

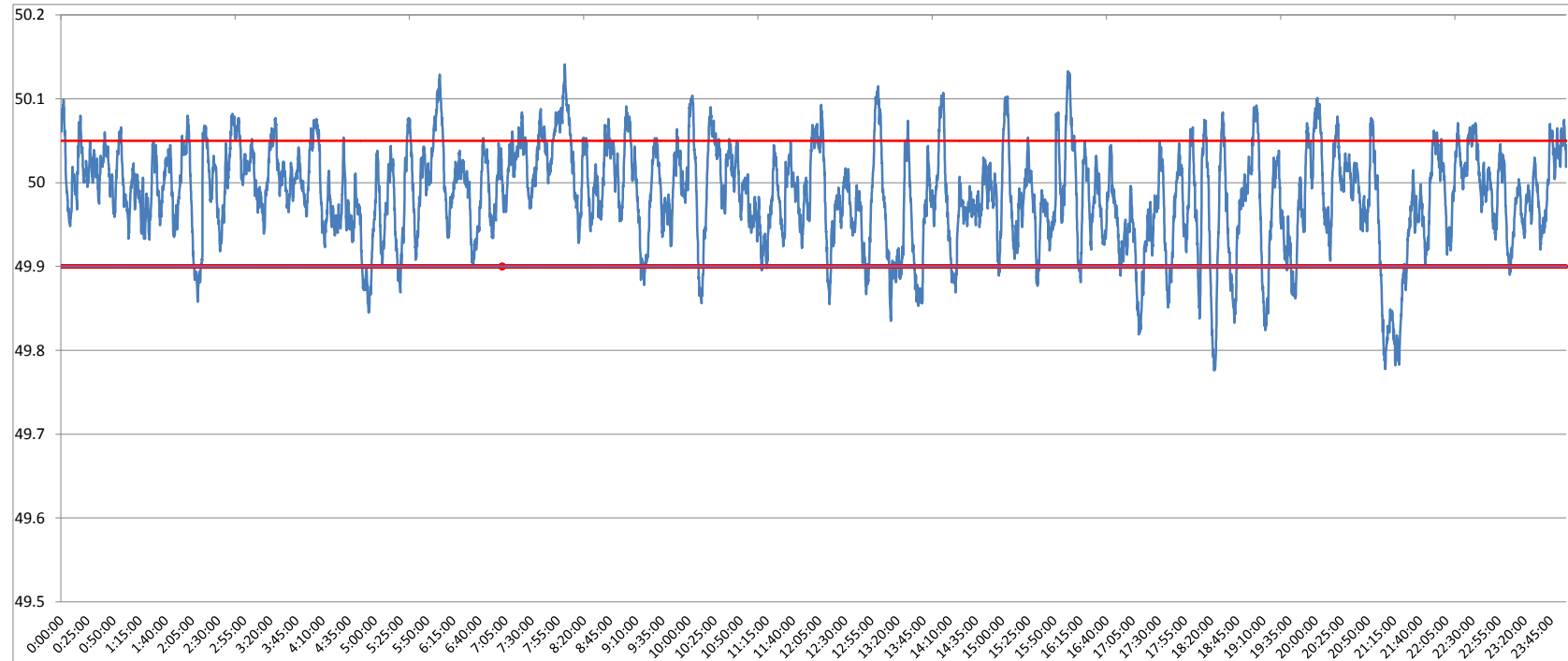


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

24-Jun-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	8.87	36.08	0.52	8.34	47.82	42.26	1.05	78.39	100.00	40.66	12.20	42.20	23.26	12.74	0.00

Average Frequency	49.99	Frequency Variation Index :	0.037	Standard Deviation :	0.059
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Instantaneous Frequency	
Max	50.14 8:01:50
Min	49.78 18:23:10

15 minute average Frequency		
Max	50.054	8:00:00
Min	49.843	21:15:00

No. of excursion above 50.03 Hz	101
No. of excursion below 49.97 Hz	132
No. of excursion above 50.00 Hz	109
No. of excursion below 50.00 Hz	111

Average time freq remains below 49.97 per excursion	0:03:56	Average time frequency remains above 50.03 per excursion	0:03:19
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