

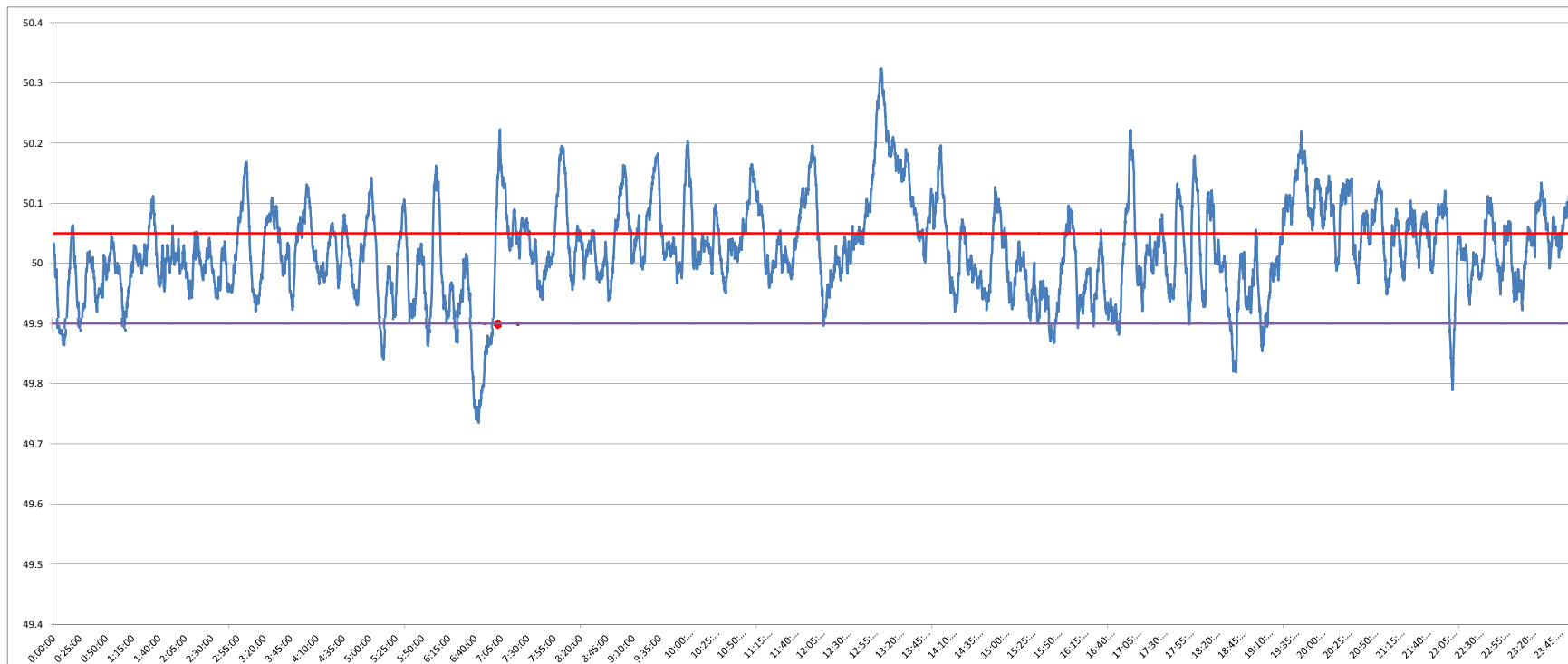


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

25-Feb-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 | 0.00 | 4.65 | 23.38 | 0.74 | 3.91 | 33.77 | 46.74 | 13.67 | 62.13 | 98.83 | 33.40 | 18.46 | 61.53 | 43.22 | 33.22 | 1.17 |

| | | | | | |
|--------------------------|--------------|------------------------------------|--------------|-----------------------------|--------------|
| Average Frequency | 50.02 | Frequency Variation Index : | 0.065 | Standard Deviation : | 0.078 |
|--------------------------|--------------|------------------------------------|--------------|-----------------------------|--------------|

| Instantaneous Frequency | | |
|-------------------------|-------|----------|
| MAX | 50.32 | 13:05:40 |
| Min | 49.74 | 6:43:20 |

| 15 minute average Frequency | | |
|-----------------------------|--------|----------|
| Max | 50.250 | 13:15:00 |
| Min | 49.859 | 6:45:00 |

| | |
|---------------------------------|-----|
| No. of excursion above 50.03 Hz | 128 |
| No. of excursion below 49.97 Hz | 76 |
| No. of excursion above 50.00 Hz | 149 |
| No. of excursion below 50.00 Hz | 146 |

| | | | |
|--|----------------|---|----------------|
| Average time freq remains below 49.97 per excursion | 0:04:26 | Average time frequency remains above 50.03 per excursion | 0:04:52 |
|--|----------------|---|----------------|