

**National Electricity Transmission System Security and Quality of Supply Standards
Sub-Synchronous Oscillations (SSO) Workgroup
TERMS OF REFERENCE**

Governance

1. The Sub-Synchronous Oscillations (SSO) Workgroup was established by the National Electricity Transmission System Security and Quality of Supply Standards (NETS SQSS) Review Panel at the 02 April 2014 NETS SQSS Review Panel meeting.
2. The Workgroup shall formally report to the NETS SQSS Review Panel.

Membership

3. The Workgroup shall comprise a suitable and appropriate cross-section of experience and expertise from across the industry, which shall include:

Name	Role	Representing
Graham Stein	Chair	-
Nick Martin	Technical Secretary	-
Bieshoy Awad	National Grid SO Representative	National Grid
Andrew Dixon	National Grid SO Representative	National Grid
Danson Joseph	National Grid TO Representative	National Grid
Cornel Brozio	Industry Representative	SPT
David Adam	Industry Representative	SPT
Yash Audichya	Industry Representative	SHET
Alastair Frew	Industry Representative	Scottish Power
Lorna Short	Industry Representative	RWE
Ankit Patel	Industry Representative	SSE
John Reilly	Industry Representative	EDF
Mayure Daby	Authority Representative	Ofgem

Meeting Administration

4. The frequency of Workgroup meetings shall be defined as necessary by the Workgroup chair to meet the scope and objectives of the work being undertaken at that time.
5. National Grid shall provide technical secretary resource to the Workgroup and handle administrative arrangements such as venue, agenda and minutes.
6. The Workgroup will have a dedicated section on the National Grid website to enable information such as minutes, papers and presentations to be available to a wider audience.

Scope

7. The Workgroup shall consider and report on the following:
 - The need to include SSO related provisions within the NETS SQSS;
 - The SSO phenomena that needs to be considered;
 - The definition of acceptable or unacceptable SSO conditions;
 - The operating conditions and secured events for which acceptable or unacceptable SSO conditions should be assessed; and
 - The requirement for changes to the Grid Code arising from the Workgroup's proposals.

Deliverables

8. The Workgroup shall provide verbal updates and a Workgroup Report to the NETS SQSS Review Panel which will:
 - Detail the findings of the Workgroup;
 - Draft, prioritise and recommend changes to the NETS SQSS and any associated documents in order to implement the findings of the Workgroup; and
 - Highlight any consequential changes which are or may be required.

Timescales

9. It is anticipated that this Workgroup shall provide a verbal update to each NETS SQSS Review Panel meeting and present a Workgroup Report to the April 2015 NETS SQSS Review Panel meeting.
10. The Workgroup will provide a written progress update to the October 2014 NETS SQSS Review Panel meeting including details of the programme of work remaining required to meet its target Workgroup Report date.
11. If the Workgroup is in existence for more than one year, there is a responsibility for the Workgroup to produce a yearly update report, including but not limited to; current progress, reasons for any delays, next steps and likely conclusion dates.