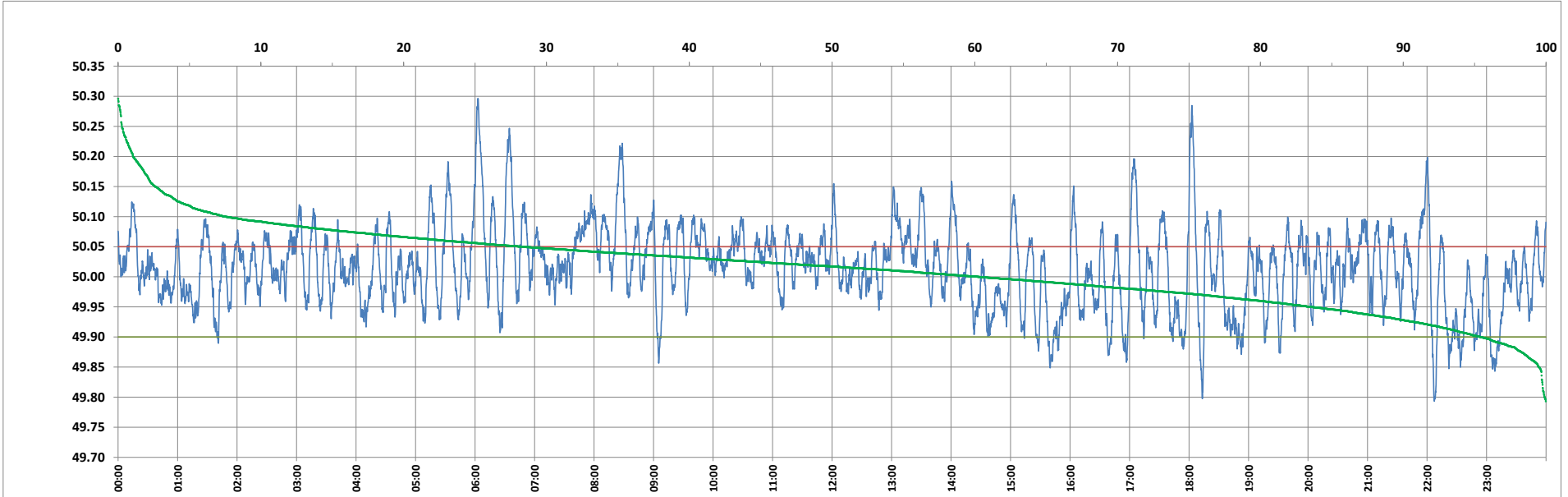


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Mar-2023 (Sunday)



| | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|--------|-------------|-------------|
| <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 | 4.58 | 24.05 | 0.09 | 4.49 | 35.15 | 52.74 | 6.47 | 67.14 | 98.95 | 34.75 | 20.75 | 60.27 | 41.20 | 28.28 | 1.05 | 16.46 | 55.27 | 11.88 |

| | | | | |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 50.015 | Frequency Variation Index : 0.0471 | Standard Deviation : 0.0671 | Mileage: 48.5 | FDI: 32.9 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency | | |
|-------------------------|--------|----------|
| Max | 50.296 | 6:02:40 |
| Min | 49.793 | 22:07:20 |

| 15 minute Average Frequency | | |
|-----------------------------|--------|----------|
| Max | 50.129 | 6:15:00 |
| Min | 49.902 | 23:15:00 |

| No. of excursions | |
|-------------------|-----|
| above 50.03 Hz | 160 |
| below 49.97 Hz | 108 |
| above 50.00 Hz | 143 |
| below 50.00 Hz | 142 |

| Average time freq per excursion remains | |
|---|---------|
| below 49.97 | 0:03:12 |
| above 50.03 | 0:03:42 |

| | |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 7:53:10 |
|---|---------|

Source : AGRA 10 Sec. (8640 samples)