

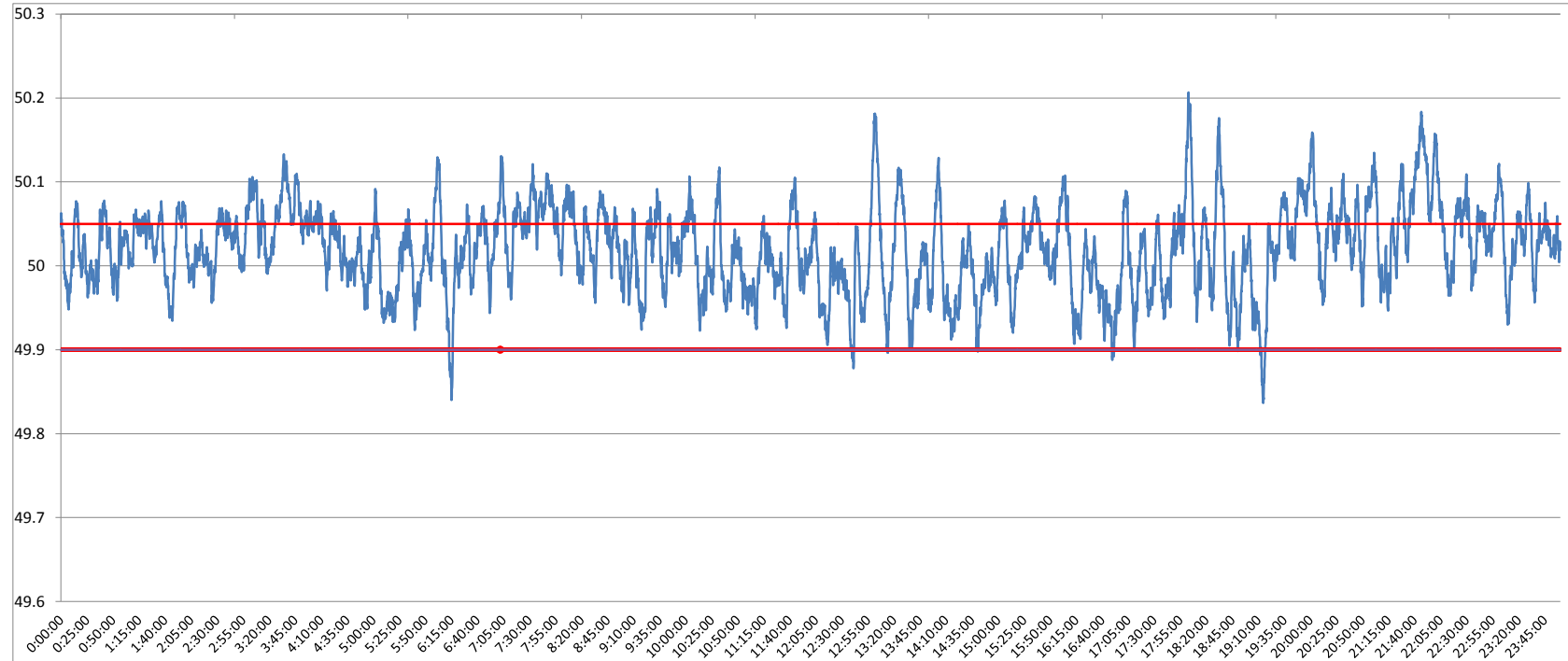


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

30-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	0.95	17.40	0.00	0.95	33.82	59.78	5.43	70.21	99.98	39.25	23.55	65.13	43.36	28.84	0.02

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.030</b>	<b>Standard Deviation :</b>	<b>0.051</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		156	
Max	50.21 18:02:50	Max	50.119 22:00:00	No. of excursion below 49.97 Hz		119	
Min	49.84 19:14:40	Min	49.944 19:15:00	No. of excursion above 50.00 Hz		152	
				No. of excursion below 50.00 Hz		155	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:06</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:00</b>
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