

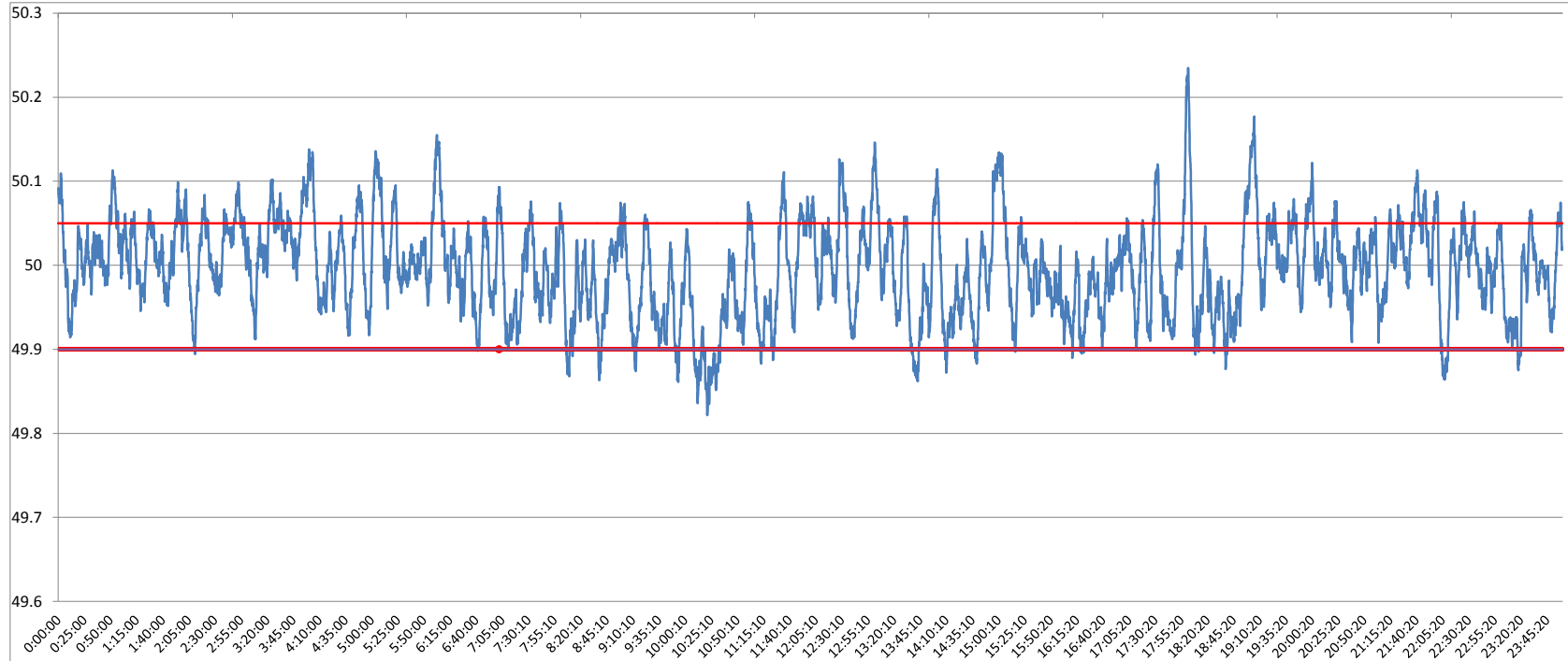


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

12-Oct-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	4.19	33.51	0.00	4.19	47.78	44.39	3.47	79.04	99.83	38.87	13.17	47.85	27.63	16.77	0.17

Average Frequency	50.00	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.23	18:01:50	Max	50.065	5:15:00	136	
Min	49.82	10:21:20	Min	49.875	10:30:00	139	
						No. of excursion above 50.00 Hz	
						176	
						No. of excursion below 50.00 Hz	
						172	

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:02:56
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