

## Grid Code Review Panel

### Report to the GCRP from the Operational Intertrips working group.

1. The Operational Intertrips Working group has had one meeting since the last GCRP on the 16<sup>th</sup> December 2003. At this meeting the Terms of reference were reviewed and accepted. A copy of the terms of reference is attached as Appendix 1 to this report for information.
2. The working group discussed the background and issues highlighted in GCRP papers 03/21 and 02/27. As with the previous discussions at the Grid Code Review Panel, pre vesting legacy arrangements and the clarification of why and when NGC would request the installation of an Operational Intertrip during a connection application were the main concerns.
3. NGC noted that if a Generator wished NGC to review the arrangements specified in existing Bilateral Connection Agreements the route was to discuss this with the NGC account manager in Customer Agreements.
4. NGC clearly stated that it did not routinely require all new connections to install an Operational Intertrip. The possible requirement to install an Intertrip would normally arise during discussions with prospective connectees following detailed study work. The usual reasons why NGC discussed the option of an Intertrip were:
  - to avoid possible impacts on third parties (e.g. islanding),
  - the timescales in which reinforcements could be progressed,
  - as an alternative to transmission reinforcements for maintenance outage conditions
5. Other circumstances where an Operational Intertrip would be discussed included a specific request from the connectee concerned to protect the generator. NGC may also enter into discussion with parties at any time on the installation of an Intertrip as a commercial service.
6. NGC remained of the opinion that the requirement for an Intertrip was derived from the application of the Security and Quality of Supply Standard and the subject of discussion with the connectee following detailed system studies. Therefore, the Grid Code was not and could not be any more specific on the requirement to install an Intertrip other than deferring to the requirements detailed in the Bilateral Connection Agreement. Although NGC accepted that the information available to potential connectees should be reviewed and improved if possible. NGC also agreed that the detail in the CUSC Bilateral Connection Agreement appendices proforma may be an area requiring review.
7. In the case of early connection prior to completion of infrastructure works NGC explained that this would be subject to Ofgem granting a derogation from the planning standards.
8. NGC took away several actions, including:
  - Reviewing the current exchange of information in relation to arming an Operational Intertrip in the Grid Code. NGC is producing draft text for the working group to review which includes changes to Operating Code 2, Balancing Code 1 and Balancing Code 2.

- Reviewing and improving the information available to new connectees in relation to the possible need to install an Operational Intertrip.
  - Clarifying the linkage between the Grid Code obligations and the requirement of the Bilateral Connection Agreement. NGC is drafting text for the Connection Conditions in order to achieve this.
  - Considering the impact on other Core Industry documents, specifically the CUSC, and any clarifying changes, such as greater detail in the Bilateral Connection Agreement technical appendices.
9. NGC is currently working on these actions and will arrange the next meeting when these are complete. This is likely to be in March 2004. Following the working group meeting the RWE representative questioned the validity of the working group. This was based on the fact that NGC insists that the requirement for an Operational Intertrip is derived from the Security and Quality Standard and bilateral discussions with a connectee and thus the Grid Code is not the correct document to detail any requirement for an Intertrip.
10. The Panel is invited to discuss, based on the progress made at the first meeting, as discussed above, whether the working group should continue. NGC firmly believe that there is value in clarifying the arrangements in the Grid Code in relation to Operational Intertrips and therefore believe the working group should continue.

P Hynes  
Working Group Chairman  
12 February 04

Appendix 1

**GCRP Working Group**

**Operational Intertripping Schemes**

**Terms of Reference**

**Membership**

Patrick Hynes (Chair)	National Grid
John Norbury	Innogy
Isabelle Haigh	National Grid
Claire Maxim	Powergen
Alan Robinson	PX limited
David Paradine	National Grid
John Morris	British Energy

**Terms of Reference**

1. To consider the issues contained in GCRP 03/21.
2. To discuss and agree a generic definition(s) for an Intertripping scheme.
3. To discuss the generic technical requirements for an Intertripping scheme.
4. To consider and identify, in the context of Grid Code, the circumstances under which a User would be required to install an Intertripping scheme or modify / extend an existing intertripping scheme.
5. To consider the current process and requirement for utilisation of Intertripping schemes in the Grid Code and identify any changes believed to be necessary.
6. To consider the consequences of application of the above with respect to existing intertripping schemes.
7. To consider if it is appropriate to address any of the wider issues raised in GCRP 03/21 in respect of a Grid Code Working Group.
8. To consider changes to the Grid Code that in relation to the above would be appropriate.
9. The membership of the working group will be drawn from interested parties.
10. The working group will aim to complete its work and submit a final report to the GCRP by April 04.