

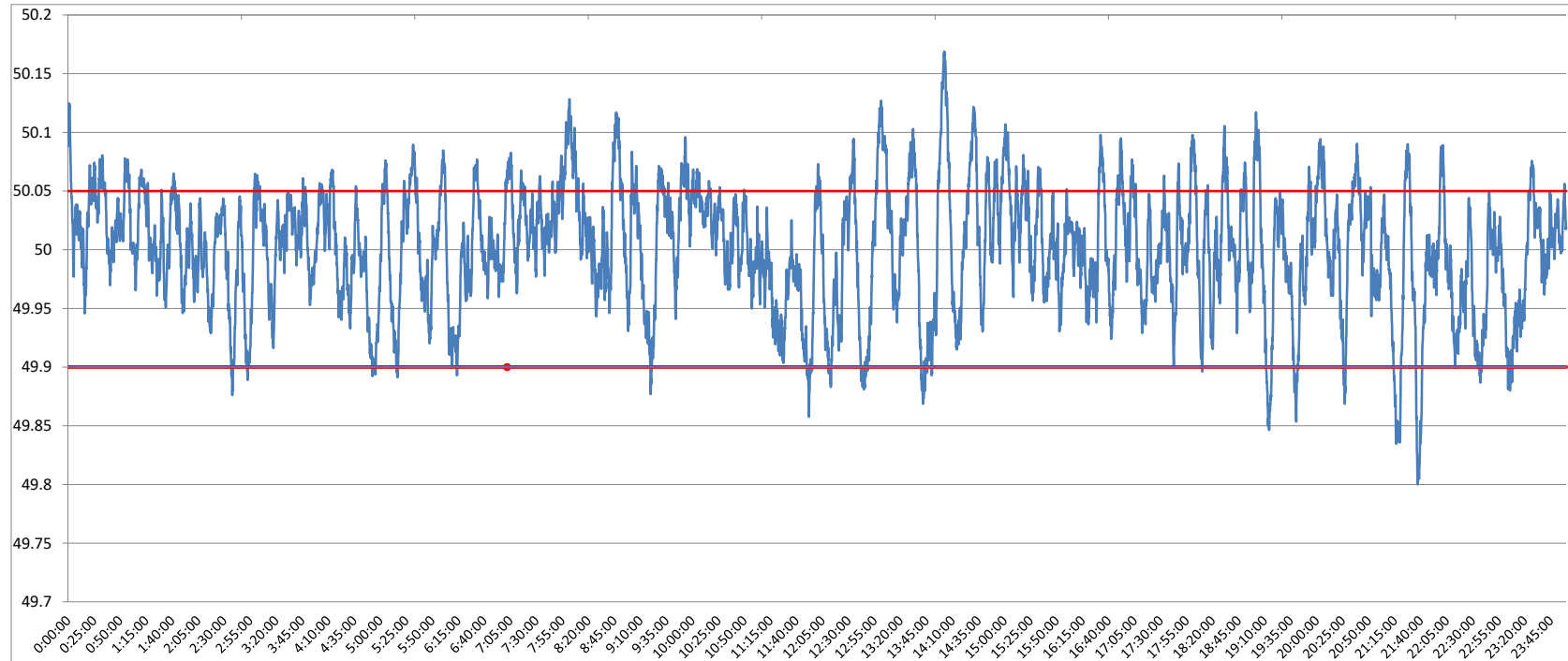


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

12-Jun-17



<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	3.74	25.80	0.00	3.74	42.65	51.96	1.66	79.10	100.00	43.72	15.59	53.56	30.49	17.16	0.00

Average Frequency	50.00	Frequency Variation Index :	0.027	Standard Deviation :	0.052
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Instantaneous Frequency	
Max	50.17 14:02:20
Min	49.80 21:37:10

15 minute average Frequency		
Max	50.063	8:15:00
Min	49.912	21:45:00

No. of excursion above 50.03 Hz	175
No. of excursion below 49.97 Hz	131
No. of excursion above 50.00 Hz	194
No. of excursion below 50.00 Hz	194

Average time freq remains below 49.97 per excursion	0:02:50	Average time frequency remains above 50.03 per excursion	0:02:31
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