

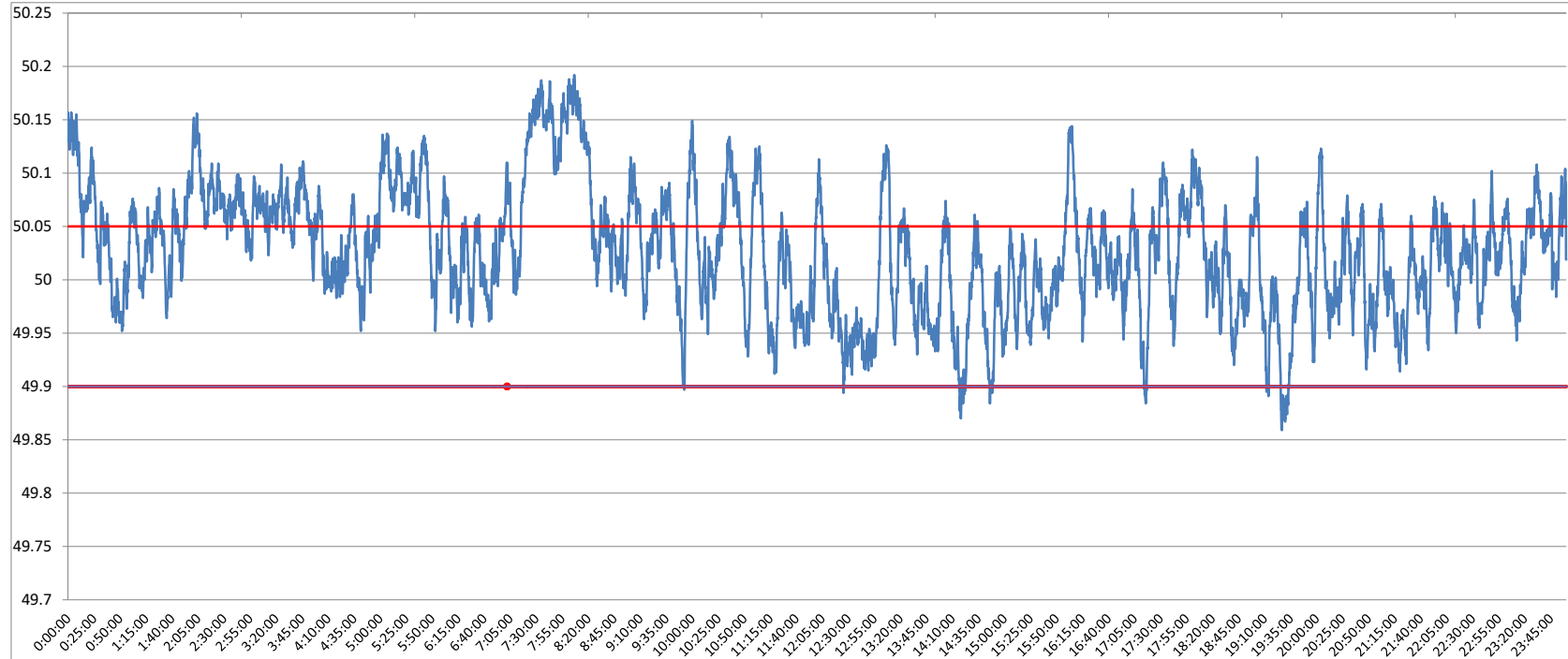


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

20-Jun-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	1.26	17.22	0.00	1.26	31.56	56.82	10.36	63.72	100.00	34.83	25.63	65.93	47.95	35.02	0.00

Average Frequency	50.03	Frequency Variation Index :	0.041	Standard Deviation :	0.058
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Instantaneous Frequency		
Max	50.19	8:06:30
Min	49.86	19:26:30

15 minute average Frequency		
Max	50.165	8:15:00
Min	49.935	14:30:00

No. of excursion above 50.03 Hz	125
No. of excursion below 49.97 Hz	85
No. of excursion above 50.00 Hz	107
No. of excursion below 50.00 Hz	106

Average time freq remains below 49.97 per excursion	0:02:55	Average time frequency remains above 50.03 per excursion	0:05:31
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