

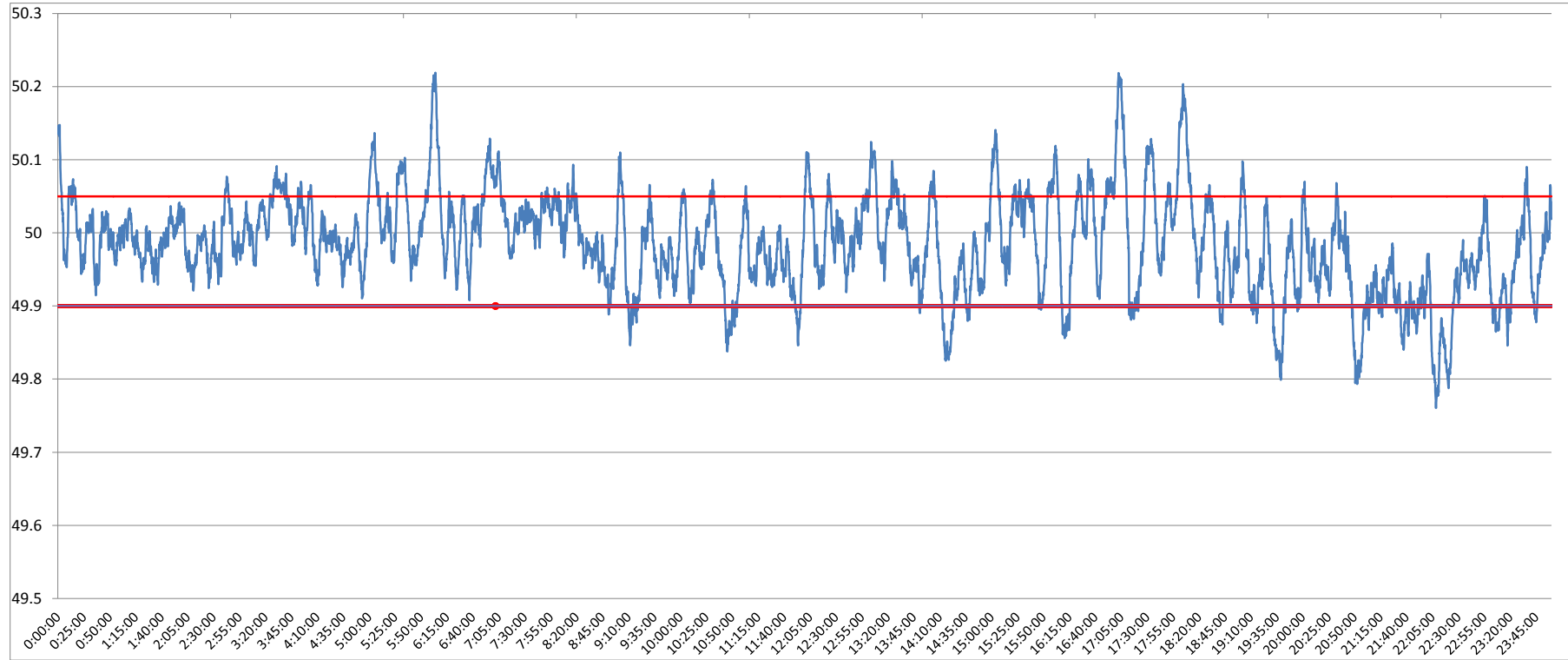


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

17-Jul-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	9.76	40.43	0.41	9.35	49.59	36.71	3.51	75.09	99.57	34.94	11.30	40.61	24.63	15.15	0.43

Average Frequency	49.98	Frequency Variation Index :	0.047	Standard Deviation :	0.067
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Instantaneous Frequency		
Max	50.22	6:04:00
Min	49.76	22:08:30

15 minute average Frequency		
Max	50.117	18:15:00
Min	49.851	22:15:00

No. of excursion above 50.03 Hz	100
No. of excursion below 49.97 Hz	137
No. of excursion above 50.00 Hz	139
No. of excursion below 50.00 Hz	140

Average time freq remains below 49.97 per excursion	0:04:15	Average time frequency remains above 50.03 per excursion	0:03:33
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