

**Totex**  
**Scottish Power Transmission**  
**2016/17**

**2.6 Published Wider Works**

| Project/<br>Project Component | Project Type<br>(Baseline or Strategic<br>Wider Work) | Area / Transmission<br>Boundary | Increase in Transfer<br>Capacity (MW) or system<br>benefits to be delivered | Current Project Stage:<br>1. Scoping<br>2. Optioneering<br>3. Design<br>4. Planning<br>5. Construction | Progress  | Licence Delivery<br>Date | Expected Delivery<br>Date | Agreed Allowance<br>£'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 1-off unit completed at Eccles in Dec '15 - 1-off further unit at Eccles completed August 2016. East-West works completed at Smeaton and Strathaven, work at Kaimes and Wishaw forecast was completed December 2016, with Torness forecast for completion Q3 2017   | 2015/16                  | 2017/18                   | 139.90                  | <a href="#">0</a>         |
| Western HVDC                  | Baseline  | Boundary B6                     | 2150  | 5  | Hunterston Converter is connected to the Transmission System via Hunterston East and is live and undergoing final commissioning. Marine works is progressing well with all marine and land cable in Scotland now laid. A short section of marine cable (60km) in the NGET area is still to be installed. Once complete final commissioning is planned in 2017.  | 2016/17                  | 2017/18                   | 331.60                  | <a href="#">0</a>         |
| 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                   | <a href="#">0</a>         |
| Kilmarnock South              | 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 requirements of our network in that area. Based on this Shunt reactive compensation at 7-off sites including Kilmarnock South progressed into construction with a completion date of Q2 2017 (July). The remaining sites (Coalburn, Crystal Rig, Eccles, Elvanfoot, Mark Hill & Moffat) are also due to connect by Autumn 2017.  | 00/01/1900               | 00/01/1900                | 15.40                   | <a href="#">0</a>         |
| East Coast/Central            | Strategic Wider Work                                  | Boundary B4 & B5                | c1700 (B5)  | 2  | The East Coast 400kV onshore upgrade and Central 400kV Upgrade projects were included in the T1 submission as "either \ or" options. Following a cost benefit analysis (CBA) of each, the Central project was selected for development. The need case for these projects is currently subject to further cost benefit modelling being undertaken through Network Options Assessment (NOA) process.<br><br>The East Coast project has therefore been noted as Complete in Table 6.8. The Central project has therefore been noted as not started in Table 6.8 as further environmental and stakeholder work would be required if this is identified as a project to take forward in the NOA process. | TBC                      | TBC                       | TBC                     | <a href="#">0</a>         |
| Dumfries and Galloway         | Strategic Wider Work                                  | Dumfries and Galloway           | enable entry connections  | 2  | 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 was consulted on between October and December 2016 and will be progressed under a different set of regulatory mechanisms – no longer a SWW project.   | TBC                      | TBC                       | TBC                     | <a href="#">0</a>         |
| Eastern HVDC                  | Strategic Wider Work                                  | Boundary B6 & B4                | 2200(B4) 2200(B6)   | 2  | While the NOA report published in March 2016 did not recommend that this development proceed, the January 2017 NOA recommendation is to proceed with development works to meet the Earliest In Service Date. This requires that the HVDC options are considered alongside the onshore alternatives and the next phase of development is likely to consist of the preparation of a Strategic Wider works initial needs case by the three onshore TOs   | TBC                      | TBC                       | TBC                     | <a href="#">0</a>         |