

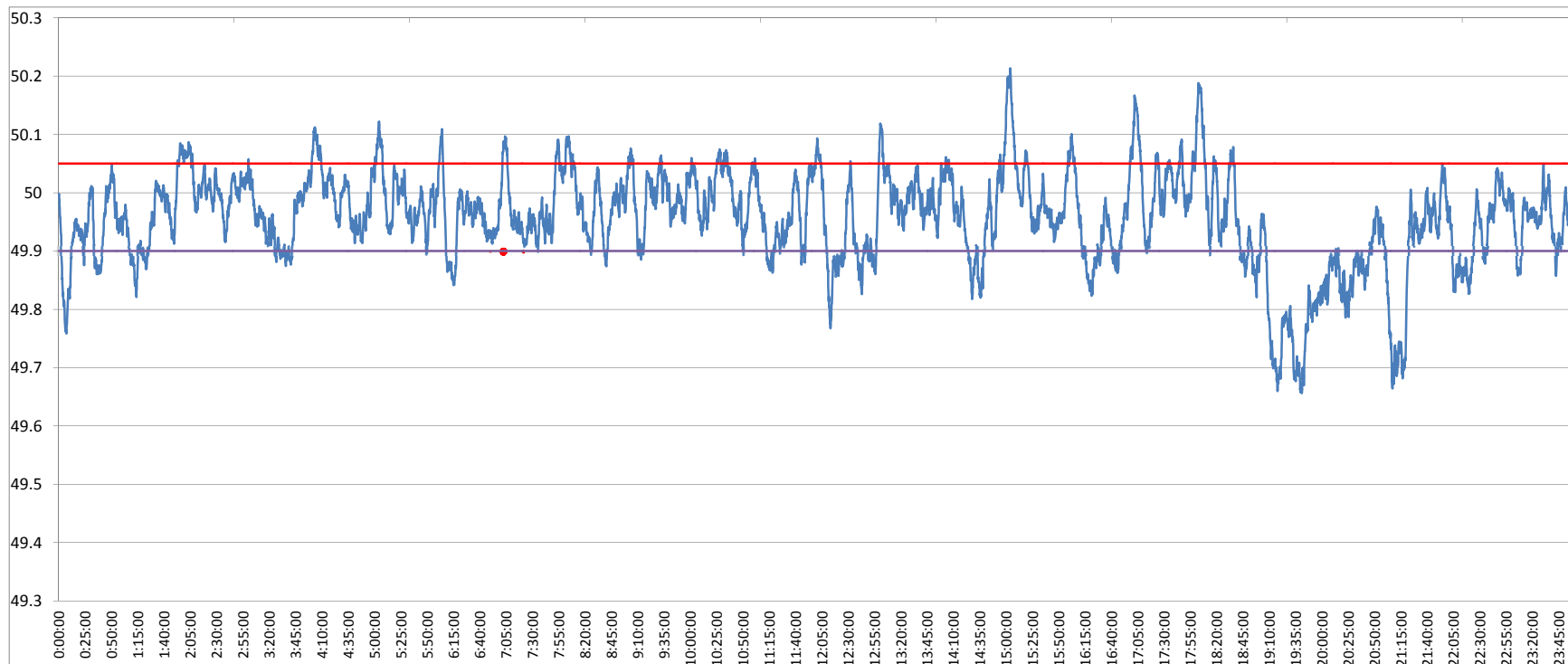


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

13-Aug-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	1.24	20.98	54.63	3.24	16.50	50.02	27.21	1.75	70.16	98.73	29.39	7.08	28.94	15.98	8.85	0.03

Average Frequency	49.96	Frequency Variation Index :	0.085	Standard Deviation :	0.081
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Instantaneous Frequency	
Max	50.21 15:04:00
Min	49.66 19:40:50

15 minute average Frequency	
Max	50.093 15:15:00
Min	49.706 19:45:00

No. of excursion above 50.03 Hz	95
No. of excursion below 49.97 Hz	142
No. of excursion above 50.00 Hz	120
No. of excursion below 50.00 Hz	121

Average time freq remains below 49.97 per excursion	0:05:32	Average time frequency remains above 50.03 per excursion	0:02:25
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