

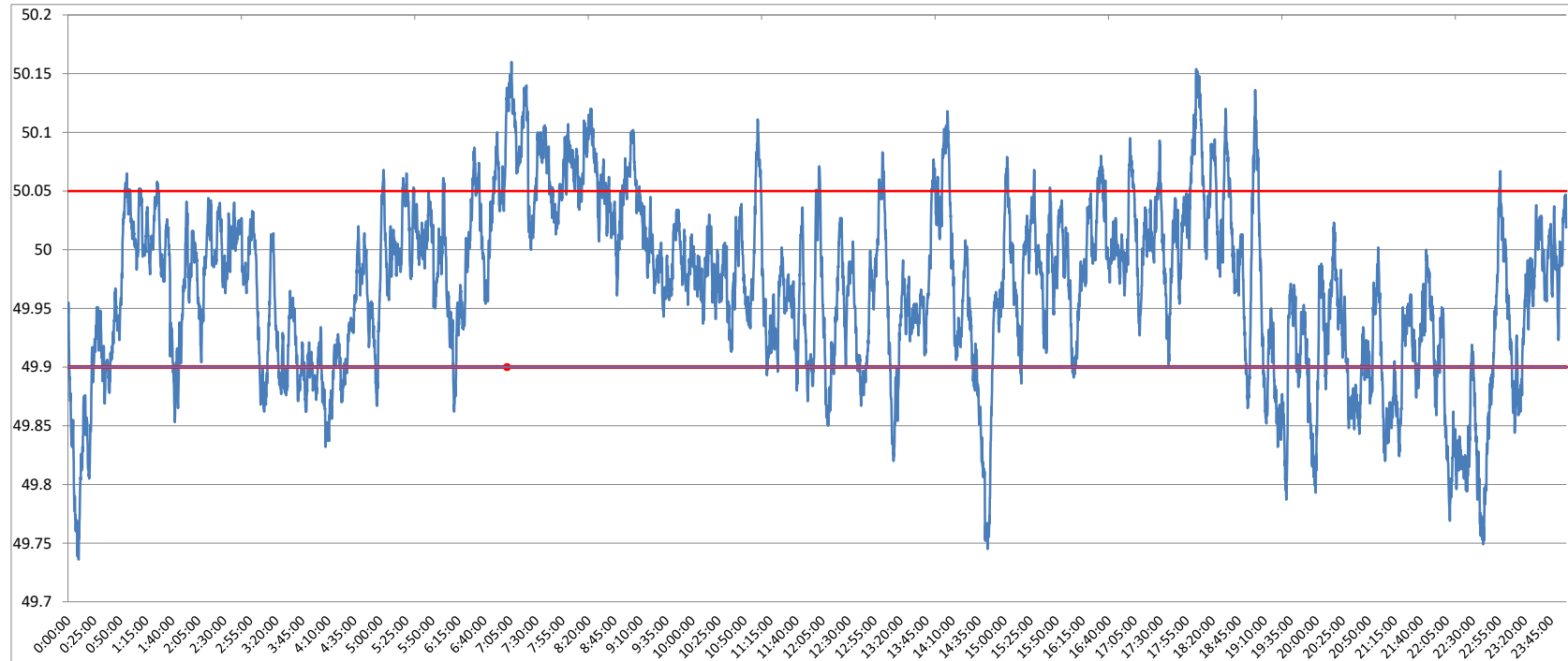


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

04-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	18.13	47.03	1.59	16.54	46.12	33.23	2.52	69.47	100.00	32.95	10.38	34.72	20.02	12.41	0.00

Average Frequency	49.97	Frequency Variation Index :	0.063	Standard Deviation :	0.073
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Instantaneous Frequency	
Max	50.16 7:06:10
Min	49.74 0:10:10

15 minute average Frequency		
Max	50.110	7:15:00
Min	49.812	22:45:00

No. of excursion above 50.03 Hz	84
No. of excursion below 49.97 Hz	105
No. of excursion above 50.00 Hz	99
No. of excursion below 50.00 Hz	105

Average time freq remains below 49.97 per excursion	0:06:27	Average time frequency remains above 50.03 per excursion	0:03:26
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