

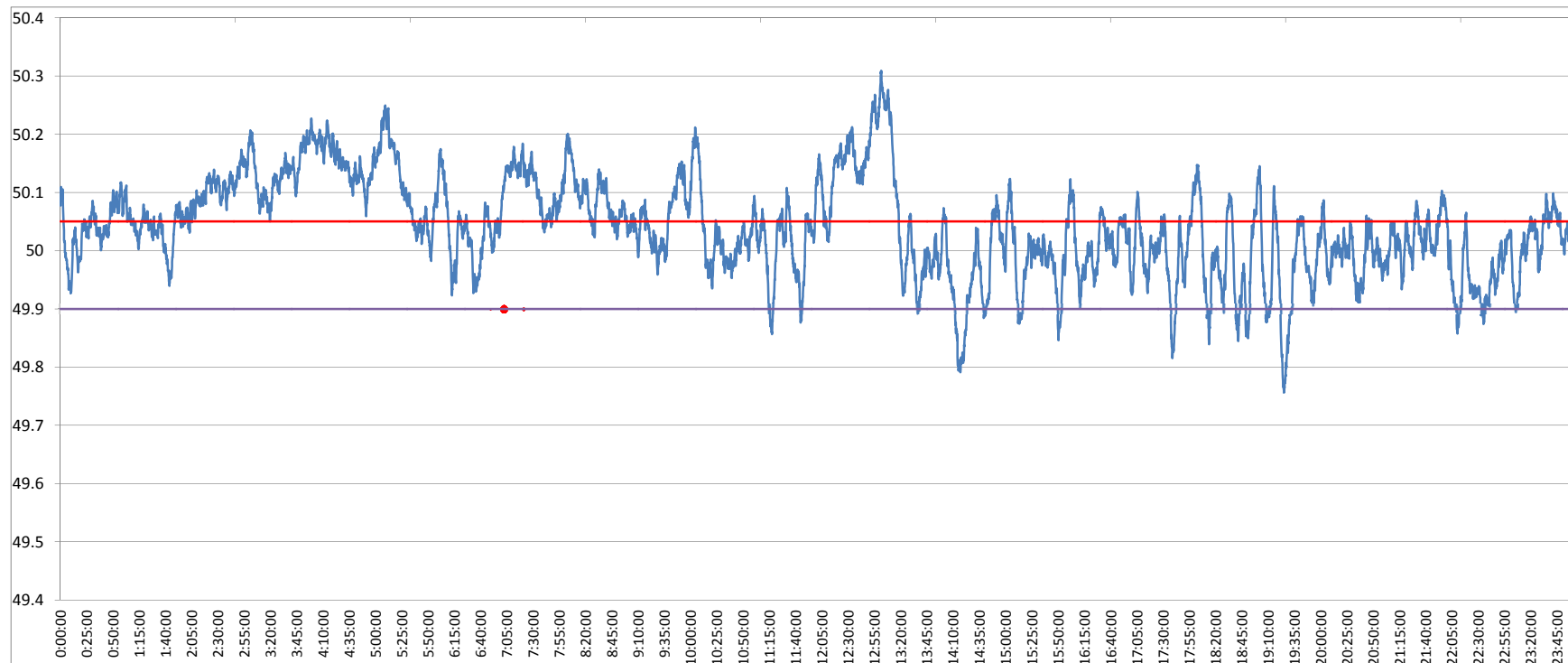


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

27-Jul-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	4.63	18.98	0.31	4.32	26.10	45.57	21.18	52.18	97.48	26.37	19.66	69.19	54.65	43.19	2.52

<b>Average Frequency</b>	<b>50.04</b>	<b>Frequency Variation Index :</b>	<b>0.087</b>	<b>Standard Deviation :</b>	<b>0.084</b>
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Instantaneous Frequency	
Max	50.31 13:01:30
Min	49.76 19:25:00

15 minute average Frequency	
Max	50.232 13:15:00
Min	49.877 14:30:00

No. of excursion above 50.03 Hz	120
No. of excursion below 49.97 Hz	80
No. of excursion above 50.00 Hz	119
No. of excursion below 50.00 Hz	118

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:25</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:06:34</b>
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