

The Statutory Biodiversity Metric Start page

Project details

Project details			
Planning authority:	North Hertfordshire		
Project name:	Radwell Bury Farm BESS, Baldock		
Applicant:	Balance Power Projects Limited		
Application type:	Full		
Planning application reference:	24/02713/FP		
Completed by:	Elvin Delaney		
Date of metric completion:	21 September 2026		
Reviewer:	Charlie Durigan		
Calculation iteration:	v3		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	3.58	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

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Cell style conventions

	Attention required
	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

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On-site baseline map

[Insert](#)

On-site baseline map reference number

Off-site baseline map

[Insert](#)

Off-site baseline map reference number

On-site post intervention map

[Insert](#)

On-site post-intervention map reference number

Off-site post intervention map

[Insert](#)

Off-site post-intervention reference number

The Statutory Biodiversity Metric Results

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Radwell Bury Farm BESS, Baldock
Headline Results
Scroll down for final results ▲

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On-site baseline	Area habitat units	7.26	
	Hedgerow units	6.08	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Area habitat units	10.97	
	Hedgerow units	8.68	
	Watercourse units	0.00	
On-site net change (units & percentage)	Area habitat units	3.71	51.17%
	Hedgerow units	2.59	42.61%
	Watercourse units	0.00	0.00%

Off-site baseline	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention (Including habitat retention, creation & enhancement)	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change (units & percentage)	Area 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)	Area habitat units	3.71
	Hedgerow units	2.59
	Watercourse units	0.00
Spatial risk multiplier (SRM) deductions	Area 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)	Area habitat units	3.71
	Hedgerow units	2.59
	Watercourse units	0.00
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Area habitat units	51.17%
	Hedgerow units	42.61%
	Watercourse units	0.00%
Trading rules satisfied?	Yes ✓	

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Area habitat units	10.00%	7.26	7.98	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	6.08	6.69	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	0.00	0.00	0.00	No additional watercourse units required to meet target ✓

Project Name: Redwood Park Farm BSSB, Haldock

Map Reference: A-1 On-Site Habitat Baseline

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Area habitat summary

Total Net Unit Change3.71

Total Net % Change81.17%

Trading Rules SatisfiedYes

Relating area habitats						Distinctiveness	Condition	Strategy significance	Required Action to Meet Trading Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (acres)	Distinctiveness	Condition	Strategy significance		Total habitat units	
1	Cropland	Cereal crops	No	3.5841	Low	Condition Assessment N/A	Awareness/compensation not in local strategy or local strategy	Below distinctiveness or better habitat required in local strategy	7.08	
2	Healthland and shrub	Mixed scrub	No	0.0527	Medium	Poor	Awareness/compensation not in local strategy or local strategy	Below distinctiveness or better habitat required in local strategy	0.21	
3										
4										
5										
6										
7										
				Total habitat area	3.63				7.29	
				Site Area (shading area of individual trees, green walls, interstitial hard structure)	3.63					

MP to landscape connection tool

Select a unit

Distinctness

MP

Area habitat summary						Comments			
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Respin compensation agreed for losses of VTOH or irreplaceable habitat	User comments	Planning authority comments	Habitat reference number
0	0	0.00	0.00	3.63	7.08				
0.0529	0	0.21	0.00	0.00	0.00				
0.08	0.00	0.21	0.00	3.63	7.08				
Total area lost (shading area of individual trees, green walls and interstitial hard structures)						3.63			

Project Name: Radwell Bury Farm BESS, Baldock Map Reference:
A-2 On-Site Habitat Creation

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Area habitat summary

Total Net Unit Change	3.71
Total Net % Change	61.17%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance		Temporal multiplier		Difficulty		Habitat units delivered	Comments		
				Distinctiveness	Condition	Strategic significance	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation	Final difficulty of creation	Final difficulty of creation		User comments	Planning authority comments	Habitat reference number
1	Grassland	Modified grassland	1.6393	Low	Good	Area/compensation not in local strategy/ no local strategy		Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	7	Low	7.66					
2	Heathland and scrub	Mixed scrub	0.3136	Medium	Moderate	Area/compensation not in local strategy/ no local strategy		Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	2.10					
3	Urban	Developed land, sealed surface	1.1566	Very Low	N/A - Other	Area/compensation not in local strategy/ no local strategy		Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00					
4	Urban	Sustainable drainage system	0.4147	Low	Moderate	Area/compensation not in local strategy/ no local strategy		Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	3	Medium	1.00					
6																	
6																	
7																	
8																	
0																	
Total habitat area			3.53											10.78			

Site Area (Excluding area of individual trees, green walls, intertidal hard structures) 3.53

M² to hectares conversion tool: Select a unit Hectares M²

Project Name: Radwell Bury Farm BESS, Baldock Map Reference:
B-1 On-Site Hedge Baseline

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Hedgerow summary	
Total Net Unit Change	2.89
Total Net % Change	48.81%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline
Ref	Hedge number	Habitat type	Length (m)	Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Total hedgerow units
1		Native hedgerow with trees - associated with bank or ditch	0.076	High	Moderate	Area/compensation not in local strategy/ no local strategy	Take the line to better	0.91
2								
3		Species-rich native hedgerow with trees - associated with bank or ditch	0.306	V High	Moderate	Area/compensation not in local strategy/ no local strategy	Like for like	4.90
4		Native hedgerow with trees - associated with bank or ditch	0.023	High	Moderate	Area/compensation not in local strategy/ no local strategy	Take for like or better	0.28
5								
6								
7								
8								
9			0.41					6.08

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0	0.076	0.00	0.91	0.00	0.00			
0.306	0	4.90	0.00	0.00	0.00			
0	0	0.00	0.00	0.02	0.28			
0.31	0.08	4.90	0.91	0.02	0.28			

Project Name: Radwell Bury Farm BESS, Baldock Map Reference:

B-2 On-Site Hedge Creation

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Hedgerow summary	
Total Net Unit Change	2.69
Total Net % Change	42.61%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge units delivered	Comments		
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation		User comments	Planning authority comments	Habitat reference number
1		Species-rich native hedgerow	0.051	Medium	Good	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	12	Low	0.40			
2		Species-rich native hedgerow	0.265	Medium	Good	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	12	Low	2.07			
3													
4													
5													
6													
7													
			0.32							2.47			

B-3 On-Site Hedge Enhancement

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Hedge row summary	
Total Net Unit Change	2.50
Total Net % Change	48.81%
Trading Rules Satisfied	Yes ✓

Baseline Habitats		Proposed habitat	Post intervention habitats										Hedge mile delivered	Comments		
Baseline ref	Baseline habitat		Change in distinctiveness and condition		Length (m)	Distinctiveness		Condition	Strategic significance		Temporal multiplier			Final difficulty of enhancement		
			Distinctiveness movement	Condition movement		Distinctiveness	Condition		Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)					
1	Native hedgerow with trees - associated with bank or ditch	Native hedgerow with trees - associated with bank or ditch	High - High	Moderate - Good	0.00	High	Good	Area compensation not in local strategy so local strategy	Standard time to target condition required	4	Low	1.31				
					0.08								1.31			