

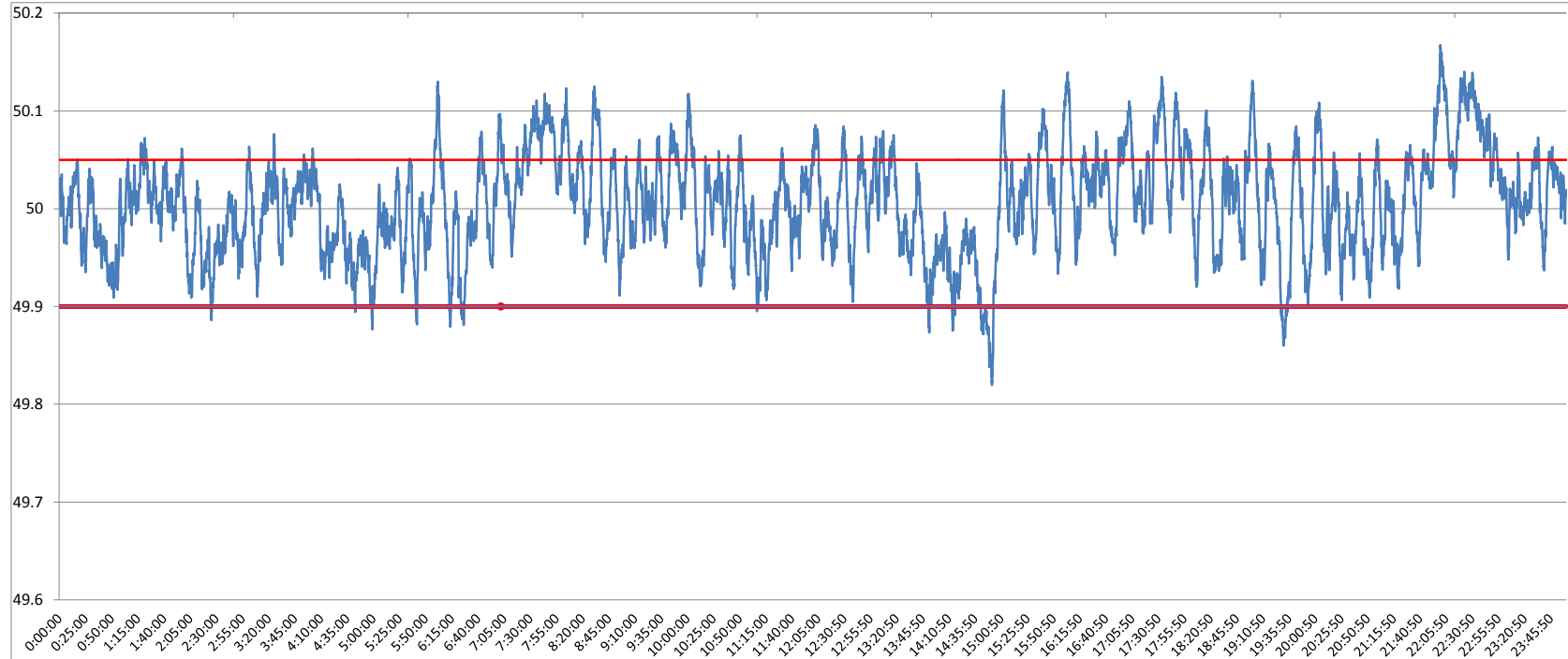


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

01-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	1.90	26.46	0.00	1.90	42.59	51.56	3.95	78.17	100.00	40.72	16.06	55.44	32.82	19.93	0.00

Average Frequency	50.01	Frequency Variation Index :	0.028	Standard Deviation :	0.052
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Instantaneous Frequency		
Max	50.17	22:00:30
Min	49.82	14:51:50

15 minute average Frequency		
Max	50.110	22:30:00
Min	49.914	15:00:00

No. of excursion above 50.03 Hz	176
No. of excursion below 49.97 Hz	141
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:02:42	Average time frequency remains above 50.03 per excursion	0:02:41
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