

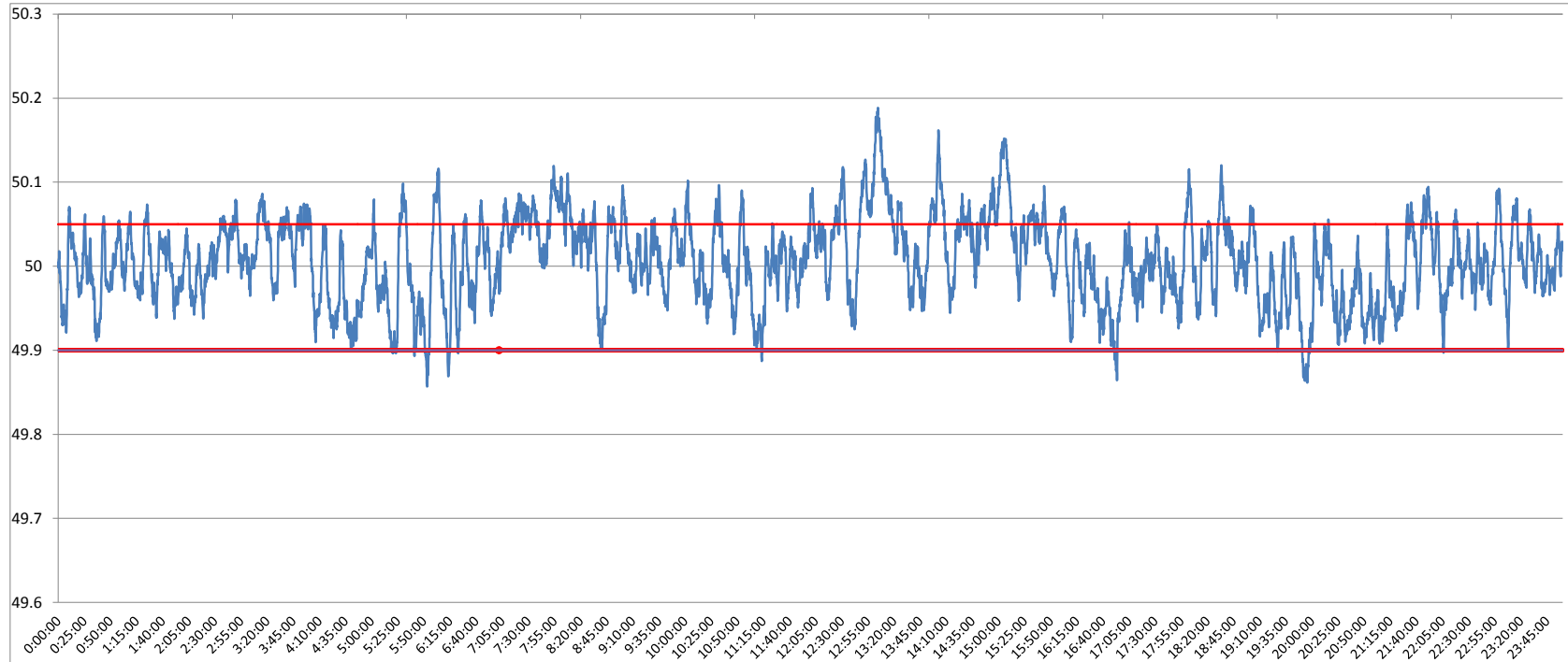


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

22-Jul-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	1.28	24.59	0.00	1.28	43.52	52.59	2.60	78.83	100.00	41.75	17.35	55.12	33.66	19.88	0.00

Average Frequency	50.01	Frequency Variation Index :	0.026	Standard Deviation :	0.050
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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	50.19	13:04:30	Max	50.129	13:15:00	155	
Min	49.86	5:53:00	Min	49.913	20:00:00	152	
				No. of excursion above 50.00 Hz		143	
				No. of excursion below 50.00 Hz		142	

Average time freq remains below 49.97 per excursion	0:02:20	Average time frequency remains above 50.03 per excursion	0:03:08
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