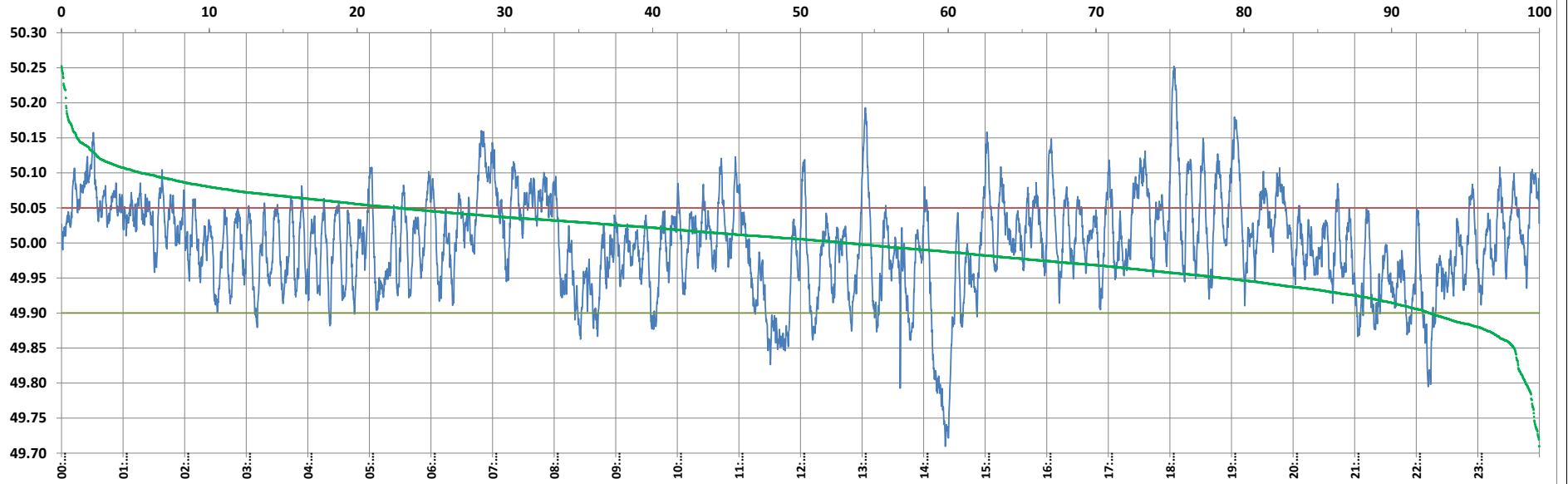


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-May-2023 (Thursday)



| | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|--------|-------------|-------------|
| <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 | 7.44 | 30.94 | 0.93 | 6.52 | 39.47 | 47.73 | 5.05 | 69.77 | 99.69 | 34.26 | 17.43 | 53.09 | 34.80 | 22.79 | 0.31 | 21.44 | 55.78 | 13.99 |

| | | | | |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 50.000 | Frequency Variation Index : 0.0466 | Standard Deviation : 0.0684 | Mileage: 47.9 | FDI: 30.2 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency | | |
|-------------------------|--------|----------|
| Max | 50.252 | 18:03:50 |
| Min | 49.710 | 14:21:10 |

| 15 minute Average Frequency | | |
|-----------------------------|--------|----------|
| Max | 50.118 | 7:00:00 |
| Min | 49.788 | 14:30:00 |

| No. of excursions | |
|-------------------|-----|
| above 50.03 Hz | 145 |
| below 49.97 Hz | 137 |
| above 50.00 Hz | 140 |
| below 50.00 Hz | 139 |

| Average time freq per excursion remains | |
|---|---------|
| below 49.97 | 0:03:15 |
| above 50.03 | 0:03:27 |

| | |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 7:15:20 |
|---|---------|

Source : BALIPARA 10 Sec. (8640 samples)