

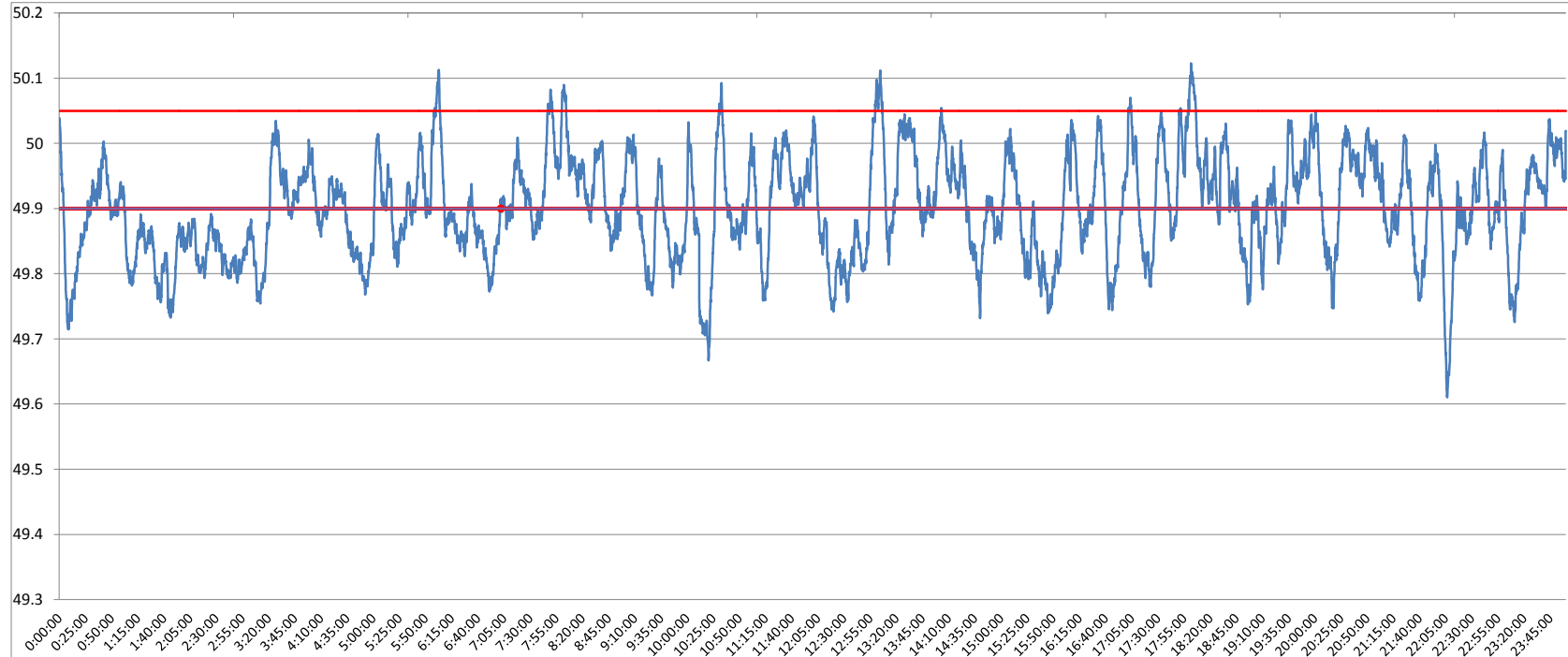


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

01-Sep-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	0.47	50.45	79.58	9.95	40.02	38.07	11.24	0.24	47.29	99.53	16.10	2.01	11.44	4.32	2.26	0.00

Average Frequency	49.90	Frequency Variation Index :	0.163	Standard Deviation :	0.079
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Instantaneous Frequency		
Max	50.12	18:01:40
Min	49.61	22:06:30

15 minute average Frequency		
Max	50.016	18:15:00
Min	49.756	22:15:00

No. of excursion above 50.03 Hz	35
No. of excursion below 49.97 Hz	86
No. of excursion above 50.00 Hz	70
No. of excursion below 50.00 Hz	73

Average time freq remains below 49.97 per excursion	0:13:20	Average time frequency remains above 50.03 per excursion	0:01:47
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