

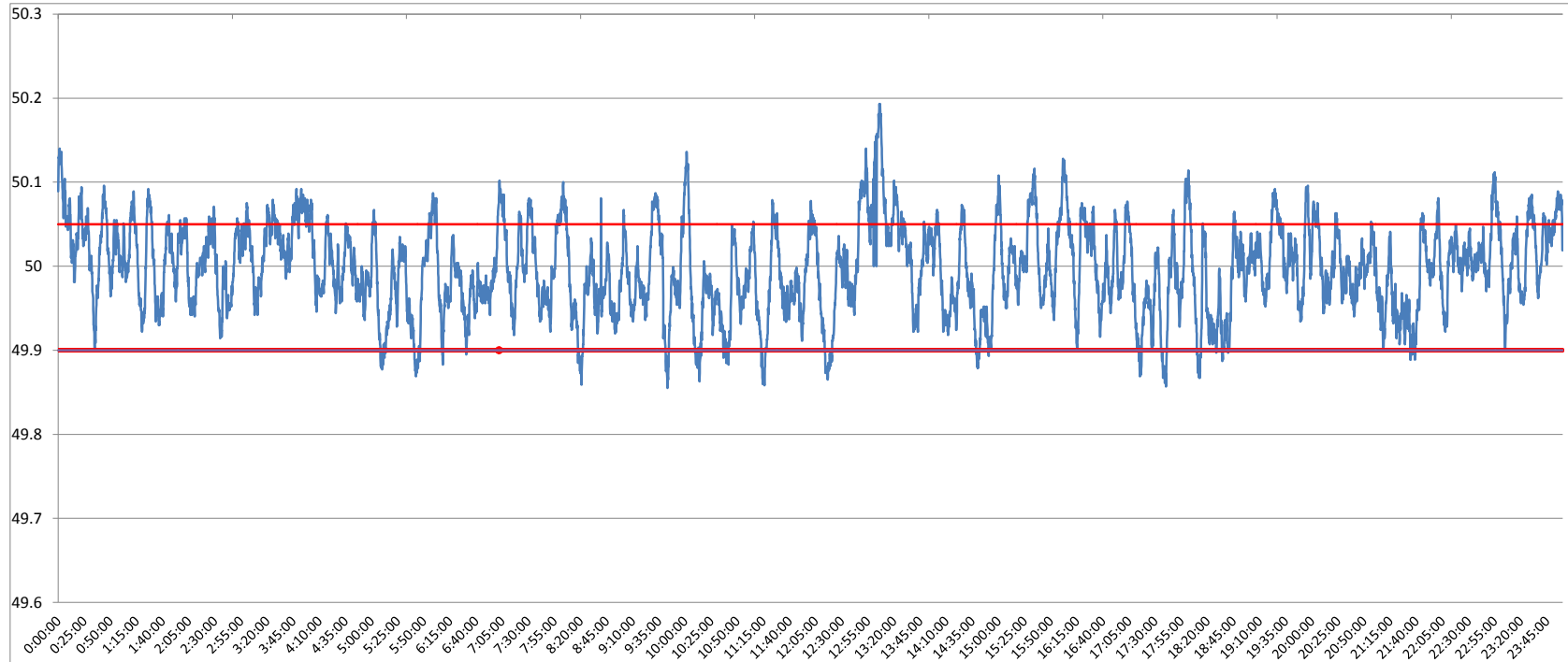


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

MEERUT:Frequency

National Grid Frequency Profile for

06-Oct-16



| <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 | 3.95 | 31.71 | 0.00 | 3.95 | 48.54 | 45.50 | 2.01 | 79.17 | 100.00 | 39.43 | 15.06 | 46.02 | 28.85 | 16.89 | 0.00 |

| | | | | | |
|--------------------------|--------------|------------------------------------|--------------|-----------------------------|--------------|
| Average Frequency | 50.00 | Frequency Variation Index : | 0.028 | Standard Deviation : | 0.053 |
|--------------------------|--------------|------------------------------------|--------------|-----------------------------|--------------|

| Instantaneous Frequency | | 15 minute average Frequency | | No. of excursion above 50.03 Hz | | No. of excursion below 49.97 Hz | |
|-------------------------|-------|-----------------------------|-----|---------------------------------|----------|---------------------------------|--|
| Max | 50.19 | 13:06:00 | Max | 50.110 | 13:15:00 | 151 | |
| Min | 49.86 | 9:43:10 | Min | 49.931 | 10:45:00 | 132 | |
| | | | | | | No. of excursion above 50.00 Hz | |
| | | | | | | 110 | |
| | | | | | | No. of excursion below 50.00 Hz | |
| | | | | | | 101 | |

| | | | |
|--|----------------|---|----------------|
| Average time freq remains below 49.97 per excursion | 0:03:28 | Average time frequency remains above 50.03 per excursion | 0:02:45 |
|--|----------------|---|----------------|