

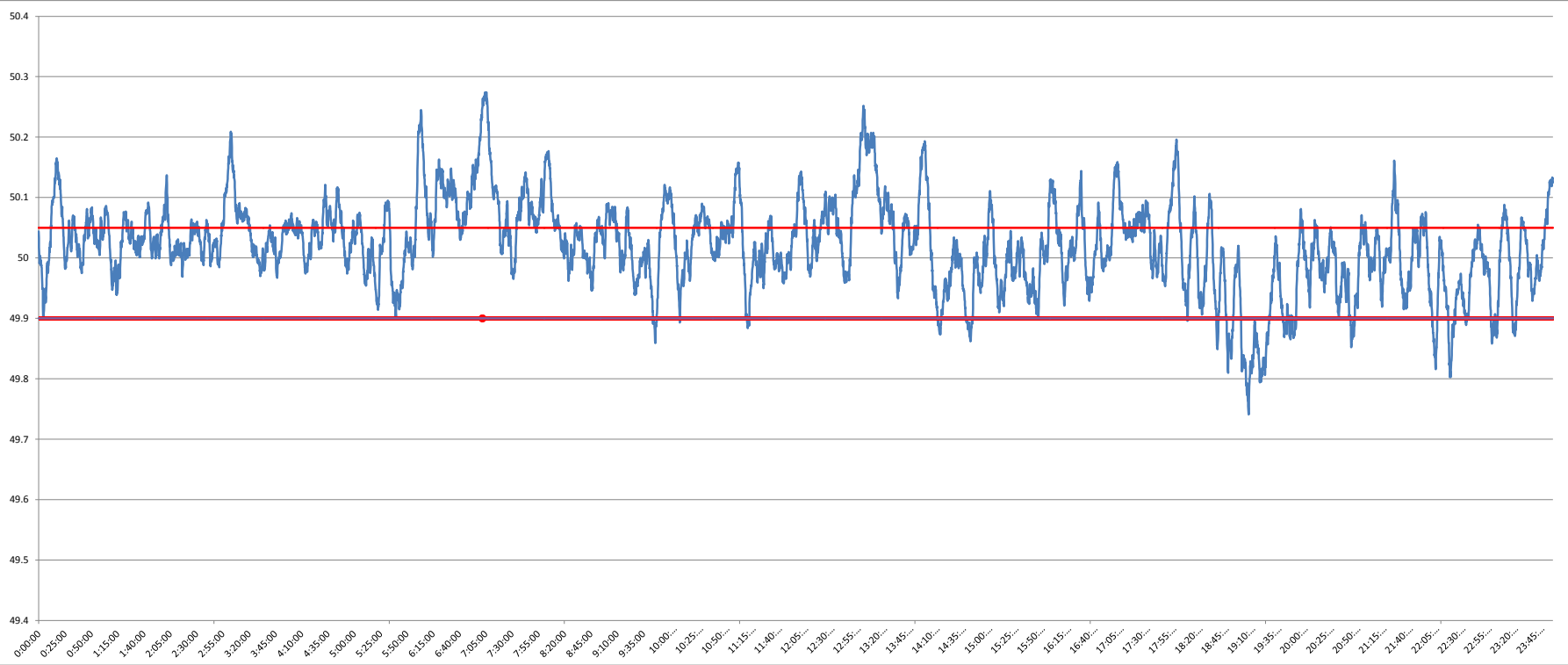


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

16-Apr-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	0.00	6.02	21.06	0.28	5.74	29.58	52.52	10.53	61.84	98.66	34.14	21.20	63.50	44.79	32.14	1.34

Average Frequency	50.02	Frequency Variation Index :	0.058	Standard Deviation :	0.074
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Instantaneous Frequency	
MAX	50.27 7:04:30
Min	49.74 19:10:30

15 minute average Frequency	
Max	50.197 13:15:00
Min	49.843 19:30:00

No. of excursion above 50.03 Hz	113
No. of excursion below 49.97 Hz	88
No. of excursion above 50.00 Hz	108
No. of excursion below 50.00 Hz	113

Average time freq remains below 49.97 per excursion	0:03:27	Average time frequency remains above 50.03 per excursion	0:05:42
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