

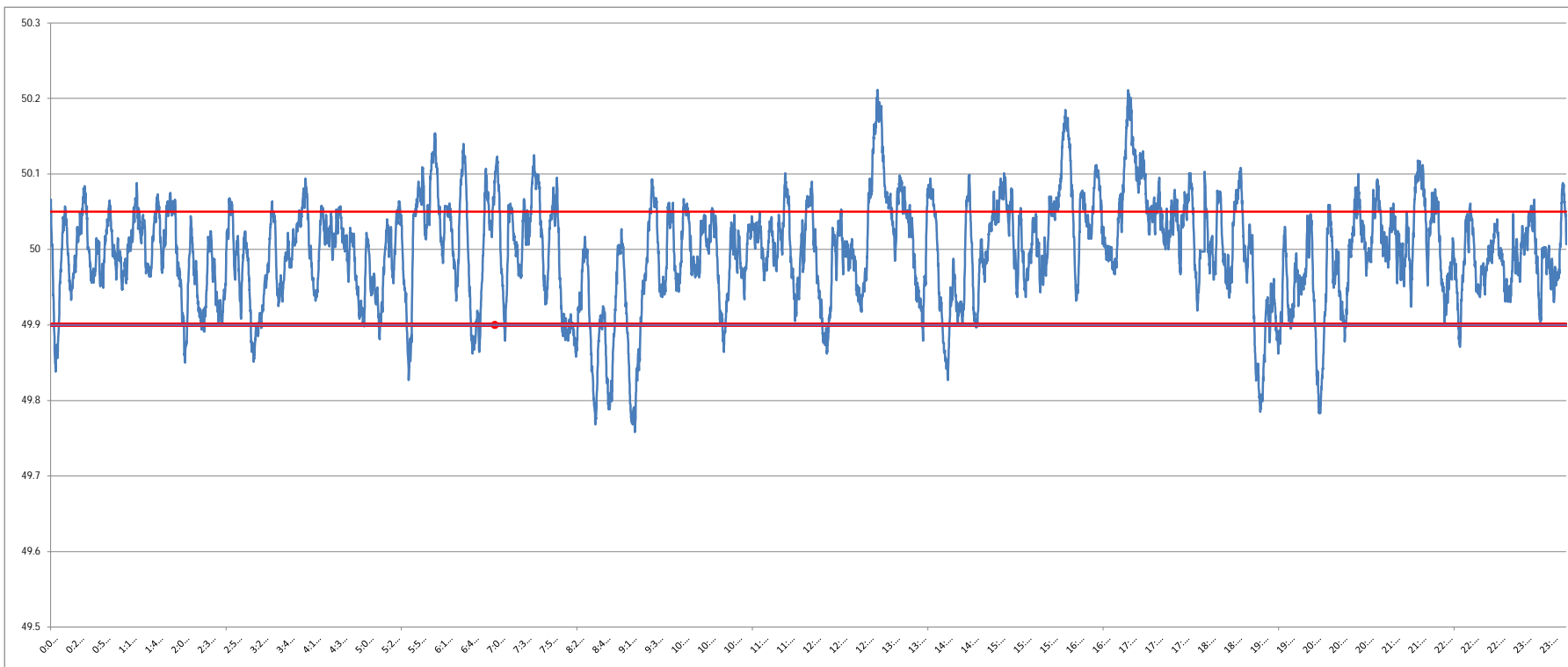


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

14-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	8.23	32.01	0.98	7.25	40.93	46.50	4.20	70.98	99.86	35.51	17.16	49.66	32.48	20.79	0.14

Average Frequency	50.00	Frequency Variation Index :	0.047	Standard Deviation :	0.068
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Instantaneous Frequency		
MAX	50.21	13:05:20
Min	49.76	9:15:00

15 minute average Frequency		
Max	50.141	17:15:00
Min	49.868	8:45:00

No. of excursion above 50.03 Hz	120
No. of excursion below 49.97 Hz	111
No. of excursion above 50.00 Hz	108
No. of excursion below 50.00 Hz	108

Average time freq remains below 49.97 per excursion	0:04:09	Average time frequency remains above 50.03 per excursion	0:03:54
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