

Technical Standards and the Grid Code

21 October 2004

Introduction

NGT has undertaken and is undertaking a number of initiatives that show a commendable desire to enhance the transparency of its dealings with other members of the electricity industry. In line with this goal, this note highlights some additional standards that could be added to the existing list of electrical standards that are now contained in an annex to the General Conditions of the Grid Code.

1. Grid Code Background: Under CC6.2.1.2 (b) NGC is required at all times to maintain a list of those Technical Specifications and additional requirements which might be applicable under CC.6.2.1.2 and which may be referenced by NGC in the Bilateral Agreement. NGC shall provide a copy of the list upon request to any User. NGC shall also provide a copy of the list to any new User upon receipt of an application form for a Bilateral Agreement for a new Connection Point.

The NGTS / procedures listed below have been specified in one or more recent Connection Offer(s) issued by NGC as a User requirement contained in Appendix F to the Bilateral Connection Agreement. As such they have a material impact on Users.

In accordance with the procedure set out in Grid Code General Conditions 11, it is proposed that the following NGTS are included within Electrical Standards (a) of Annex to the General Conditions.

2. NGTS for Inclusion:

- a. NGTS 3.1.2: Earthing requirements, including short-circuit withstand current and rise of earth potential.
  - b. NGTS 3.7.6: Requirements for the User's interface with the NGC substation synchronising system, including the provision of voltage measurements.
  - c. NGTS 3.24.1 (Communications) and 3.24.68, 3.24.69, 3.24.70 and 3.24.71 (System Monitor): Specification for the supply and installation of system monitoring equipment.
  - d. NGTS 3.24.72, NGTS 3.9.11: Details of the Operational Metering Summator (OMS) to be complied with for the provision operational metering.
  - e. NGC Transmission Procedure 106: Standard applied to the commissioning of protection systems
  - f. A number of the above NGTS contain a requirement to comply with other NGTS. We suggest these "embedded" NGTS are identified and similarly listed as Electrical Standards
3. Way Forward: If there are other standards or procedures that NGC think should be included, we suggest that these are added by NGC to the list and the inclusion taken in one go. However, we would not wish to delay inclusion of these standards and procedures and would suggest it does not need any more than someone quietly trawling through to check.