

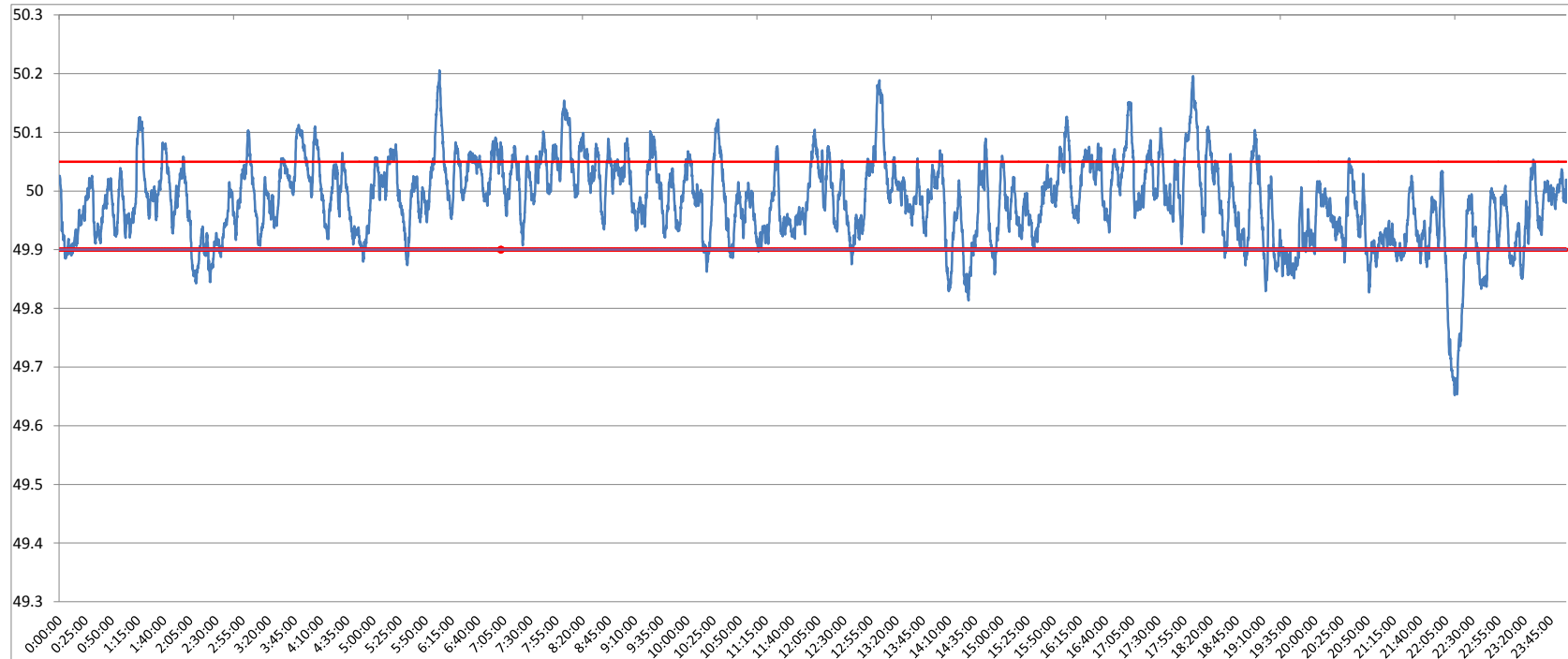


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-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	0.44	10.07	41.08	0.52	9.11	48.36	37.91	3.63	73.61	99.53	32.82	12.73	41.55	26.10	16.32	0.03

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.051</b>	<b>Standard Deviation :</b>	<b>0.070</b>
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Instantaneous Frequency		
Max	50.21	6:03:20
Min	49.65	22:13:20

15 minute average Frequency		
Max	50.088	13:15:00
Min	49.809	22:15:00

No. of excursion above 50.03 Hz	105
No. of excursion below 49.97 Hz	112
No. of excursion above 50.00 Hz	135
No. of excursion below 50.00 Hz	133

Average time freq remains below 49.97 per excursion	0:05:17	Average time frequency remains above 50.03 per excursion	0:03:35
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