

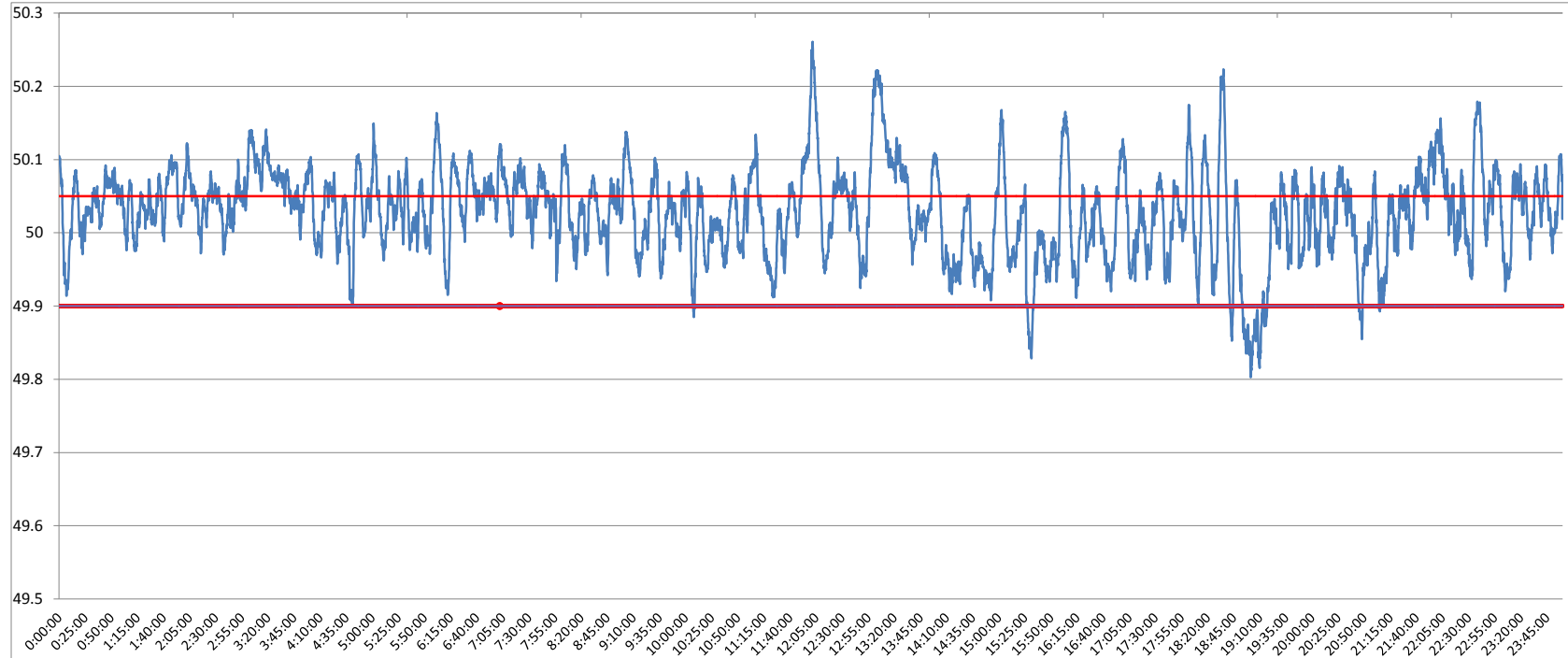


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

31-Mar-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	2.57	16.56	0.00	2.57	27.71	60.56	8.37	60.35	99.20	31.30	28.10	69.68	52.14	37.08	0.80

Average Frequency	50.03	Frequency Variation Index :	0.045	Standard Deviation :	0.061
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Instantaneous Frequency		
Max	50.26	12:01:40
Min	49.80	19:01:10

15 minute average Frequency		
Max	50.171	13:15:00
Min	49.860	19:15:00

No. of excursion above 50.03 Hz	179
No. of excursion below 49.97 Hz	86
No. of excursion above 50.00 Hz	136
No. of excursion below 50.00 Hz	137

Average time freq remains below 49.97 per excursion	0:02:46	Average time frequency remains above 50.03 per excursion	0:04:12
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