

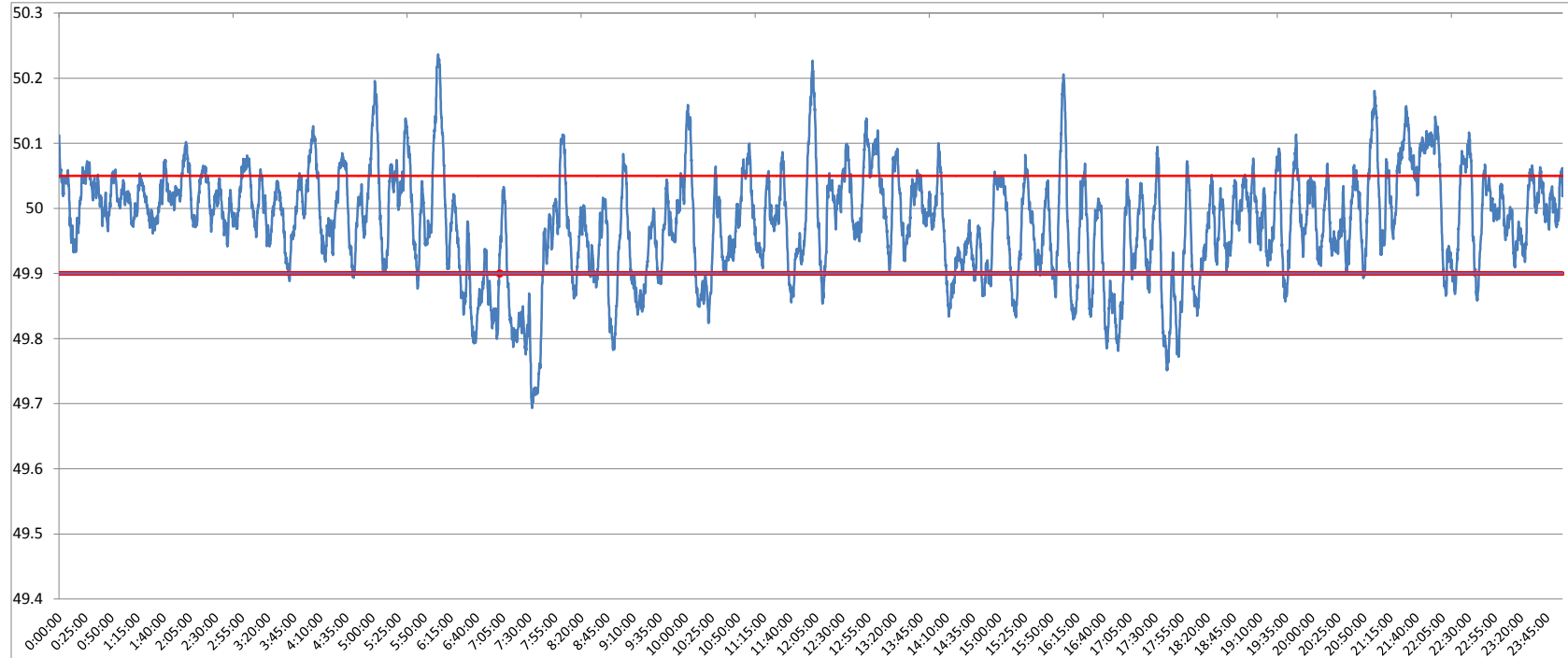


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

07-Dec-15



<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	0.06	16.22	41.68	1.93	14.22	40.71	37.96	4.77	66.35	99.59	31.20	12.36	42.95	27.12	17.43	0.35

Average Frequency	49.98	Frequency Variation Index :	0.069	Standard Deviation :	0.081
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Instantaneous Frequency		
Max	50.24	6:02:50
Min	49.69	7:33:00

15 minute average Frequency		
Max	50.105	22:00:00
Min	49.777	7:45:00

No. of excursion above 50.03 Hz	123
No. of excursion below 49.97 Hz	116
No. of excursion above 50.00 Hz	117
No. of excursion below 50.00 Hz	114

Average time freq remains below 49.97 per excursion	0:05:10	Average time frequency remains above 50.03 per excursion	0:03:10
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