

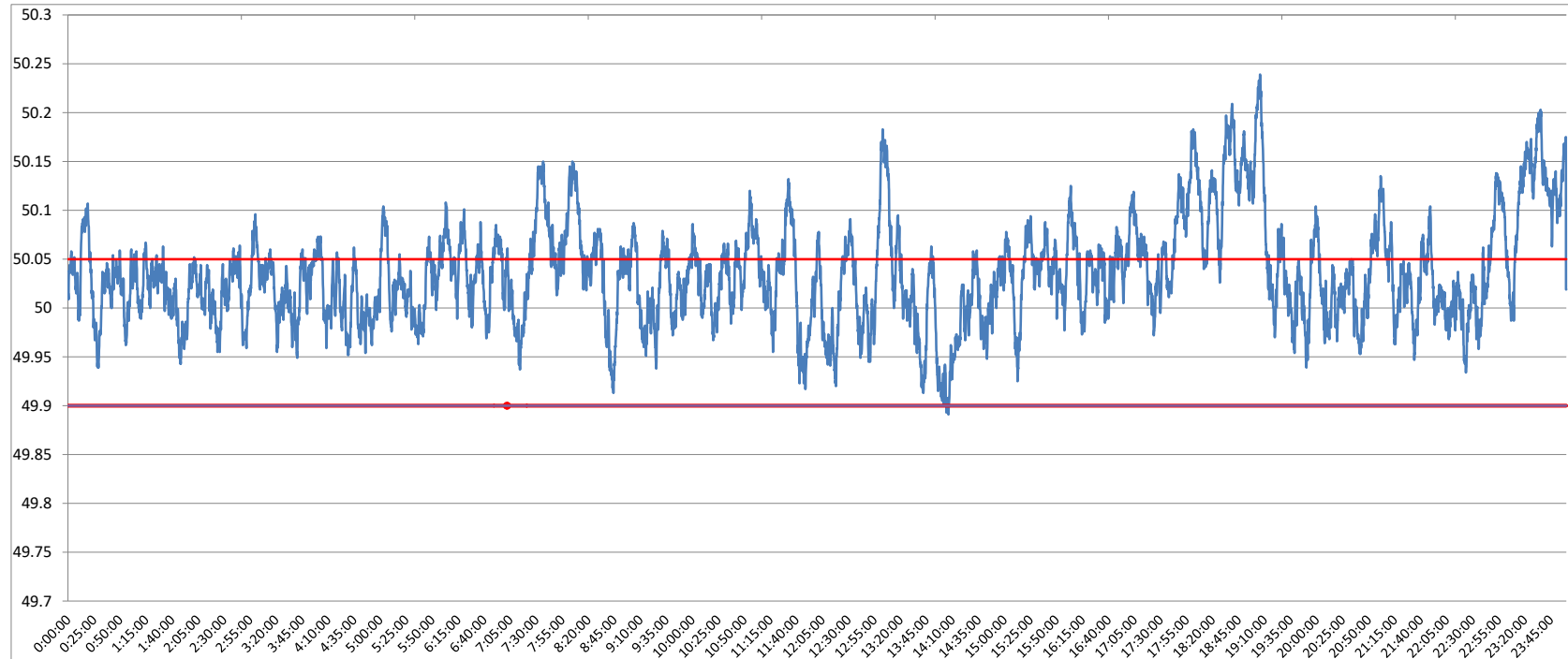


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

19-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	0.07	8.18	0.00	0.07	24.93	63.18	11.41	67.27	99.59	41.44	21.92	73.63	50.38	32.66	0.41

Average Frequency	50.04	Frequency Variation Index :	0.040	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.24	19:05:30
Min	49.89	14:06:10

15 minute average Frequency		
Max	50.164	18:45:00
Min	49.932	14:15:00

No. of excursion above 50.03 Hz	155
No. of excursion below 49.97 Hz	76
No. of excursion above 50.00 Hz	122
No. of excursion below 50.00 Hz	134

Average time freq remains below 49.97 per excursion	0:01:33	Average time frequency remains above 50.03 per excursion	0:04:41
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