

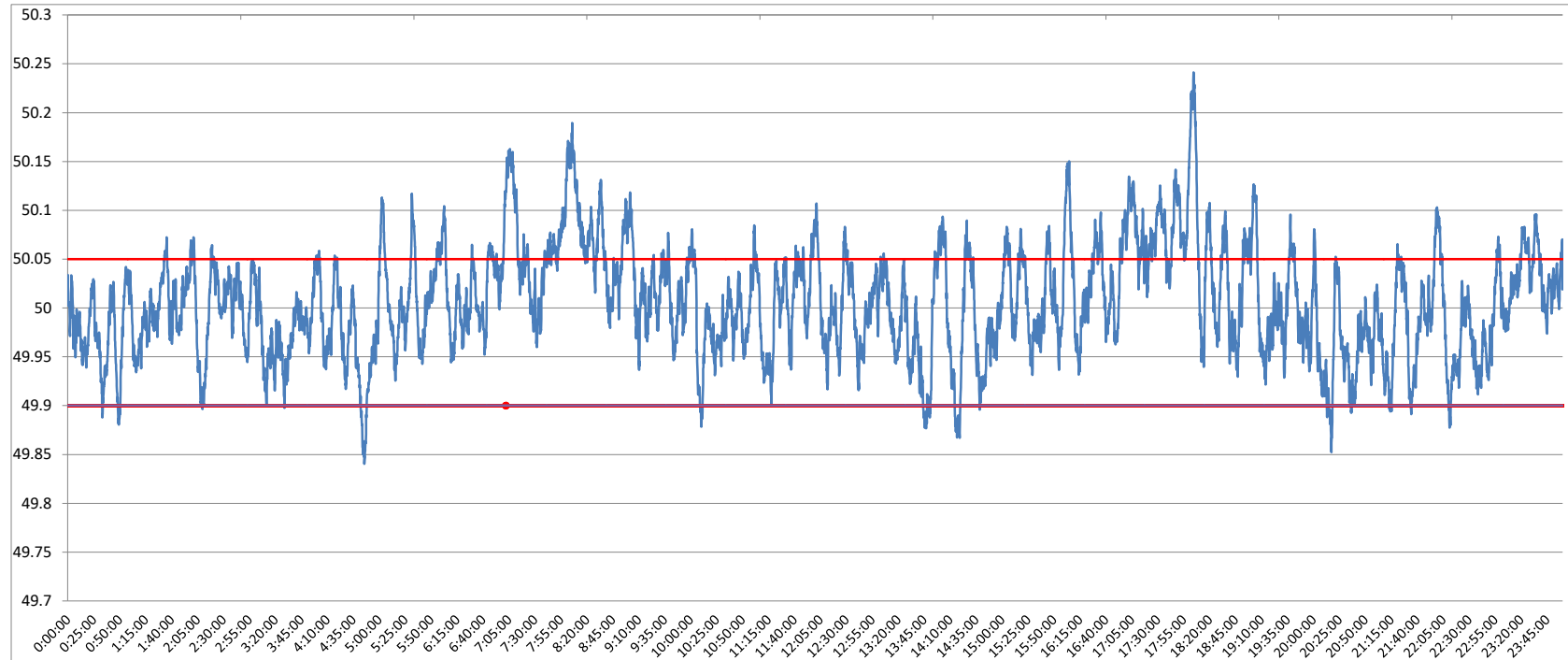


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

23-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	2.21	26.42	0.00	2.21	45.88	47.23	4.40	76.67	99.72	40.60	16.50	51.83	32.97	21.12	0.28

Average Frequency	50.01	Frequency Variation Index :	0.031	Standard Deviation :	0.056
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Instantaneous Frequency	
Max	50.24 18:04:20
Min	49.84 4:45:40

15 minute average Frequency		
Max	50.134	8:15:00
Min	49.935	5:00:00

No. of excursion above 50.03 Hz	146
No. of excursion below 49.97 Hz	164
No. of excursion above 50.00 Hz	175
No. of excursion below 50.00 Hz	173

Average time freq remains below 49.97 per excursion	0:02:19	Average time frequency remains above 50.03 per excursion	0:03:15
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