

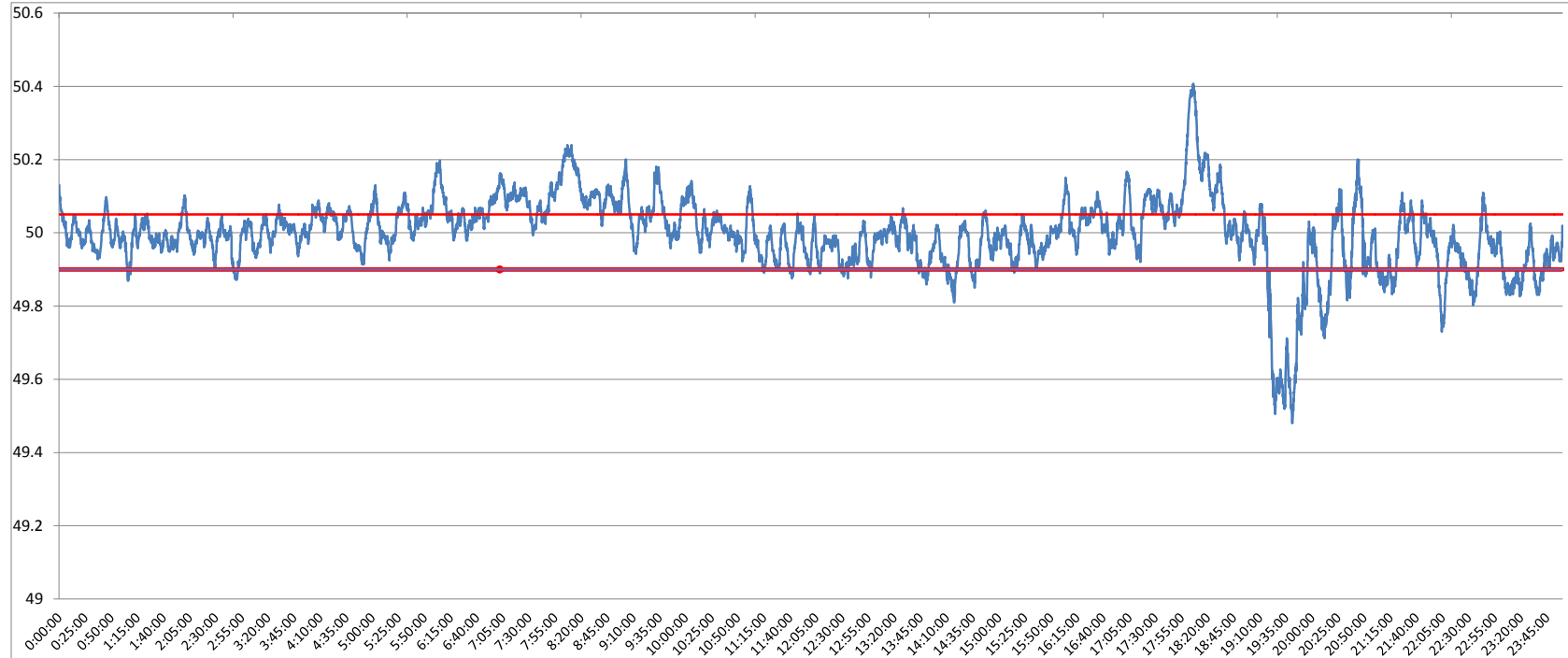


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

24-May-15



<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	1.66	11.37	30.83	1.23	8.48	36.17	40.96	9.81	62.53	96.66	34.35	15.24	50.07	34.81	26.10	1.69

Average Frequency	50.00	Frequency Variation Index :	0.101	Standard Deviation :	0.100
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Instantaneous Frequency		
Max	50.41	18:06:10
Min	49.48	19:41:00

15 minute average Frequency		
Max	50.292	18:15:00
Min	49.581	19:45:00

No. of excursion above 50.03 Hz	141
No. of excursion below 49.97 Hz	88
No. of excursion above 50.00 Hz	89
No. of excursion below 50.00 Hz	87

Average time freq remains below 49.97 per excursion	0:05:03	Average time frequency remains above 50.03 per excursion	0:03:33
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