



RAG Assessment Summary

Grove Wood, Friston

Broom Covert, Sizewell

East Anglia ONE NORTH and East Anglia TWO

October 2018

RAG Assessment – Methodology

- Comparison between similar sites (optimal locations), assessed separately
 - 2 x SPR substations RAG
 - 1 x NG substation RAG
- Development considerations on **23** (SPR) and **22** (NG) parameters:
 - Community, property & planning
 - Landscape & visual
 - Engineering
 - Ecology
 - Archaeology
 - Hydrology / hydrogeology
- Ranking: defined parameters, professional judgement or relative to other options
- Red score does not eliminate an option

RAG Assessment - Substation Results

Criteria	Option EDF (Fig3.3)	Option EDFa (Fig3.3)	Option W1 (Fig6.1)	Option W1a (Fig6.1)
Archaeology				
Proximity to National Designations – SMs, Grade 1 Listed Buildings			<500m but screened by woodland	<500m of Listed Building
Proximity to Regional Designations – Local Historic Environment Records, grade II Listed Buildings	<500m of HER monument	<500m of HER monument	<500m but screened by woodland	<500m of HER record
Ecology				
Proximity to National Designations – SSSI / SPA	<500m to SPA / SSSI	<500m to SPA / SSSI		
Proximity to Local Designations – Local Nature Reserves (LNR) / Suffolk County Wildlife Site	<500m to Sizewell Belts Nature Reserve	<500m to Sizewell Belts Nature Reserve		
Proximity to mature woodland	<500m to mature woodland	<500m to mature woodland	Cable route requires removal of mature woodland	Cable route requires removal of mature woodland
Landscape – see Appendix B for explanation of RAG scoring				
Potential to affect the special qualities of the AONB				
Proximity to Special Landscape Areas (SLA)				
Landscape character and sensitivity to development				
Opportunity to utilise existing features for screening				
Visual sensitivity to development				
Hydrology / hydrogeology				
Proximity to licenced abstraction points				
Presence of potentially contaminated land				
Source Protection Zone			Within SPZ2	Within SPZ2
Proximity to fluvial flood risk	<500m to FZ3	<500m to FZ3		
Engineering				
Site efficiency				
Highway access (construction and operational)	Access via Sizewell Gap Road	Access via Sizewell Gap Road		

RAG Assessment – Substation Results

Criteria	Option EDF (Fig3.3)	Option EDFa (Fig3.3)	Option W1 (Fig6.1)	Option W1a (Fig6.1)
Proximity to high voltage electrical transmission infrastructure (overhead lines)				
Community				
Presence of residential properties			Properties <250m but screened by woodland	
PRoW / National trails (NT)		Crosses public footpath		Crosses public footpath
Agricultural Land Classification	ALC Zone 2 or 3		ALC Zone 2 or 3	ALC Zone 2 or 3
Sensitive land uses (schools and hospitals)				
Property				
Number of landowners				
Planning				
Current planning applications or knowledge of other developments	Proposed Sizewell C reptile mitigation land	Proposed Sizewell C reptile mitigation land		
SCORE	1 red 9 yellow 15 green	1 red 9 yellow 15 green	1 red 2 yellow 20 green	1 red 5 yellow 17 green
ZONE SCORE	2 red 18 amber 26 green		2 red 7 amber 37 green	