

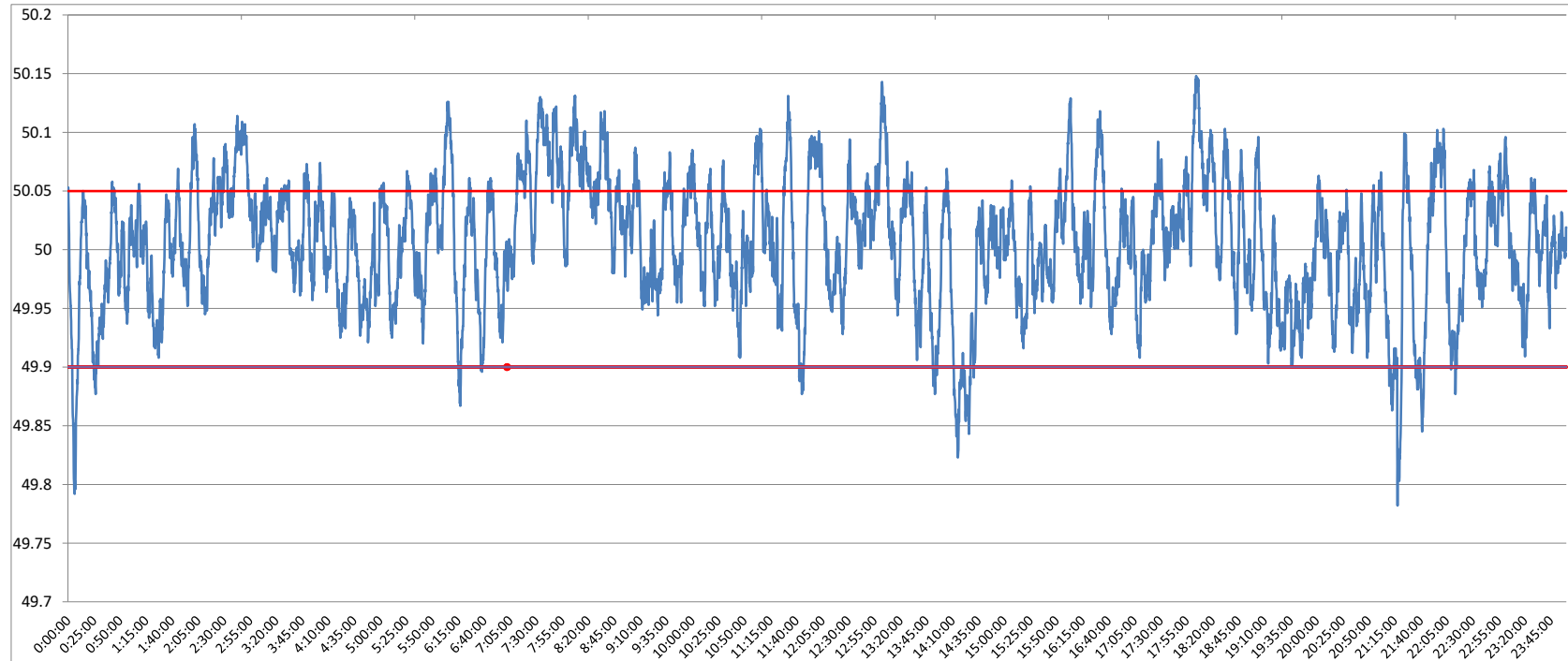


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

16-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	3.54	25.52	0.08	3.46	40.97	52.25	3.24	76.10	100.00	40.23	17.99	54.22	34.25	20.36	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.030</b>	<b>Standard Deviation :</b>	<b>0.055</b>
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Instantaneous Frequency	
Max	50.15 18:04:10
Min	49.78 21:17:40

15 minute average Frequency		
Max	50.097	7:45:00
Min	49.884	14:30:00

No. of excursion above 50.03 Hz	147
No. of excursion below 49.97 Hz	139
No. of excursion above 50.00 Hz	119
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:02:39	Average time frequency remains above 50.03 per excursion	0:03:21
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