

Grid Code E3C OC6.6 (Automatic LFDD) Working Group

Terms of Reference

On the 27th May 2008 a low frequency excursion occurred on the GB Transmission System which resulted in stage 1 of Low Frequency Demand Disconnection (LFDD) relays being activated. The formal investigation into the incident, by the Energy Emergency Executive Committee (E3C), identified aspects of the operation, design and restoration of the scheme which would be benefit from a further, more in-depth review.

Objectives

The purpose of this Working Group review is to identify if any improvements are required to OC6.6 provisions (and the LFDD scheme in general) such that the scheme's effectiveness is not compromised by:

- i. LV interconnected operation and/or LV running arrangement;
- ii. DAR operation or automatic switching schemes;
- iii. Relay reliability and settings;
- iv. Uninstructed manual demand restoration and control room awareness;

Working Group members will also:

- i. provide an update on the programme of replacing obsolete relays;
- ii. discuss and make recommendations;
- iii. draft any text modifications necessary to implement the recommendation;
- iv. provide regular updates to the Grid Code Review Panel and Energy Emergency Executive Committee.

Membership

The membership of the Working Group will be drawn from the GCRP or their nominated representatives and the Authority.

Deliverables

The Working Group will produce a report outlining its analysis, findings and recommendations which will be submitted to the GCRP.

Timescales

The Working Group will aim to present its findings and recommendations to May 2009 GCRP meeting.