

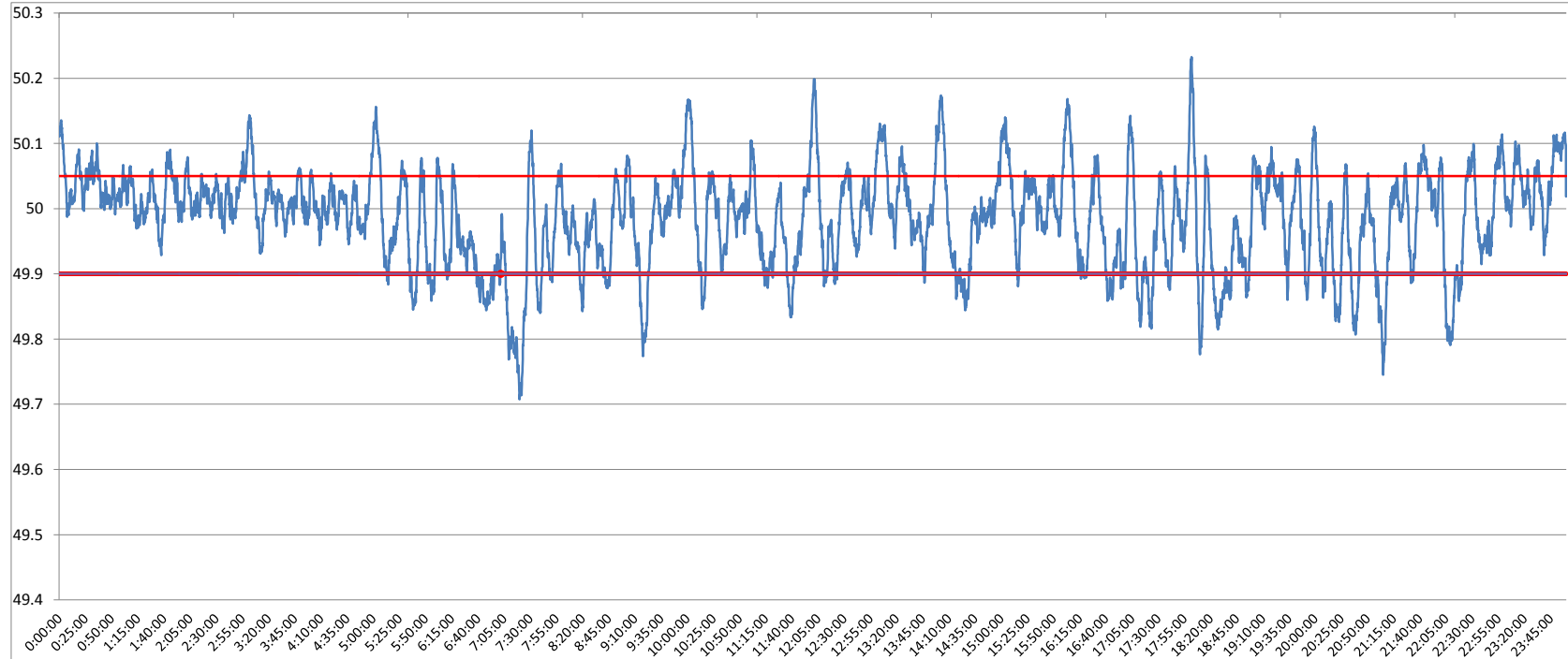


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

18-Jan-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	14.93	36.84	1.44	13.50	39.12	41.05	4.78	66.97	99.88	35.09	13.26	45.87	28.07	18.10	0.12

Average Frequency	49.98	Frequency Variation Index :	0.060	Standard Deviation :	0.076
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Instantaneous Frequency	
Max	50.23 18:02:00
Min	49.71 7:19:50

15 minute average Frequency		
Max	50.088	0:00:00
Min	49.834	7:30:00

No. of excursion above 50.03 Hz	132
No. of excursion below 49.97 Hz	108
No. of excursion above 50.00 Hz	138
No. of excursion below 50.00 Hz	140

Average time freq remains below 49.97 per excursion	0:04:55	Average time frequency remains above 50.03 per excursion	0:03:04
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