

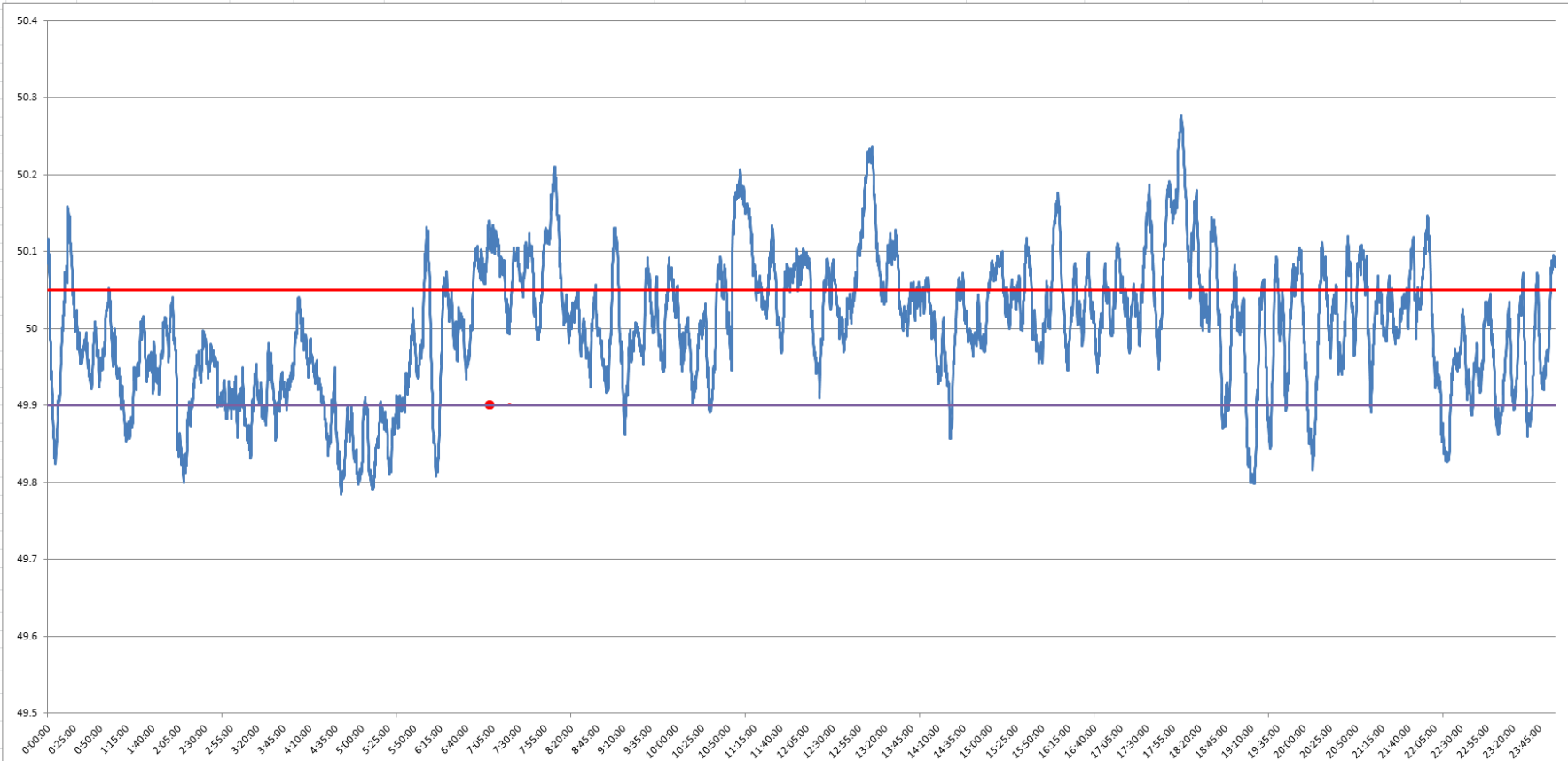


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-Apr-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	13.13	35.06	0.37	12.75	34.98	41.19	9.65	59.20	98.95	27.42	17.05	51.85	37.52	27.67	1.05

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.072</b>	<b>Standard Deviation :</b>	<b>0.085</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
MAX	50.28 18:02:50	Max	50.176 13:15:00	131		94	
Min	49.78 4:40:00	Min	49.844 5:15:00	113		111	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:22</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:07</b>
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