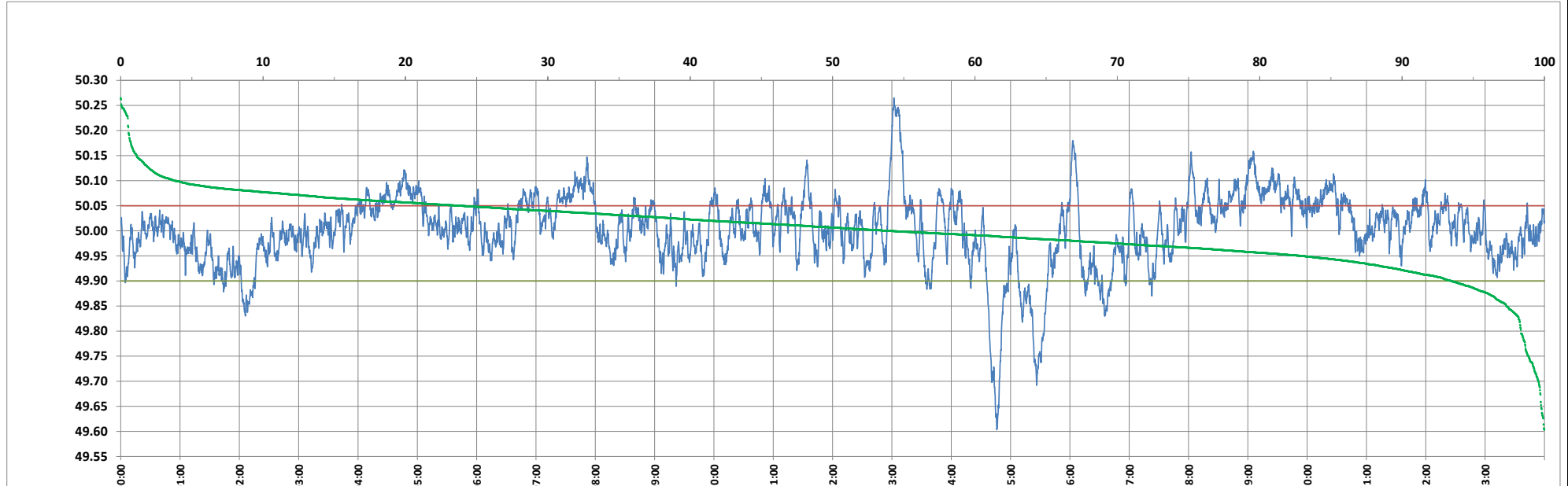


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Aug-2024 (Monday)



|       |        |        |           |           |           |           |           |             |           |             |            |       |        |        |       |        |             |             |
|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|--------|-------------|-------------|
| <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 |
| 0.41  | 6.53   | 27.22  | 1.24      | 4.88      | 39.56     | 50.13     | 3.24      | 69.55       | 99.05     | 36.86       | 20.14      | 53.91 | 35.91  | 23.92  | 0.54  | 17.03  | 59.05       | 10.50       |

|                            |                                    |                             |               |           |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|
| Average Frequency : 50.002 | Frequency Variation Index : 0.0501 | Standard Deviation : 0.0709 | Mileage: 48.8 | FDI: 30.5 |
|----------------------------|------------------------------------|-----------------------------|---------------|-----------|

| Instantaneous Frequency |                 |
|-------------------------|-----------------|
| Max                     | 50.265 13:02:00 |
| Min                     | 49.603 14:46:00 |

| 15 minute Average Frequency |                 |
|-----------------------------|-----------------|
| Max                         | 50.178 13:15:00 |
| Min                         | 49.801 15:30:00 |

| No. of excursions |     |
|-------------------|-----|
| above 50.03 Hz    | 136 |
| below 49.97 Hz    | 143 |
| above 50.00 Hz    | 163 |
| below 50.00 Hz    | 162 |

| Average time freq per excursion remains |         |
|---|---------|
| below 49.97                             | 0:02:44 |
| above 50.03                             | 0:03:48 |

|   |         |
|---|---------|
| No. of hours freq outside 49.9-50.05 Hz | 7:18:30 |
|---|---------|

Source : AGRA 10 Sec. (8640 samples)