

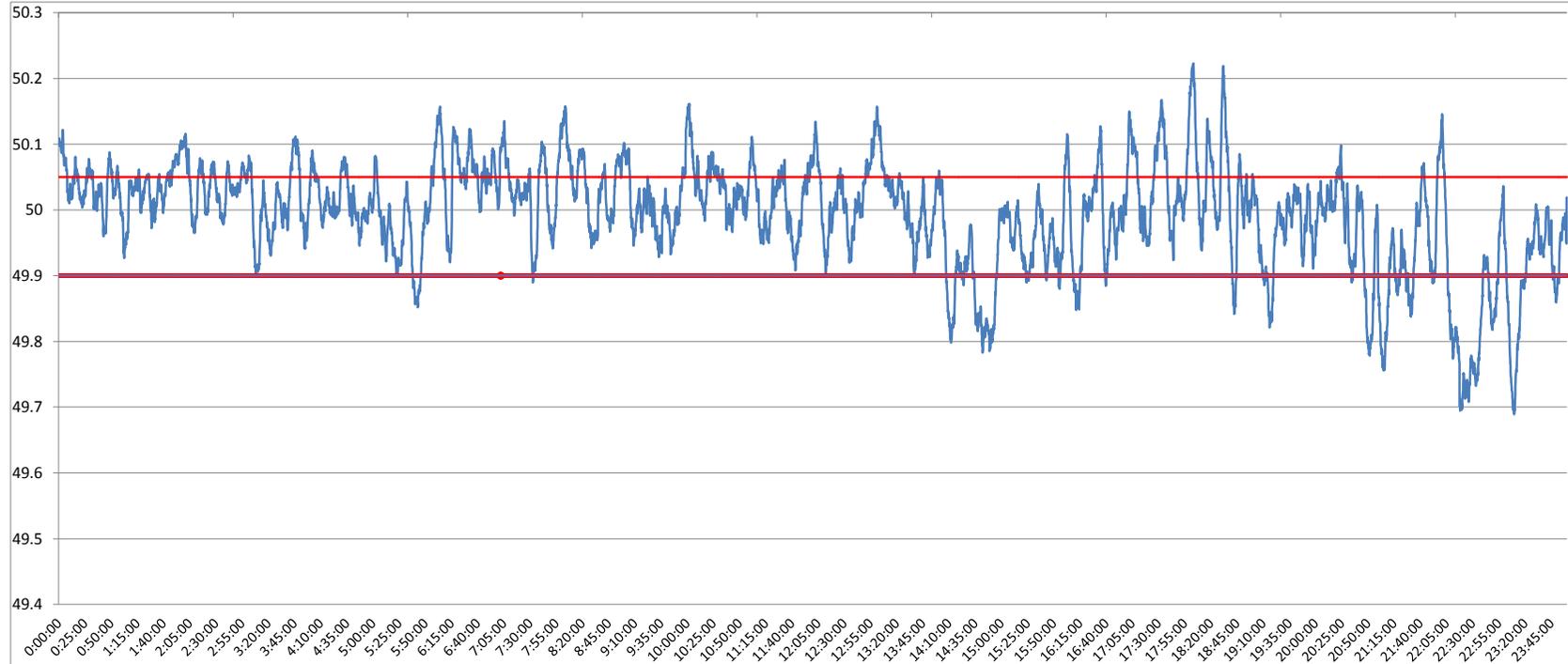


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

06-Apr-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	0.13	11.50	30.87	2.73	8.65	35.74	46.92	5.60	65.69	99.64	35.41	17.04	52.70	33.73	22.80	0.23

Average Frequency	49.99	Frequency Variation Index :	0.065	Standard Deviation :	0.081
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Instantaneous Frequency		
Max	50.22	18:03:20
Min	49.69	23:09:30

15 minute average Frequency		
Max	50.082	8:15:00
Min	49.740	22:30:00

No. of excursion above 50.03 Hz	137
No. of excursion below 49.97 Hz	98
No. of excursion above 50.00 Hz	159
No. of excursion below 50.00 Hz	158

Average time freq remains below 49.97 per excursion	0:04:32	Average time frequency remains above 50.03 per excursion	0:03:33
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