

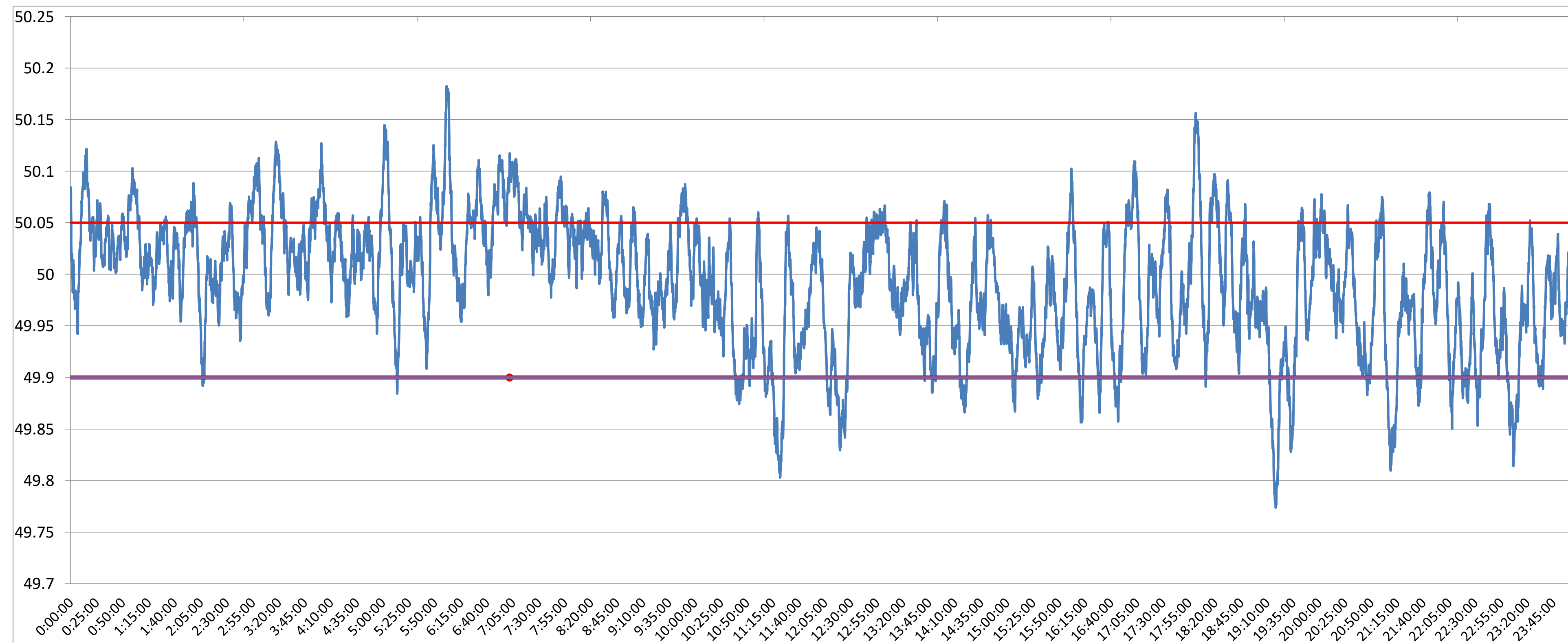


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

24-Apr-17



<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	8.45	34.54	0.23	8.22	42.56	46.39	2.60	73.96	100.00	33.95	15.07	48.96	31.52	17.59	0.00

Average Frequency	49.99	Frequency Variation Index :	0.040	Standard Deviation :	0.063
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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	50.18	6:01:30	Max	50.082	7:15:00	157	137
Min	49.77	19:18:10	Min	49.867	19:30:00	136	136

Average time freq remains below 49.97 per excursion	0:03:38	Average time frequency remains above 50.03 per excursion	0:02:53
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