



IC Ramping CBA

Options Shortlisting Analysis

National Grid - ESO

07/02/2023



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Proposed options

We have refined/clarified the initial options with ESO (where applicable) which we shall shortlist

		Option	Initial options with modifications (<i>italicised</i>)
1 			

Shortlist Criteria and Scores

Criteria	Sub criteria	Baseline	Options						
		100MW/ min (2C)	1A	1B	2A	2B	3A	3B	3C
Adaptability	Ease of codifying in the Grid Code	○	●	●	●	●	●	○	○
Commercial impacts	Change required to external arrangements (i.e. external tripartite agreements)	○	○	●	●	●	●	○	○
	Interconnector revenue impact should be calculable	○	●	●	●	●	●	●	●
	ESO Balancing costs should be calculable from analysis	○	●	●	●	●	●	○	○
Compatibility with other users	Similarity to other grid code arrangements (e.g. generators)	○	●	●	●	●	●	●	●
Decarbonisation	Decarbonisation impact is calculable	○	●	●	●	●	●	○	○
Energy Security and system operability	Decrease likelihood of frequency events	○	●	○	○	●	●	○	○
GB/Europe Consumer Benefit	Modelling can demonstrate consumer benefit or cost	○	●	●	●	●	●	●	●
Implementation	Ease of implementation	○	○	●	●	●	●	○	○
	Implementation cost	○	●	●	○	●	●	●	●
	Speed of implementation	○	●	●	○	●	●	●	●
Interoperability with Europe	Technically viable with European GCs and technological constraints	○	●	●	●	●	●	●	●
	Non-discriminatory to current or future interconnectors	○	●	●	●	●	●	●	●
	Minimise operational costs on (other) both TSOs.	○	○	○	○	○	○	○	○
Modelling Viability	Data availability	○	●	●	●	●	●	●	●
	Publicly available data	○	○	●	●	●	●	●	●
	Modelling duration	○	●	●	●	●	●	○	○
	Modelling accuracy	○	●	●	●	●	●	●	●
Overall Score		0	28	45	29	63	55	-1	-1



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