

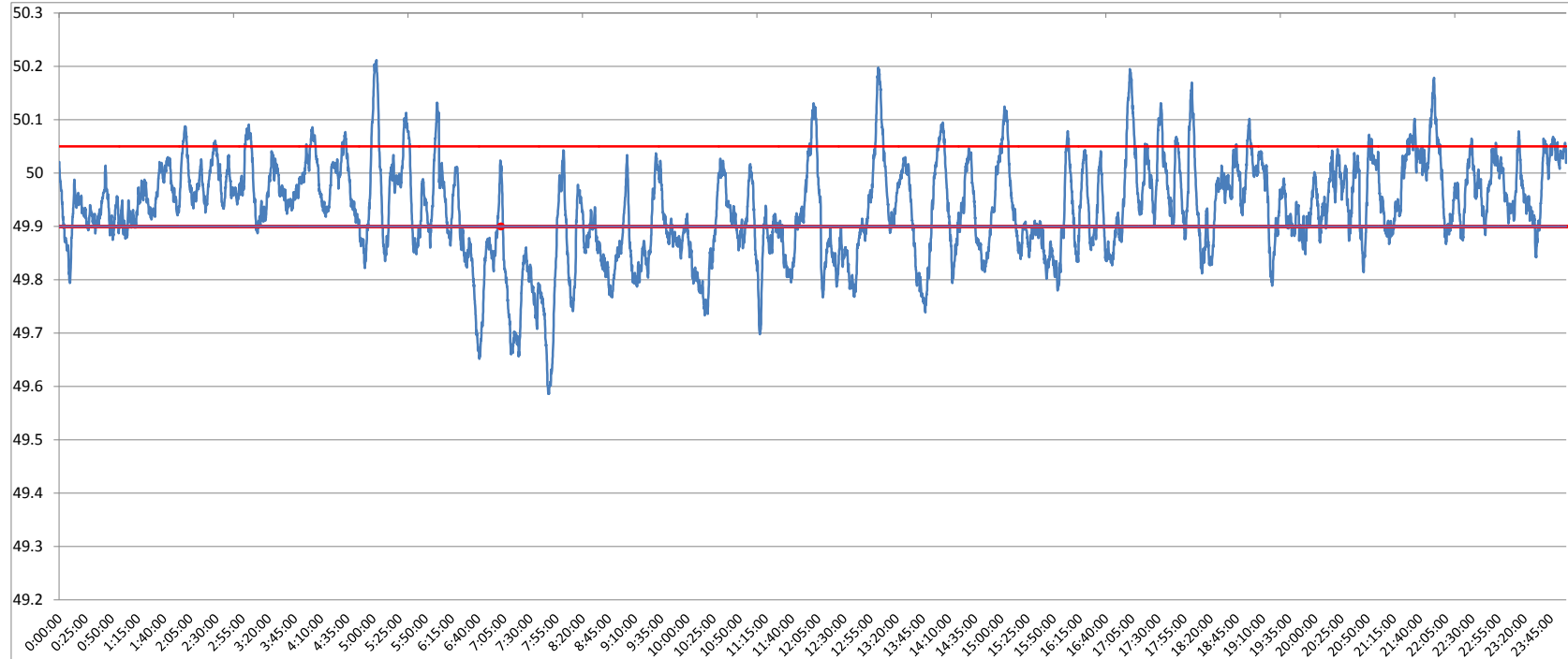


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

30-Dec-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	1.52	34.26	64.27	5.27	27.48	40.76	22.30	2.57	57.42	98.38	22.38	5.89	24.17	13.34	8.32	0.10

Average Frequency	49.93	Frequency Variation Index :	0.127	Standard Deviation :	0.091
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Instantaneous Frequency		
Max	50.21	5:03:00
Min	49.59	7:47:10

15 minute average Frequency		
Max	50.073	22:00:00
Min	49.761	6:45:00

No. of excursion above 50.03 Hz	74
No. of excursion below 49.97 Hz	81
No. of excursion above 50.00 Hz	68
No. of excursion below 50.00 Hz	66

Average time freq remains below 49.97 per excursion	0:11:26	Average time frequency remains above 50.03 per excursion	0:02:36
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