

National Grid Company plc

Grid Code Review Panel

21st November 2002

CC6.3.3 Working Group – Progress Report

1. Since the last progress report of 5th September 2002, two further meetings of the Working Group were held, one on 19th September 2002 and a final meeting on 6th November 2002.
2. The review is concerned with the requirements in the frequency range of 49.5Hz and 47Hz and a number of alternative options have been discussed. The outcome of the Working Group work, so far, is summarised below:
 - a. The Working Group agreed to retain the existing CC6.3.3 requirements for frequencies above 49Hz.
 - b. For frequencies below 49Hz, the two key issues are:
 - i) If the existing CC6.3.3 requirement were retained, evidence has emerged of the existence of a probability of CCGT plant (of existing and new technologies) tripping resulting in a risk of demand disconnection and island collapse. This is due to the existing CC6.3.3 requirement being quite onerous.
 - ii) If the existing CC6.3.3 requirement were relaxed, there would be a small increase in the magnitude of customer demand disconnection, and a risk of island collapse in the event of a very severe system islanding condition.
3. The Working Group have not found it possible, so far, to quantify and compare the risks arising from (2bi) and (2bii) because no data is available. However, further consideration will be given to it in order to make a judgement and recommendation on the way forward, and conclude the CC.6.3.3 review.
4. A Working Group report to the GCRP has been drafted by National Grid and briefly discussed at the last Working Group meeting. The report will be finalised following receipt and incorporation of all Working Group member comments and will be made available for the GCRP meeting of 6th February 03.

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