

GB SQSS Review – Design of Generation Connections (GSR003)

Terms of Reference for GB SQSS WG

Objective To review the deterministic criteria cited in section 2 of the SQSS for the design of generation connections.

Detailed Objectives

- 1) To review clauses 2.8, 2.9, 2.10, 2.12 and 2.13 and reconcile these with the licensee's obligation to develop the transmission system in an economical, efficient and co-ordinated manner.
- 2) To examine situations where generators are seeking to connect via radial transmission lines to remote areas of the transmission system with limited capacity, which may trigger significant reinforcement of the transmission system.
- 3) To consider the pre-BETTA connection design standard PLMSP1, since it was intended that there should be no material impact on standard harmonisation.
- 4) Under the conditions outlined in paragraph 2 above, to review the most appropriate deterministic planning criteria that should be applied for transmission connection of a diverse collection of renewable generation. This to include consideration of the most appropriate secured events eg (N-1) or (N-D), the levels of generation output and the levels of system demand.
- 5) To take cognisance of the wind generation diversity and intermittency and consider a cost benefit approach similar to that being adopted for MITS proposals for generation connection.

Constitution

The team comprises membership from National Grid, ScottishPower Transmission, Scottish Hydro Electric Transmission and Ofgem. The team is to be chaired by the Network Development Manager, ScottishPower and the secretariat will be provided by SHETL. The working group may appoint external consultants to help in undertaking detailed technical and cost/benefit work.

Reporting The team will report to the GB SQSS Review Group

Scope The following areas are out of scope of the review:-

- Changes to current market NETA + BETTA market arrangements are out-of-scope.

- Detailed drafting changes to articulate the difference between Registered Capacity and Transmission Entry Capacity ('TEC') are out of scope.
- The current consultation on GB generation access arrangements is out of scope.

Meetings

The team will meet approximately monthly, probably alternately in England & Scotland