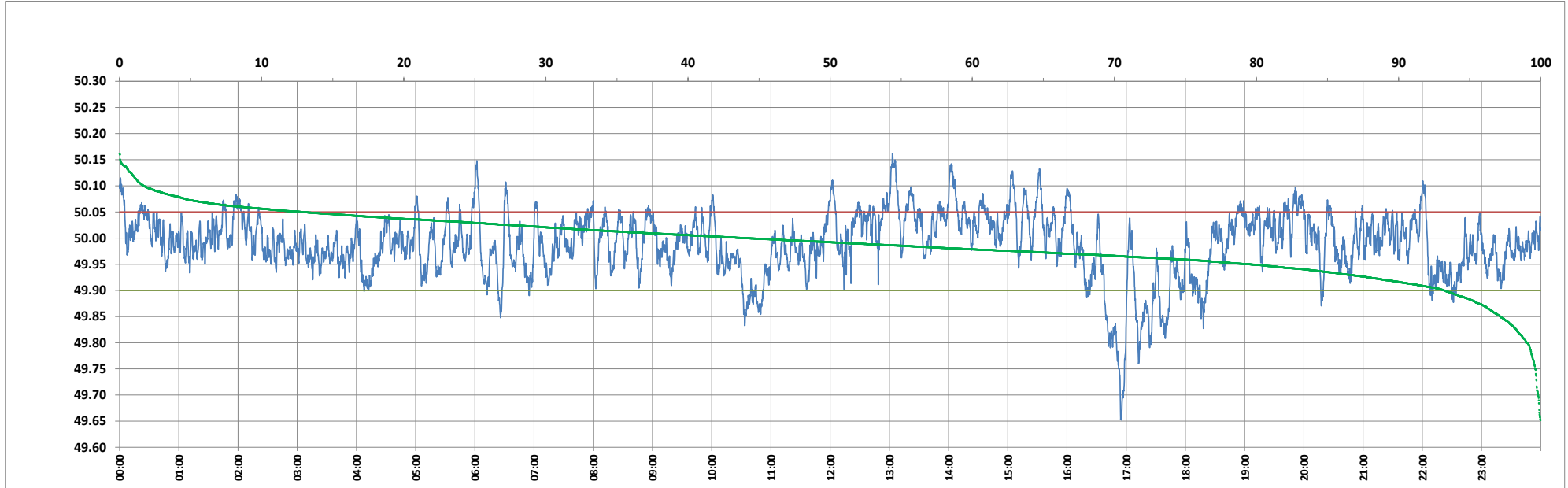


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Dec-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 |
| 0.17 | 6.78 | 33.07 | 0.80 | 5.81 | 49.10 | 42.41 | 1.71 | 80.29 | 99.83 | 42.31 | 11.22 | 44.12 | 24.62 | 12.93 | 0.00 | 20.46 | 66.61 | 13.68 |

| | | | | |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 49.988 | Frequency Variation Index : 0.0378 | Standard Deviation : 0.0605 | Mileage: 50.8 | FDI: 19.7 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency | |
|-------------------------|-------------------|
| Max | 50.162 13:03:00 |
| Min | 49.652 16:55:10 |

| 15 minute Average Frequency | |
|-----------------------------|-------------------|
| Max | 50.076 14:15:00 |
| Min | 49.762 17:00:00 |

| No. of excursions | |
|-------------------|-----|
| above 50.03 Hz | 155 |
| below 49.97 Hz | 185 |
| above 50.00 Hz | 203 |
| below 50.00 Hz | 202 |

| Average time freq per excursion remains | |
|---|---------|
| below 49.97 | 0:02:34 |
| above 50.03 | 0:02:17 |

| | |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 4:43:50 |
|---|---------|

Source : BALIPARA 10 Sec. (8640 samples)