

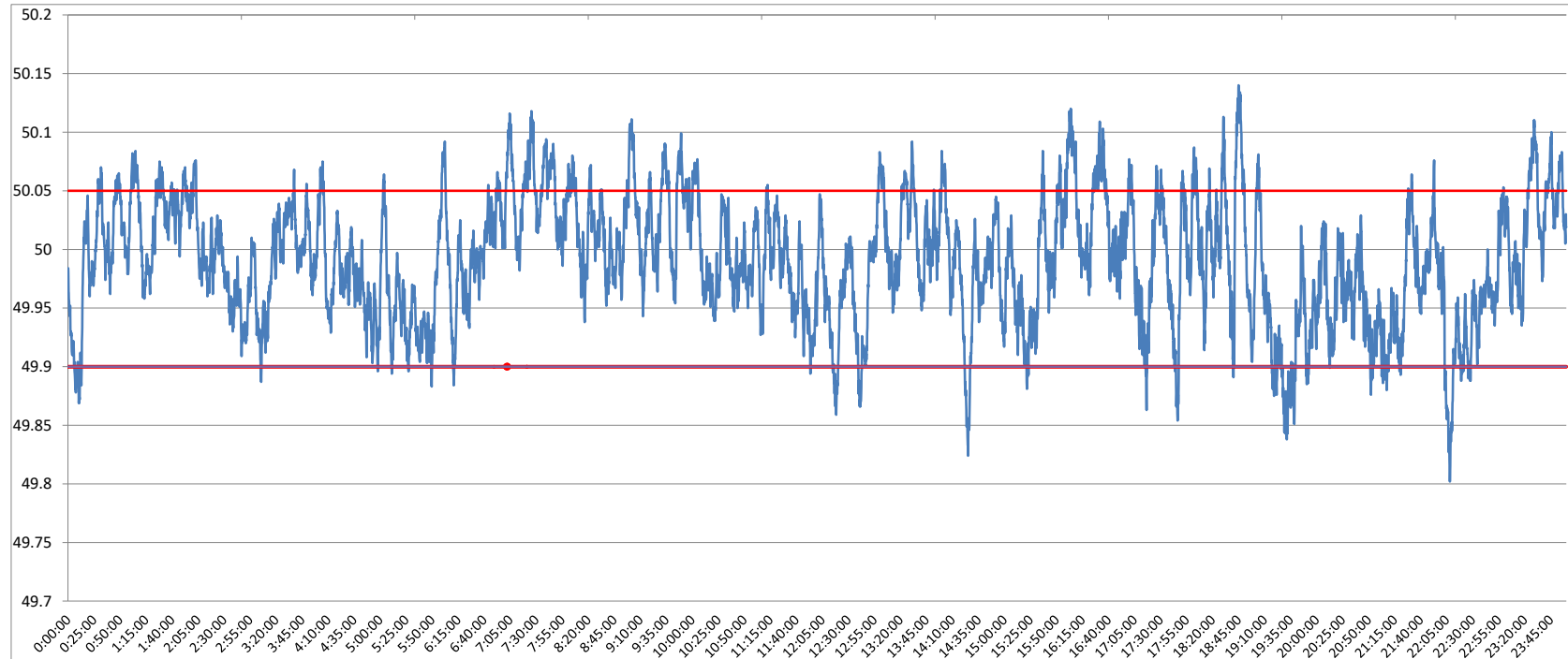


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

18-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	4.47	33.96	0.00	4.47	51.45	43.01	1.08	81.69	100.00	41.82	13.24	42.73	24.22	13.84	0.00

Average Frequency	49.99	Frequency Variation Index :	0.028	Standard Deviation :	0.052
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Instantaneous Frequency		
Max	50.14	18:45:00
Min	49.80	22:08:00

15 minute average Frequency			
Max	50.067	7:30:00	
Min	49.895	22:15:00	

No. of excursion above 50.03 Hz	119
No. of excursion below 49.97 Hz	149
No. of excursion above 50.00 Hz	116
No. of excursion below 50.00 Hz	120

Average time freq remains below 49.97 per excursion	0:03:17	Average time frequency remains above 50.03 per excursion	0:02:56
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