

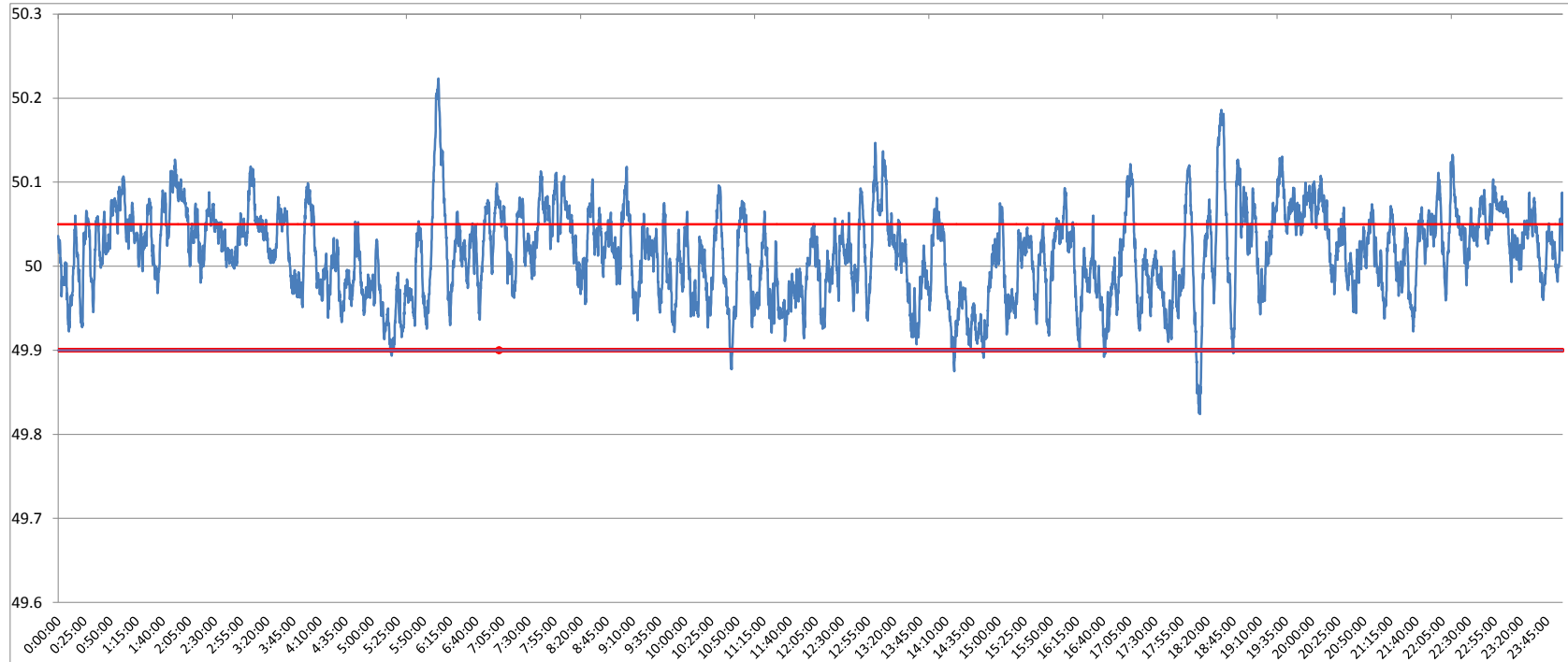


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

31-Aug-16



<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	0.79	20.84	0.00	0.79	37.18	58.11	3.74	73.22	99.81	37.36	22.15	61.97	41.79	26.00	0.19

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.029</b>	<b>Standard Deviation :</b>	<b>0.052</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	50.22 6:03:50	Max	50.104 6:15:00	182		128	
Min	49.82 18:12:50	Min	49.927 14:45:00	146		142	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:21</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:18</b>
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