

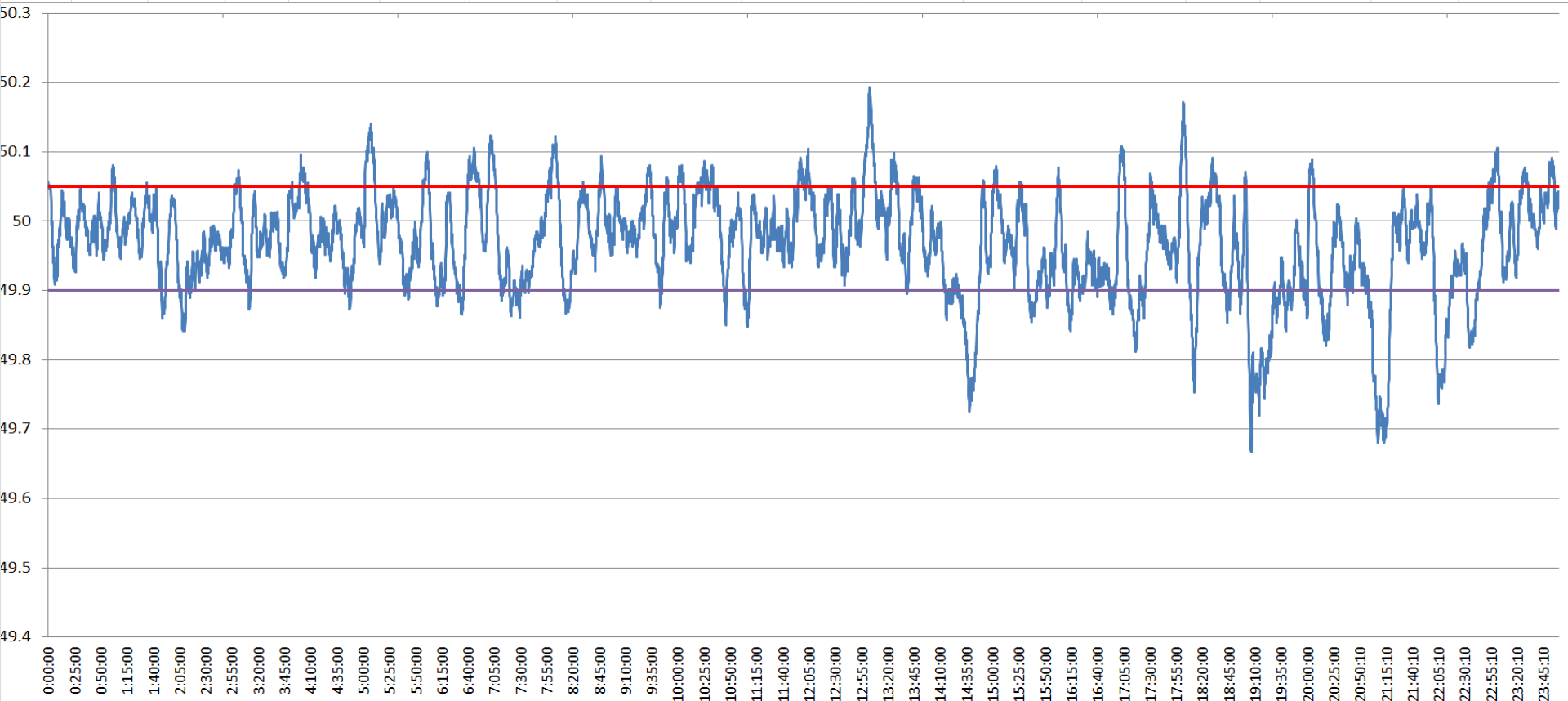


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

MEERUT:Frequency

National Grid Frequency Profile for

30-Jul-15



| | | | | | | | | | | | | | | | | |
|-------|-------|--------|--------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|------------|-------|--------|--------|-------|
| <49.2 | <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 |
| 0 | 0.32 | 16.41 | 47.75 | 3.04 | 13.04 | 49.02 | 32.73 | 1.84 | 72.30 | 99.68 | 33.17 | 9.57 | 33.22 | 19.07 | 11.28 | 0.00 |

| | | | | | | | | |
|--|--------------|-----------------|---|---------------|-----------------|--|--|--------------|
| Average Frequency | | 49.97 | Frequency Variation Index : | | 0.066 | Standard Deviation : | | 0.074 |
| Instantaneous Frequency | | | 15 minute average Frequency | | | No. of excursion above 50.03 Hz | | 122 |
| Max | 50.19 | 13:02:30 | Max | 50.082 | 13:15:00 | No. of excursion below 49.97 Hz | | 103 |
| Min | 49.67 | 19:06:40 | Min | 49.748 | 21:15:00 | No. of excursion above 50.00 Hz | | 99 |
| Average time freq remains below 49.97 per excursion | | 0:06:41 | Average time frequency remains above 50.03 per excursion | | 0:02:15 | No. of excursion below 50.00 Hz | | 85 |