

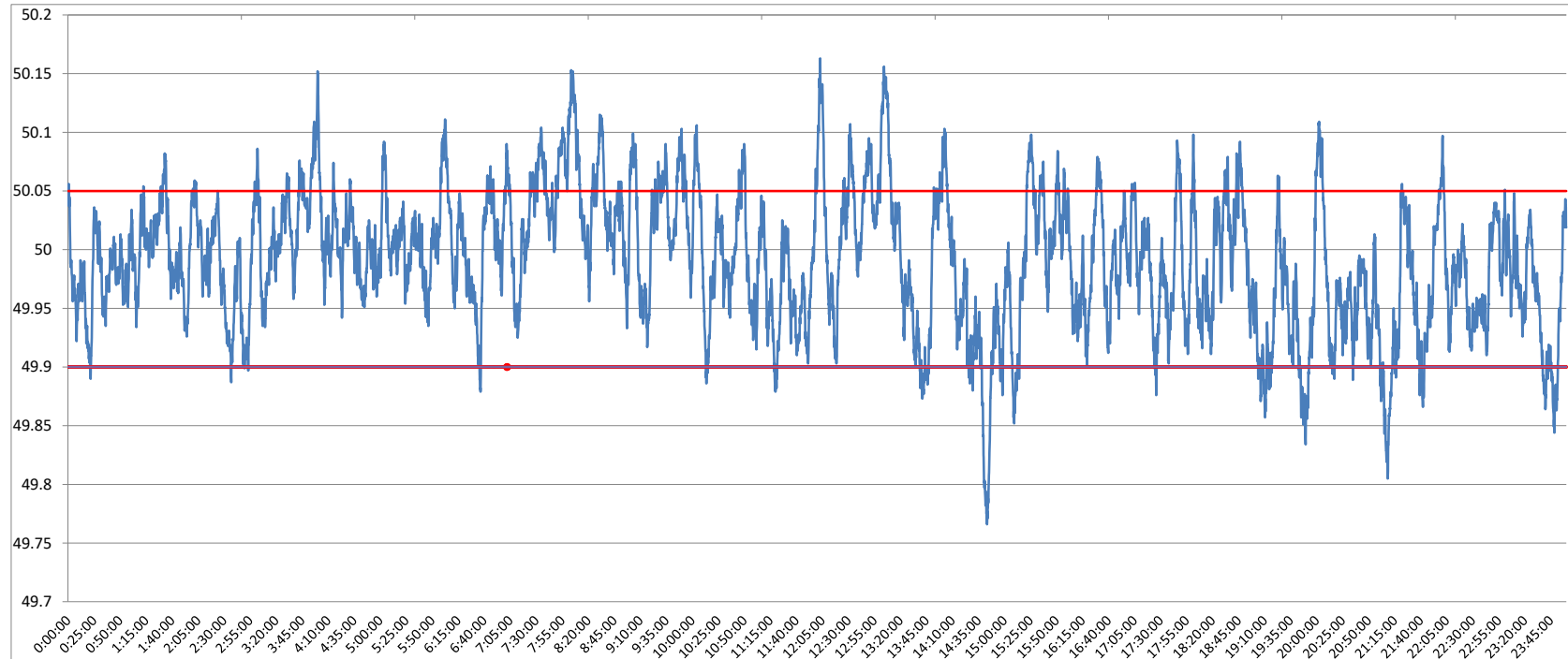


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

15-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	5.45	35.46	0.27	5.19	48.68	43.70	2.16	79.87	100.00	39.83	13.01	44.73	24.71	14.68	0.00

Average Frequency	49.99	Frequency Variation Index :	0.034	Standard Deviation :	0.057
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Instantaneous Frequency	
Max	50.16 12:02:50
Min	49.77 14:43:10

15 minute average Frequency		
Max	50.093	8:15:00
Min	49.871	14:45:00

No. of excursion above 50.03 Hz	106
No. of excursion below 49.97 Hz	139
No. of excursion above 50.00 Hz	105
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:03:40	Average time frequency remains above 50.03 per excursion	0:03:21
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