

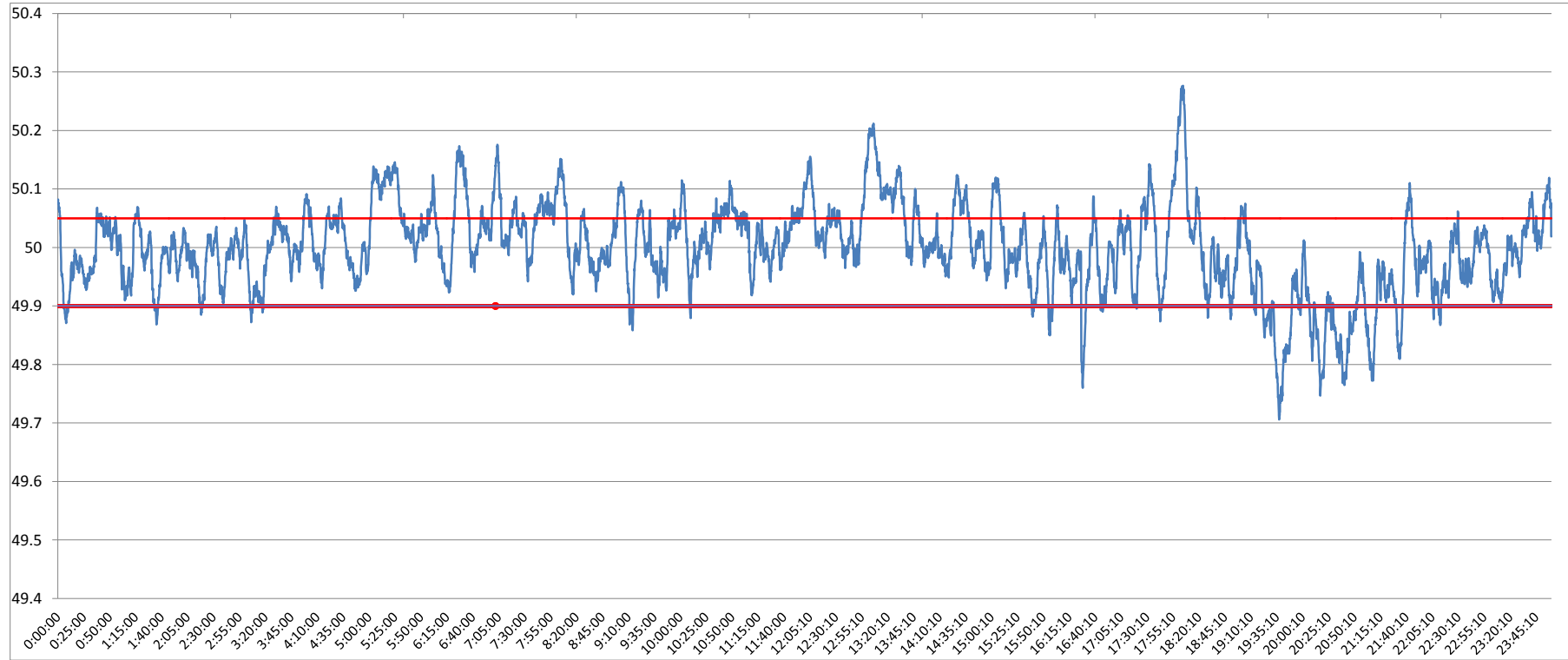


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

10-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	8.77	31.98	1.34	7.43	41.27	42.13	7.22	68.69	99.40	35.19	14.76	49.92	32.84	22.53	0.60

Average Frequency	50.00	Frequency Variation Index :	0.057	Standard Deviation :	0.075
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Instantaneous Frequency		
Max	50.28	18:05:00
Min	49.71	19:37:30

15 minute average Frequency		
Max	50.161	13:15:00
Min	49.803	19:45:00

No. of excursion above 50.03 Hz	128
No. of excursion below 49.97 Hz	128
No. of excursion above 50.00 Hz	140
No. of excursion below 50.00 Hz	138

Average time freq remains below 49.97 per excursion	0:03:36	Average time frequency remains above 50.03 per excursion	0:03:42
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