

**Grid Code Working Group**  
**Power Park Modules and Synchronous Generating Units**  
**Terms of Reference**

**Objectives**

A paper was presented to the February GCRP highlighting a number of Grid Code related issues that GCRP members agreed need re-considering in the light of experience. The GCRP recommended establishing this working group. The objective of the group is to discuss the issues and proposals under 'Scope of Work' and agree a way forward regarding possible modifications to the Grid Code.

**Membership**

The membership of the working group will be drawn from the GCRP or their nominated representatives, the Relevant Transmission Licensees and Ofgem.

**Scope of Work**

The group will consider the following issues, as agreed by the GCRP:

- (a) Consider the relaxation of the fault ride through requirement to allow a conditional power swing in active power recovery.
- (b) Consider improvements to the submission of fault infeed data and some additional mechanical turbine information for system modelling and study purposes.
- (c) Consider the option of allowing voltage control and reactive range capability below 20% active power output.
- (d) Consider redrafting to consistently require manned control points for BELLA power stations where Balancing Codes apply.
- (e) Consider clarification of the applicability of Grid Code requirements to Power Park Module extensions.
- (f) Consider the inclusion of an additional Power Available Monitoring Signal from Power Park Modules required to provide frequency response capability.
- (g) Consider the generic specification of the technical performance requirements of Voltage Control Systems for Power Park Modules and Synchronous Generating Units
- (h) Consider the harmonisation of the point where voltage control is implemented and the point where the reactive range is delivered to be the connection point.
- (i) Consider the provision of reactive capability by embedded generators

**Deliverables**

National Grid will produce:

- a GCRP paper recommending a way forward on the above issues, taking into account the group discussions
- draft legal text of any proposed Grid Code changes

**Timescales**

The working group will aim to complete its work for the GCRP meeting that it is to take place in September 2006.

