

Firm Frequency Response (FFR)

Market Information for Tenders for January 2011

National Grid wishes to highlight to participants its requirement for Firm Frequency Response. Participants are invited to note the inclusion of Figures 6 and 7 for this purpose, as well as the enhancement to the Price breakdown table on page 7.

Total Frequency Response Requirements

Our indicative daily Total Requirement for Frequency Response for the above month is shown by Settlement Period for weekdays, in Figure 1 and for Saturdays, Sundays and Bank Holidays, in Figure 2. The graphs show the requirement to a maximum frequency deviation of 0.5Hz for Primary for a 1000MW loss and 0.5Hz for Secondary for a 1320MW loss and 0.5Hz for High Response for an 840MW demand loss.

Indicative Total Response Requirement - Weekday

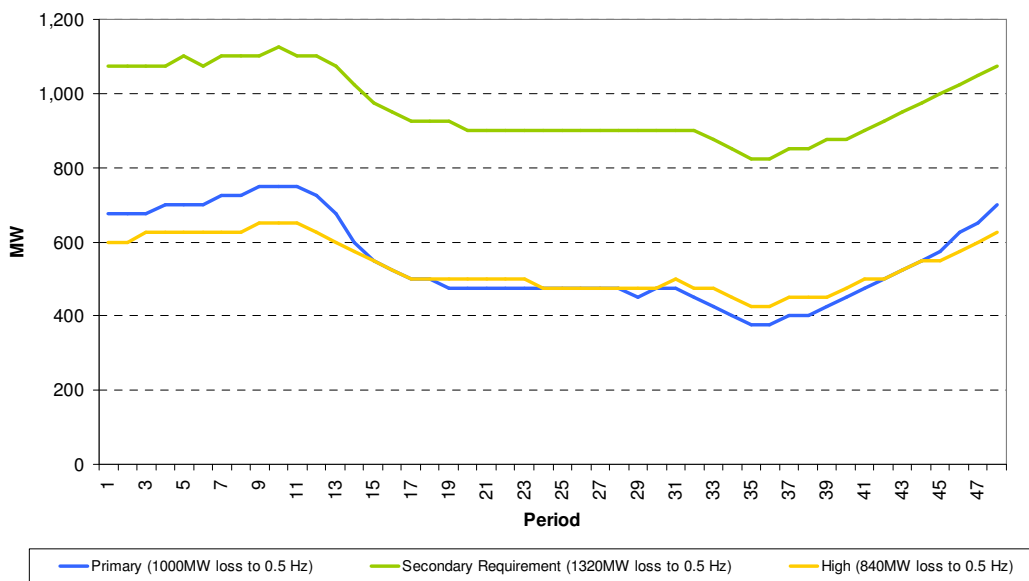


Figure 1

Indicative Total Response Requirement - Weekend

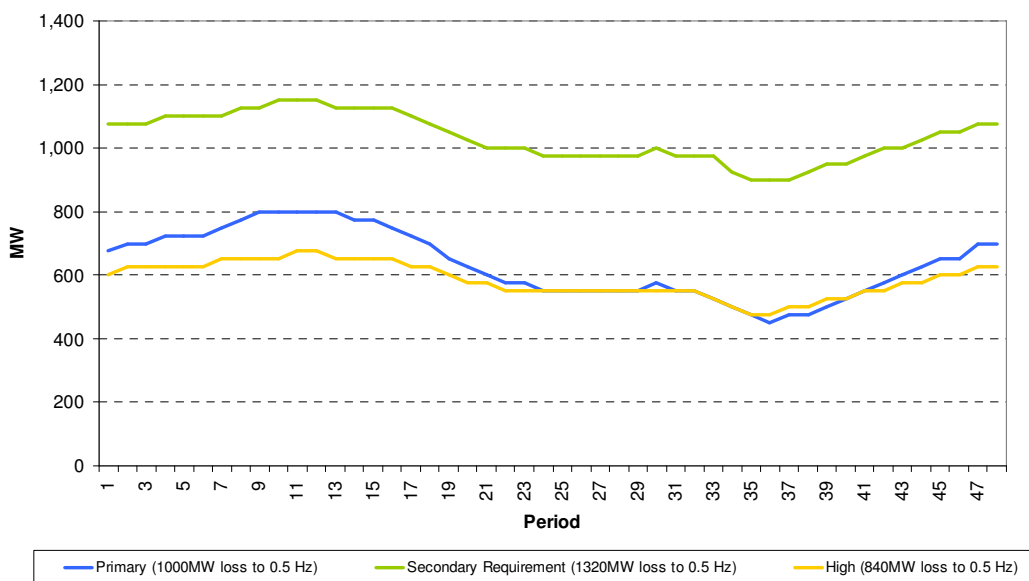


Figure 2

Minimum Dynamic Response Requirement

The indicative minimum required levels for Dynamic response are shown for Weekdays, Saturdays, Sundays and Bank Holidays, Figure 3. The levels are shown for delivery at 0.5 Hz deviation, although 0.2 Hz is the largest frequency deviation within normal operational range. The total amount of response delivered by Dynamic providers contributes to meeting the Total Response Requirement, Figures 1 and 2, above.

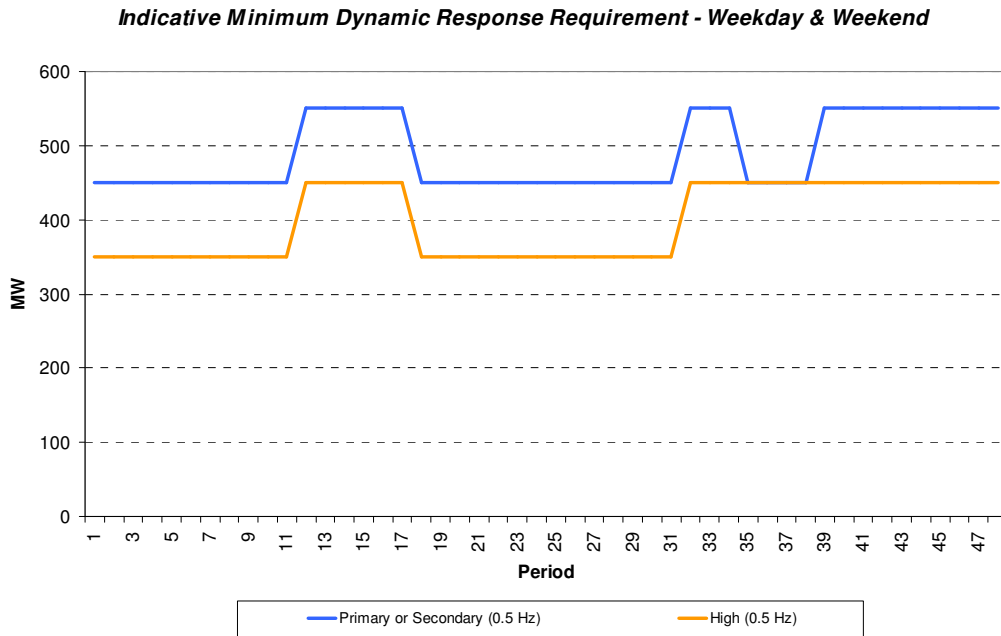


Figure 3