

Totex
Scottish Power Transmission
2018/19

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 Cockenzie 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. Smeaton, Strathaven, Kalmes and Wishaw works completed by December 2016. Tarness/Eccles (Circuit 2) 400kV cable upgrade completed in August 2017, with Tarness/Eccles (Circuit 1) 400kV cable completed in April 2018.	2015/16	2018/19	144.69	0
Western HVDC	Baseline	Boundary B6	2150	5	All main construction works complete. The 400kV cable termination failure at Hunterston which delayed completion was successfully repaired during 2017. The project has experienced some challenges which have contributed to the delay of which detail is set out in the Post Commissioning Report submitted to Ofgem in March 2018 and February 2019. A main cable fault in April 2019 is presently being repaired at the time of this narrative entry with return to service expected at the end of May 2019 (events may supesede the timing of this submission and a separate communication is made to Ofgem on this).	2016/17	2018/19	331.60	0
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	19.30	0
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 five out of the seven sites: Kilmarnock South, Moffat & Coalburn (2017), Crystal Rig & Markhill (Q3 2018). The two remaining sites, Eccles and Elvanfoot, currently have forecast commissioning dates in Q3 2019, providing Reactive Compensation availability to the network thereafter.	0	0	15.93	0
East Coast 400kV Onshore Upgrade	Strategic Wider Work	Boundary B4	c1300	2	The East Coast 400kV onshore upgrade project was included in the T1 submission as an "either \ 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 2019 NOA report recommended that the East Coast 400kV onshore upgrade project option proceed. Environmental and stakeholder work will continue to be progressed, working closely with SHE Transmission.	TBC	2026	TBC	0
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 \ 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 2019 NOA report recommended that Central 400kV Upgrade project proceed. Environmental and stakeholder work will continue to be progressed, working closely with SHE Transmission.	TBC	2028	TBC	0
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 Kendoon 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	2023	TBC	0
Eastern HVDC	Strategic Wider Work	Boundary B6 & B4	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 NOA recommendations were to proceed with development works to meet the Earliest In Service Date. This requires that the HVDC options are considered alongside the onshore alternative, which is currently being assessed jointly by the three onshore TOs with the support of the ESO in preparation for the submission of an Strategic Wider Works initial needs case in 2020.	TBC	TBC	TBC	0