

GB SQSS Review – Onshore Infrastructure Terms of Reference

Objective To plan the correct level of transmission infrastructure for all generation sources, including renewables.

Detailed Objectives:

1. Prepare scenarios and develop models to investigate the appropriate treatment of Intermittent vs Conventional generation in SQSS, with regard to the MITS criteria (chapter 4).
2. Review the wording of the SQSS, to determine whether there is a need to specify different treatment of Conventional and Intermittent generation. If so, develop appropriate drafting changes.
3. Review whether we learn anything from European treatments of Intermittent generation in security standards, and in particular take account of any emerging messages from the incident of 4/Nov/2006.
4. Hold at least one public workshop, presenting work in progress.
5. Delivered results which have been open to consultation, and a report with recommendations and proposed drafting changes (if any).

Constitution The team comprises membership from National Grid, Scottish Power (Transmission), Scottish Hydro Electric Transmission, and Ofgem. The team is chaired by the System Development and Connections Manager, National Grid. Secretariat will be supplied by National Grid.

Reporting The team reports to the GB SQSS Review.

Scope The following issues are out of scope:

- The basic framework of the SQSS will be taken as given, namely that the MITS basic criteria comprise a deterministic minimum level, supplemented by cost-benefit variations.
- It is assumed that the current SQSS does deliver an appropriate balance of security and economics for Conventional generation.
- Changes to the current NETA + BETTA market arrangements, in particular Constraint payments, are out-of-scope.
- Precedence rights for access are out-of-scope.
- 'Intermittent' will primarily mean onshore and offshore Wind. We are likely to posit maximum levels of other Intermittent sources, beyond which we would expect that the SQSS would need re-opening.
- Detailed drafting changes, to articulate a difference between Registered Capacity and Transmission Entry Capacity ('TEC'), are out-of-scope.

Meetings The team will meet approximately monthly, probably alternately in England and Scotland.