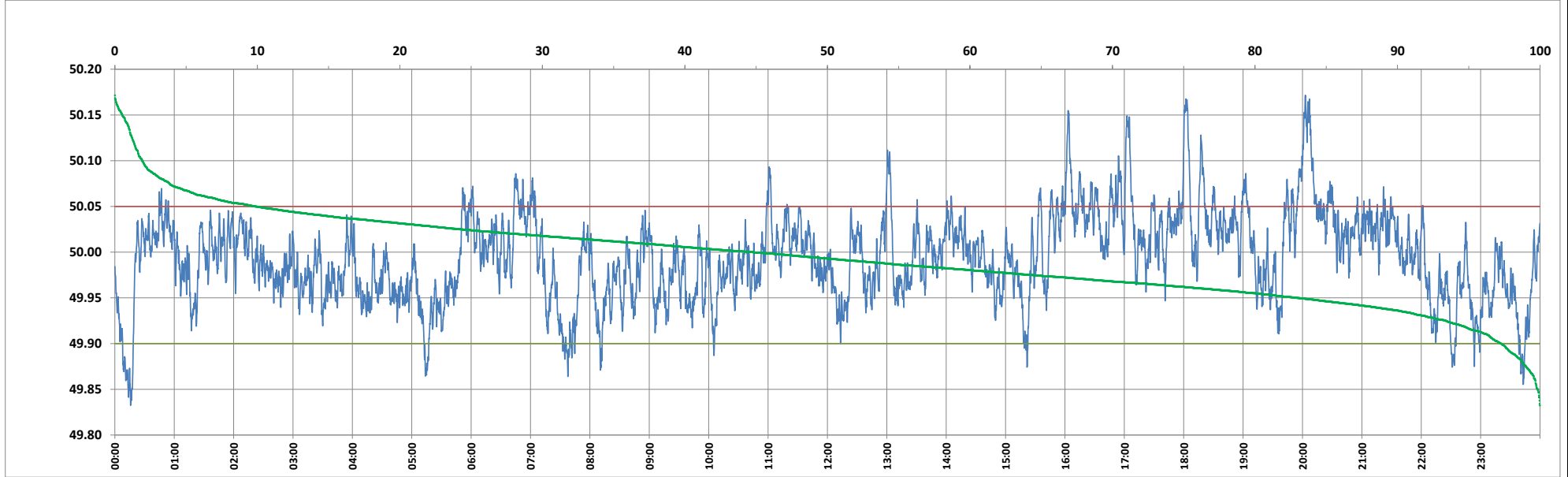


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-May-2024 (Friday)



| | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|--------|-------------|-------------|
| <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 | 2.73 | 31.59 | 0.00 | 2.73 | 52.51 | 42.84 | 1.92 | 87.42 | 100.00 | 47.37 | 7.93 | 44.76 | 21.04 | 9.85 | 0.00 | 17.05 | 73.10 | 14.32 |

| | | | | |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 49.993 | Frequency Variation Index : 0.0233 | Standard Deviation : 0.0479 | Mileage: 42.3 | FDI: 12.6 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency | | |
|-------------------------|--------|----------|
| Max | 50.172 | 20:02:50 |
| Min | 49.832 | 0:15:50 |

| 15 minute Average Frequency | | |
|-----------------------------|--------|----------|
| Max | 50.114 | 20:15:00 |
| Min | 49.902 | 0:15:00 |

| No. of excursions | |
|-------------------|-----|
| above 50.03 Hz | 140 |
| below 49.97 Hz | 171 |
| above 50.00 Hz | 173 |
| below 50.00 Hz | 173 |

| Average time freq per excursion remains | |
|---|---------|
| below 49.97 | 0:02:40 |
| above 50.03 | 0:02:10 |

| | |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 3:01:10 |
|---|---------|

Source : AGRA 10 Sec. (8640 samples)