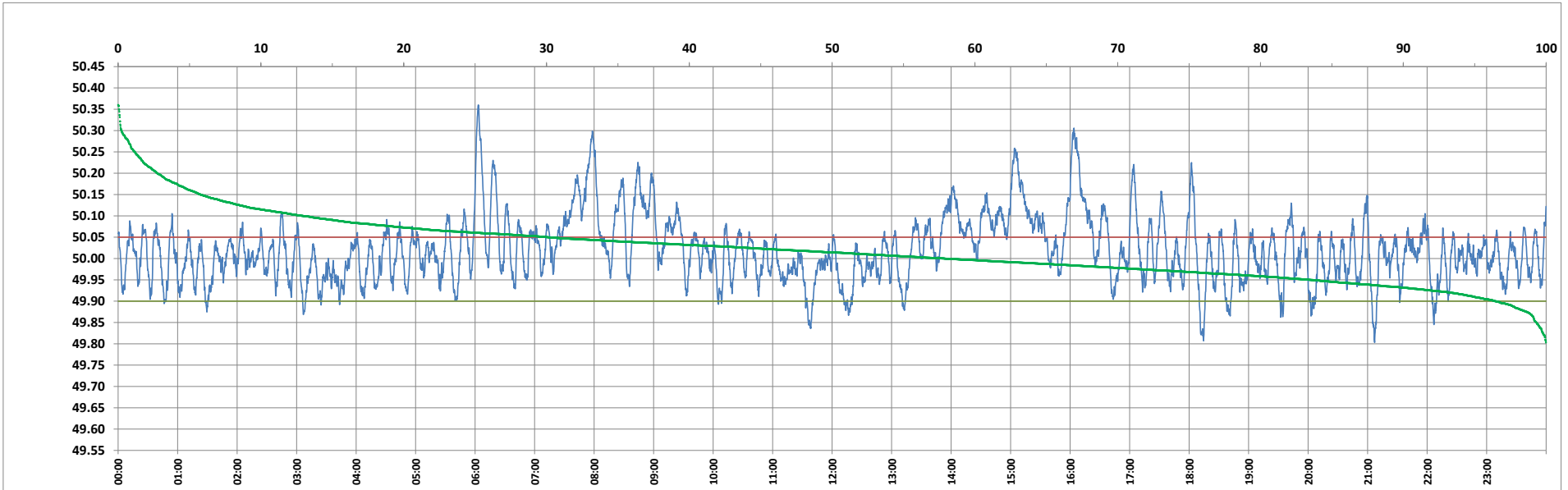


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 08-Mar-2023 (Wednesday)



| | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|--------|-------------|-------------|
| <49.7 | <49.90 | <49.97 | 49.7-49.8 | 49.8-49.9 | 49.9-50.0 | 50.0-50.1 | 50.1-50.2 | 49.90-50.05 | 49.7-50.2 | 49.97-50.03 | 50.05-50.1 | >50 | >50.03 | >50.05 | >50.2 | <49.95 | 49.95-50.05 | 49.90-49.95 |
| 0.00 | 3.55 | 25.71 | 0.00 | 3.55 | 38.56 | 44.94 | 10.19 | 66.33 | 97.25 | 33.03 | 17.18 | 57.88 | 41.26 | 30.12 | 2.75 | 16.49 | 53.39 | 12.94 |

| | | | | |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 50.020 | Frequency Variation Index : 0.0624 | Standard Deviation : 0.0767 | Mileage: 48.9 | FDI: 33.7 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency | |
|-------------------------|-------------------|
| Max | 50.360 6:03:00 |
| Min | 49.803 21:07:00 |

| 15 minute Average Frequency | |
|-----------------------------|-------------------|
| Max | 50.218 16:15:00 |
| Min | 49.908 11:45:00 |

| No. of excursions | |
|-------------------|-----|
| above 50.03 Hz | 152 |
| below 49.97 Hz | 131 |
| above 50.00 Hz | 143 |
| below 50.00 Hz | 142 |

| Average time freq per excursion remains | |
|---|---------|
| below 49.97 | 0:02:50 |
| above 50.03 | 0:03:55 |

| | |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 8:04:50 |
|---|---------|

Source : AGRA 10 Sec. (8640 samples)