

# Firm Frequency Response (FFR)

## 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*

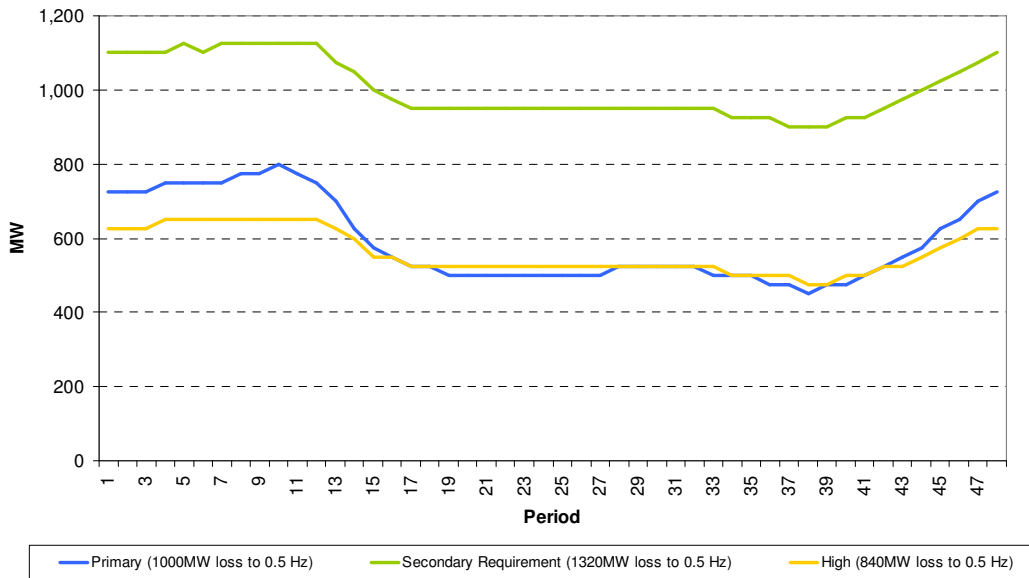


Figure 1

*Indicative Total Response Requirement - Weekend*

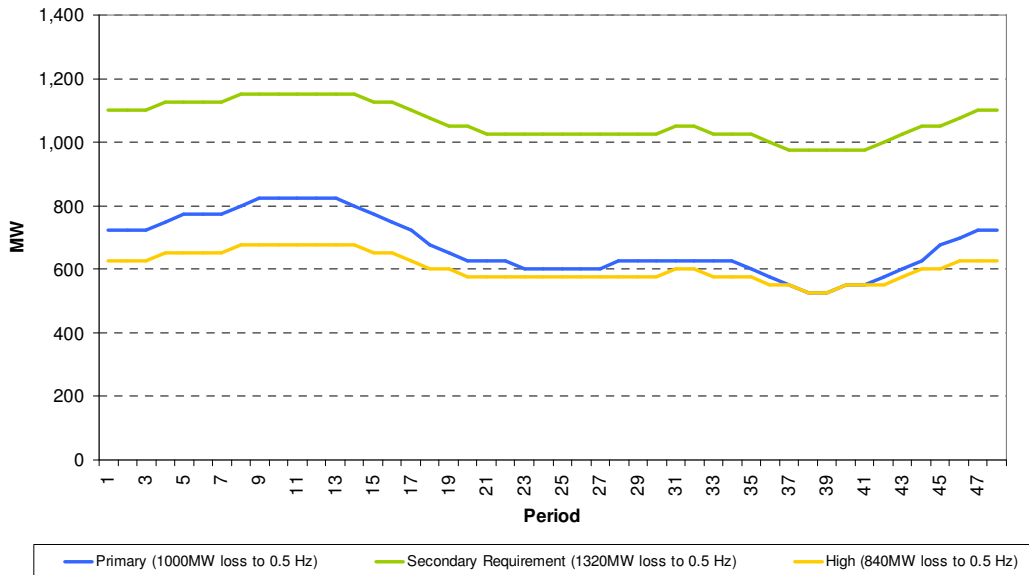


Figure 2

**Minimum Dynamic Response Requirement**

The indicative minimum required levels for Dynamic response are shown for Weekdays, Saturdays, Sundays and Bank Holidays in 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, shown in Figures 1 and 2.

*Indicative Minimum Dynamic Response Requirement - Weekday & Weekend*

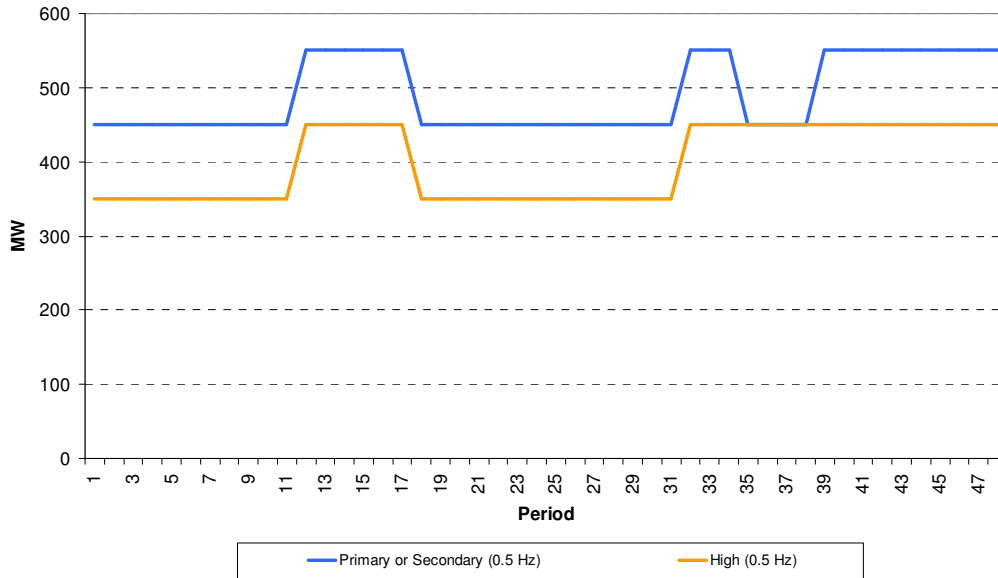


Figure 3