

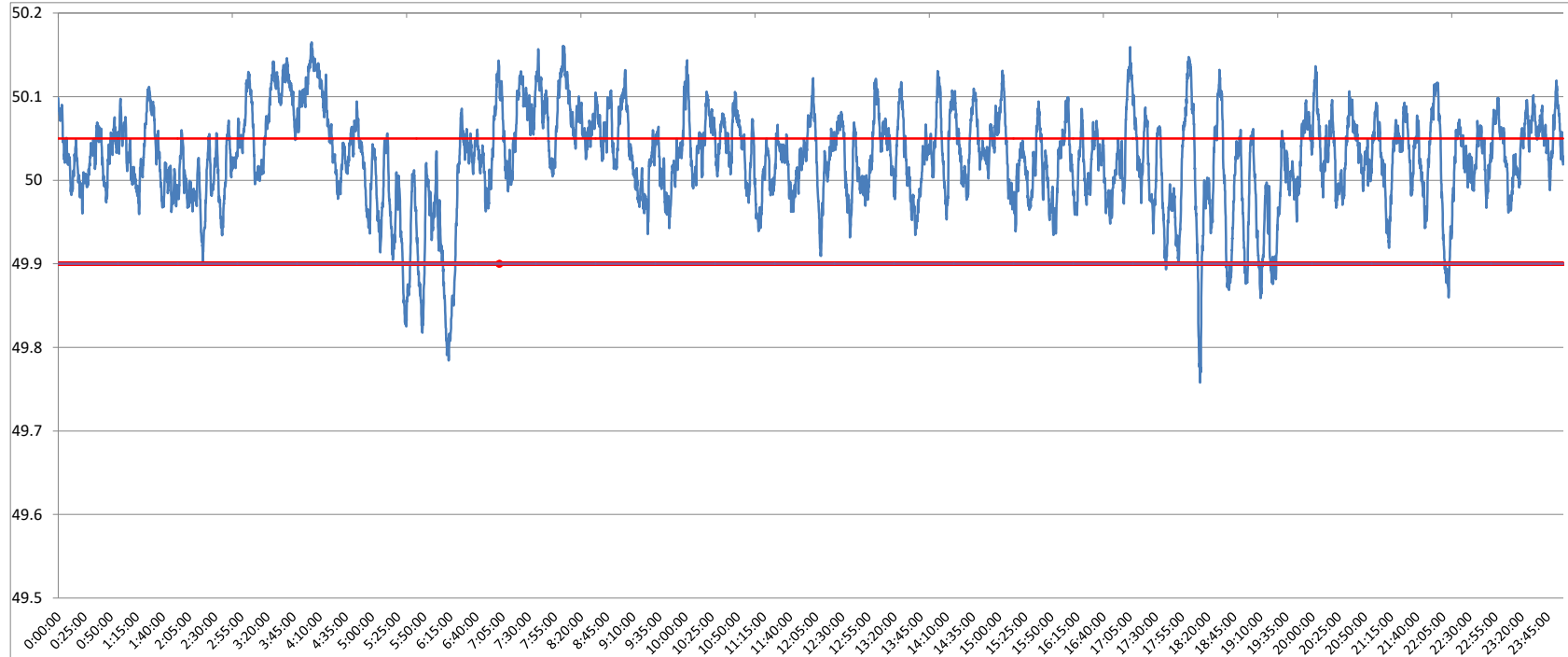


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

01-Sep-16



<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	3.38	13.34	0.23	3.15	25.65	62.25	8.73	61.68	100.00	36.55	26.27	70.88	50.10	34.94	0.00

Average Frequency	50.03	Frequency Variation Index :	0.040	Standard Deviation :	0.058
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Instantaneous Frequency		
Max	50.16	4:02:20
Min	49.76	18:12:30

15 minute average Frequency			
Max	50.128	4:15:00	
Min	49.896	6:15:00	

No. of excursion above 50.03 Hz	170
No. of excursion below 49.97 Hz	92
No. of excursion above 50.00 Hz	140
No. of excursion below 50.00 Hz	139

Average time freq remains below 49.97 per excursion	0:02:05	Average time frequency remains above 50.03 per excursion	0:04:15
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