

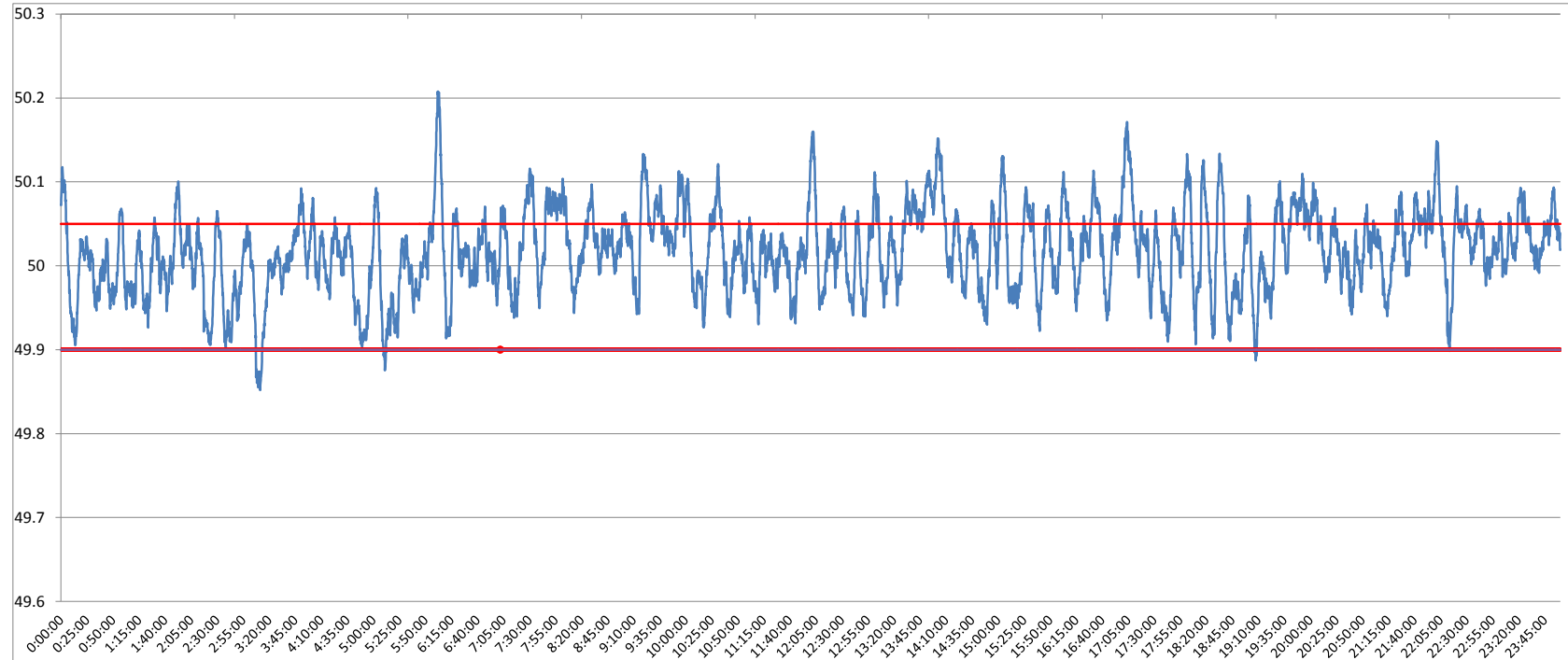


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

11-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	0.72	17.58	0.00	0.72	34.59	60.28	4.32	74.27	99.91	42.08	20.67	64.63	40.34	25.01	0.09

Average Frequency	50.02	Frequency Variation Index :	0.028	Standard Deviation :	0.050
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		173	
Max	50.21 6:02:10	Max	50.094 17:15:00	No. of excursion below 49.97 Hz		118	
Min	49.85 3:11:20	Min	49.933 3:15:00	No. of excursion above 50.00 Hz		150	
				No. of excursion below 50.00 Hz		150	

Average time freq remains below 49.97 per excursion	0:02:09	Average time frequency remains above 50.03 per excursion	0:03:21
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