

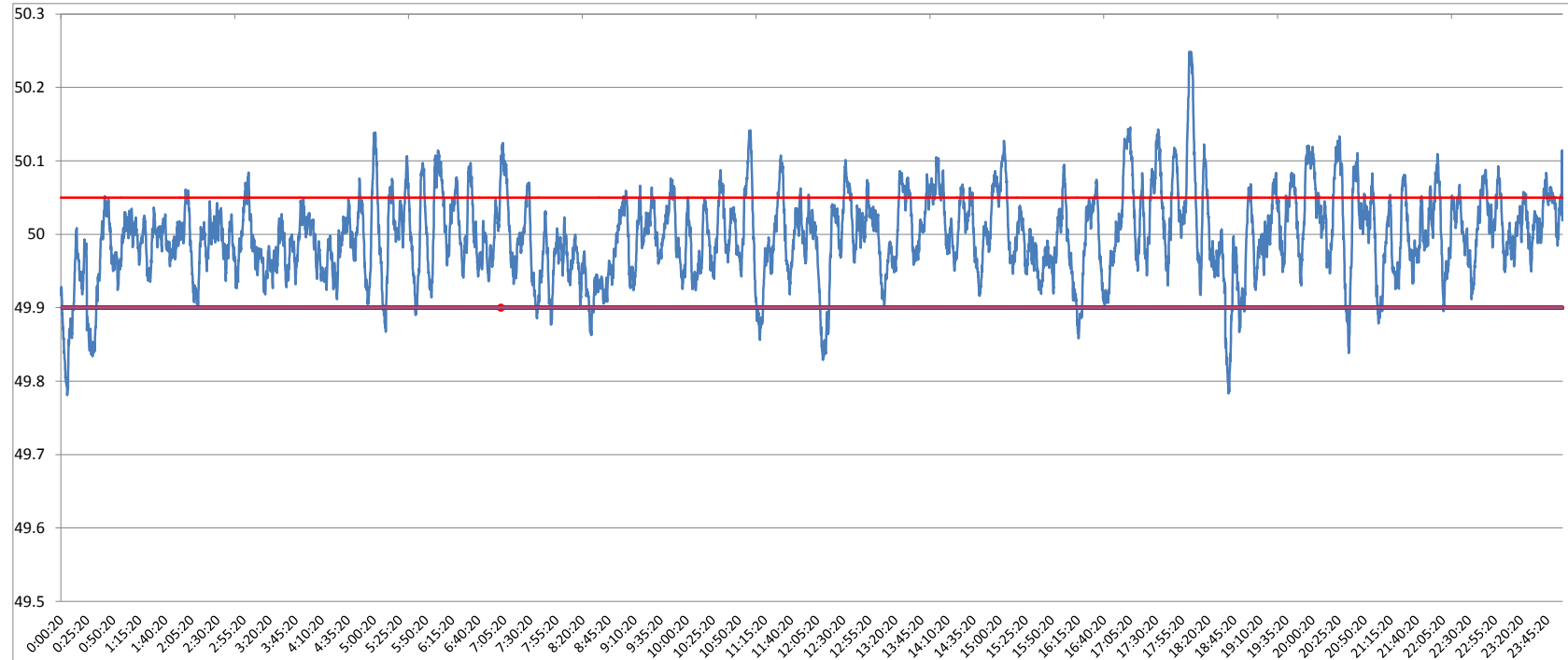


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

26-Feb-17



| <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 | 0.00 | 4.63 | 30.30 | 0.23 | 4.40 | 47.92 | 43.91 | 3.26 | 78.04 | 99.72 | 42.64 | 13.89 | 47.41 | 27.06 | 17.33 | 0.28 |

| | | | | | | | | | | |
|--|--------------|-----------------|------------------------------------|---|-----------------|--|----------------|--|--|------------|
| Average Frequency | | 50.00 | Frequency Variation Index : | | 0.033 | Standard Deviation : | | 0.058 | | |
| Instantaneous Frequency | | | | 15 minute average Frequency | | | | No. of excursion above 50.03 Hz | | 146 |
| Max | 50.25 | 18:03:50 | Max | 50.090 | 18:15:00 | No. of excursion below 49.97 Hz | | 172 | | |
| Min | 49.78 | 0:06:20 | Min | 49.874 | 0:15:00 | No. of excursion above 50.00 Hz | | 173 | | |
| | | | | | | No. of excursion below 50.00 Hz | | 172 | | |
| Average time freq remains below 49.97 per excursion | | | 0:02:32 | Average time frequency remains above 50.03 per excursion | | | 0:02:40 | | | |