

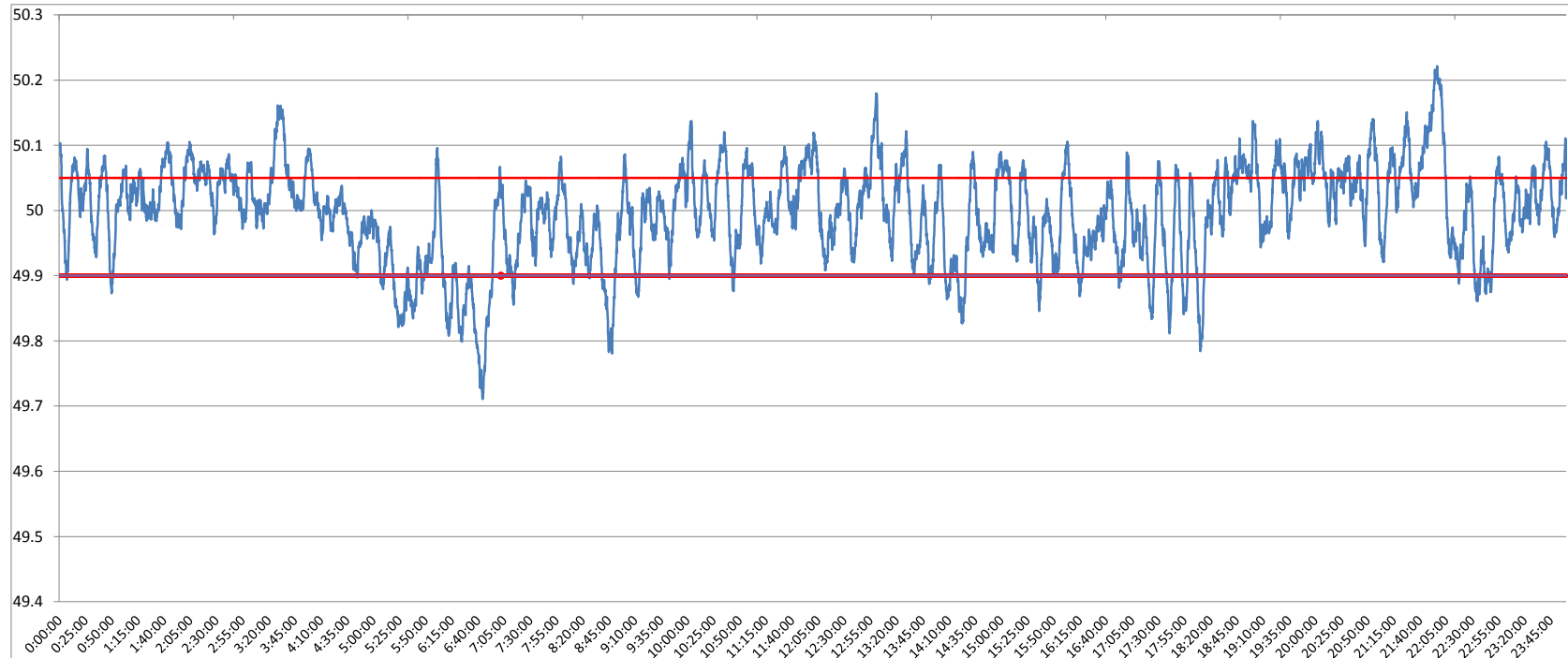


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-Oct-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	0.00	10.71	33.91	0.87	9.84	38.00	46.72	4.33	64.12	99.76	31.12	20.66	51.18	34.97	25.17	0.24

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.054</b>	<b>Standard Deviation :</b>	<b>0.074</b>
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Instantaneous Frequency	
Max	50.22 21:56:20
Min	49.71 6:44:30

15 minute average Frequency	
Max	50.163 22:00:00
Min	49.819 6:45:00

No. of excursion above 50.03 Hz	126
No. of excursion below 49.97 Hz	109
No. of excursion above 50.00 Hz	144
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:04:29	Average time frequency remains above 50.03 per excursion	0:04:00
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