Weston - Basford Sidings 33kV reinforcement

Just



Flexibility

Tenderina

Open

Reinforce, supported by flexibility



The SP Manweb (SPM) network in the Crewe, Weston, Alsager, Sandbach, Radway Green, Nantwich and Coppenhall areas of Mid Cheshire is supplied from Cellarhead GSP. The 33kV network group (Crewe/ Coppenhall/Whitchurch/Radway Green) supplies ca. 80,000 customers, which includes 8 major industrial customers and Sandbach M6 motorway services. Neighbouring Weston and Basford Sidings substations are two of 32 primary substations within the group.

Fle> Risk

Pea

Fle Fle

				0		
Constraint	THERMAL Demand and LCT growth in growth in rapid charging at exceed the capacity of the that the thermal loading of expected to exceed its cap	n this group, which i t Sandbach motorw 33kV group. Detail f the 33kV Weston – pacity during the RII	ty for to cate s	We are tendering for flexibility services at this location. More information is available on the <u>PICLO Flex website</u>		
Decision	Reinforce, supported by the Basford Sidings end of customer connection at Ho overhead line between We and overlay 0.8km UG cab higher capacity cable. Con during the project delivery	flexibility f the circuit is being bugh. This works wil eston and Hough wit de section between atract flexibility serv c	le a ork	Technical Appraisal		
ustification for decision	The cost of deferring reinformoney than the circuit rein to start in 2025/26, using f tender for flexibility in this we are using the most effici	orcement with flexib forcement. Therefor lex to help manage area before the rein cient intervention.	e for ned ue to ure	More detailed technical information on the nature of the constraint, network impacts, solutions considered and selected intervention		
Flexibility product	Scheduled Utilisation			are available in this scheme's Engineering Justification Paper		
Constraint season(s)	Winter					
Flexibility guide price	Availability fee up to £130 . Utilisation fee up to £/MW	/MW/hr /h	procure	ed	To ensure that our plans and publications	
einforcement timescale	2027/28			cover the needs of our stakeholders,		
2024/25	2025/26	2026/27 991.5	2027/28 4,703.0		welcome ongoing feedback.	

Feedback can be emailed to: systemdesignteam@spenergynetworks.co.uk

Last updated: 26/04/24

Reinforcement timescale 2027/28									
ibility position at March 2024	2023/24	2024/25	2025/26	2026/27	2027/28				
duration (hours)	-	-	-	991.5	4,703.0				
(flexibility required (MW)	-	-	-	3.6	8.0				
ibility procured (MW)	-	-	-	4.6	0.0				
ible MW capacity met (%)	-	-	-	>100%	0%				