GAIN SUMMARY REPORT

October 2024

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Issue Date		04/10/2024

1 SUMMARY

It is considered that the development if granted, would be subject to the biodiversity gain condition.

Based on the Statutory Defra Biodiversity Metric (published 12.02.2024), the pre-development biodiversity value of the onsite habitats is as follows:

The pre-development biodiversity value of the onsite habitats has been determined using the habitat condition assessments contained within the accompanying Preliminary Ecological Appraisal and the Statutory Defra Biodiversity Metric (published 12.02.2024), and are as follows:

- 14.90 Habitat Units
- 0.00 Hedgerow Units
- 0.00 Watercourse Units

No irreplaceable habitats are present on the application site.

No degradation activities have taken place which has altered the pre-development biodiversity value.

The pre-development habitats are reflected on the baseline UKHabs Plan (see figure 2 below) and contained within the accompanying metric.

Although the development will be submitted via a Development Zone Approach, the layout is considered to be fixed within the northern BESS site area, allowing for suitable habitat compensation to be delivered, (Post-development plan below) and entered into the metric (as a Draft Biodiversity Gain Plan). This comprises areas of:

- Mixed native scrub planting to the boundaries.
- Other Neutral Grassland positioned within open space to the east of the application site

Based on the Statutory Defra Biodiversity Metric calculations, the proposed development will result in an overall change in **Habitat Units to +40.60%** (+6.05 Habitat units).

This can be secured via the pre-commencement 'Biodiversity Gain Plan', secured as a condition.

All subsequent landscape plans / strategies submitted for approval must have due regard to habitat prescriptions provided within the user comments section of BNG metric to ensure that the targeted habitat and conditions will be achieved.

On-site baseline	Habitat units	14.90	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	20.96	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	6.05	40.60%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%
Off-site baseline	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change (units & percentage)	Habitat units	0.00	0.00%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	6.05	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Spatial risk multiplier (SRM) deductions	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
FINAL RESULTS			
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	6.05	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	40.60%	
	Hedgerow units	0.00%	
	Watercourse units	0.00%	
Trading rules satisfied?	Yes ✓		

Figure 1: Extract of BNG Metric showing Final Results



- Key
- Red Line Boundary
 - Target Notes
 - h2a - Hedgerow (priority habitat)
 - g3c - other neutral grassland
 - w1g - other woodland-broadleaved
 - h3h - mixed scrub
 - c1a - arable field margins
 - c1b - temporary grass and clover leys
 - c1c - cereal crops
 - u1b - developed land; sealed surface
 - u1c - artificial unvegetated unsealed surface



Job: CLEARSTONE WARLEY 2 BESS SITE			
Title: BASELINE (BESS SITE)			
Scale@A3: 2000:1	Drawn: NN	Date: 04/10/24	Drawing no. N/A



Key

- Red Line Boundary
- g3c - other neutral grassland
- h3h - mixed scrub
- c1c - cereal crops
- u1c - artificial unvegetated unsealed surface



Job: CLEARSTONE WARLEY 2 BESS SITE			
Title: POST-DEVELOPMENT (BESS SITE)			
Scale@A3: 2000:1	Drawn: NN	Date: 04/10/24	Drawing no. N/A