

2.6 Published Wider Works

Project/ Project Component	Project Type (Baseline or Strategic Wider Work)	Area / Transmission Boundary	Increase in Transfer Capacity (MW) or system benefits to be delivered	Current Project Stage: 1. Scoping 2. Optioneering 3. Design 4. Planning 5. Construction	Progress	Licence Delivery Date	Expected Delivery Date	Agreed Allowance £'m	Weblink (where available)
4400MW upgrade	Baseline	Boundary B6	1100	5	MSCDN Longannet completed March 2016 with Cockerzie completed April 2016. Series Compensation completed at Gretna North and Moffat with one unit completed at Eccles in Dec '15 and a second unit at Eccles completed August 2016. East-West works complete: Sineson, Strathaven, Kalmes (inc. XJ Route) and Wishaw (inc. XH Route) works completed by December 2016. Torness/Eccles (Circuit 2) 400kV cable upgrade completed in August 2017, with Torness/Eccles (Circuit 1) 400kV cable completed in April 2018.	2015/16	2018/19	144.69	MSCDN & Series Compensation Webpage. www.spenergynetworks.co.uk
Western HVDC	Baseline	Boundary B6	2150	5	Following completion of commissioning, the operation and ownership of the HVDC Western Link was handed over to NGET & SP Transmission on Friday 22nd of November 2019.	2016/17	2018/19	342.94	HVDC Webpage. www.spenergynetworks.co.uk
Hunterston Kintyre link	Baseline	Hunterston	240	5	The project was completed with the Crossaig-Hunterston East No. 1 and No.2 circuits; Commissioned in December 2015 and February 2016 respectively.	2015/16	2015/16	19.96	Hunterston - Kintyre Webpage. www.spenergynetworks.co.uk
South West Scotland	Baseline	0	voltage support	5	The RIIO-T1 plan included provision for voltage support at Kilmarnock South to secure the network following the cessation of generation at Hunterston 'B'. The subsequent announcement of life extension at Hunterston required a review of the ScottishPower network in that area. Based on this review, requirements for Shunt Reactive Compensation at 7-off sites was identified. Commissioning has been completed at all seven sites: Kilmarnock South, Moffat & Coalburn (2017), Crystal Rig & Markhill (Q3 2018), Eccles and Ewanfoot (Q3 2019) providing Reactive Compensation availability to the network.	0	0	15.93	SWS Webpage. www.spenergynetworks.co.uk
East Coast 400kV Onshore Upgrade	Strategic Wider Work	Boundary B4	c1300	3	The East Coast 400kV onshore upgrade project was included in the T1 submission as an "either 1 or" option. The need case for the project has been subject to further cost benefit modelling undertaken through the Network Options Assessment (NOA) process. The January 2020 NOA report recommended that the East Coast 400kV onshore upgrade project option proceed. Environmental and stakeholder work continues to progress, as does early Engineering Design, working closely with SHE Transmission.	TBC	2026	TBC	East Coast 400kV Upgrade Project. www.spenergynetworks.co.uk
Central 400kV Onshore Upgrade	Strategic Wider Work	Boundary B5	c600	2	The Central 400kV Upgrade project was included in the T1 submission as an "either 1 or" option. Following a cost benefit analysis (CBA), the Central project was selected for development. The need case for the project has recently been subject to further cost benefit modelling undertaken through the Network Options Assessment (NOA) process. The January 2020 NOA report recommended that Central 400kV Upgrade project proceed. Environmental and stakeholder work will continue to be progressed, with preliminary route designs being assessed. As part of the RIOT2 business plan, details of current progress in the Transmission Owners joint working group is noted - with emphasis on the SPT requirement during RIIO-T2, explaining the need for coordinated reinforcement on the eastern side of the GB Transmission network, from boundary B2 - B8	TBC	2028	TBC	RIOT2 Business Plan - Annex 4. www.spenergynetworks.co.uk
Dumfries and Galloway	Strategic Wider Work	Dumfries and Galloway	enable entry connections	3	Dumfries and Galloway Strategic Reinforcement - Conclusions Report submitted to Ofgem in July 2016. Cost benefit analysis prepared for SWW Initial Need Case recommended that a reduced scheme is progressed, now known as the Kenedon to Tongland Reinforcement (KTR) project. The new KTR project has been consulted on in 2016 and 2017. This will be progressed under a different set of regulatory mechanisms - no longer a SWW project.	TBC	2025	TBC	KTR Webpage. www.spenergynetworks.co.uk
Eastern HVDC	Strategic Wider Work	Boundary B4 & B6	2200(B4) 2000(B6)	2	While the NOA report published in March 2016 did not recommend that this development proceed, the January 2017, 2018, 2019 & 2020 NOA recommendations were to proceed with development works to meet the Earliest In Service Date. In the 2020 NOA a proceed signal was received for two mutually exclusive options (connection to Hawthorn Pit 2027 and to Cottam 2028). After further discussion with NGENSO it was agreed that Hawthorn Pit was to be prioritized, the update provided is therefore based on the Hawthorn Pit option. The next phase of development is the submission of a Strategic Wider Works Initial Needs Case by the three onshore TOs, this document has been drafted and is under review. Routing studies are in progress and environmental studies will be started in the near future.	TBC	2027 2028	TBC	RIOT2 Business Plan - Annex 4. www.spenergynetworks.co.uk