

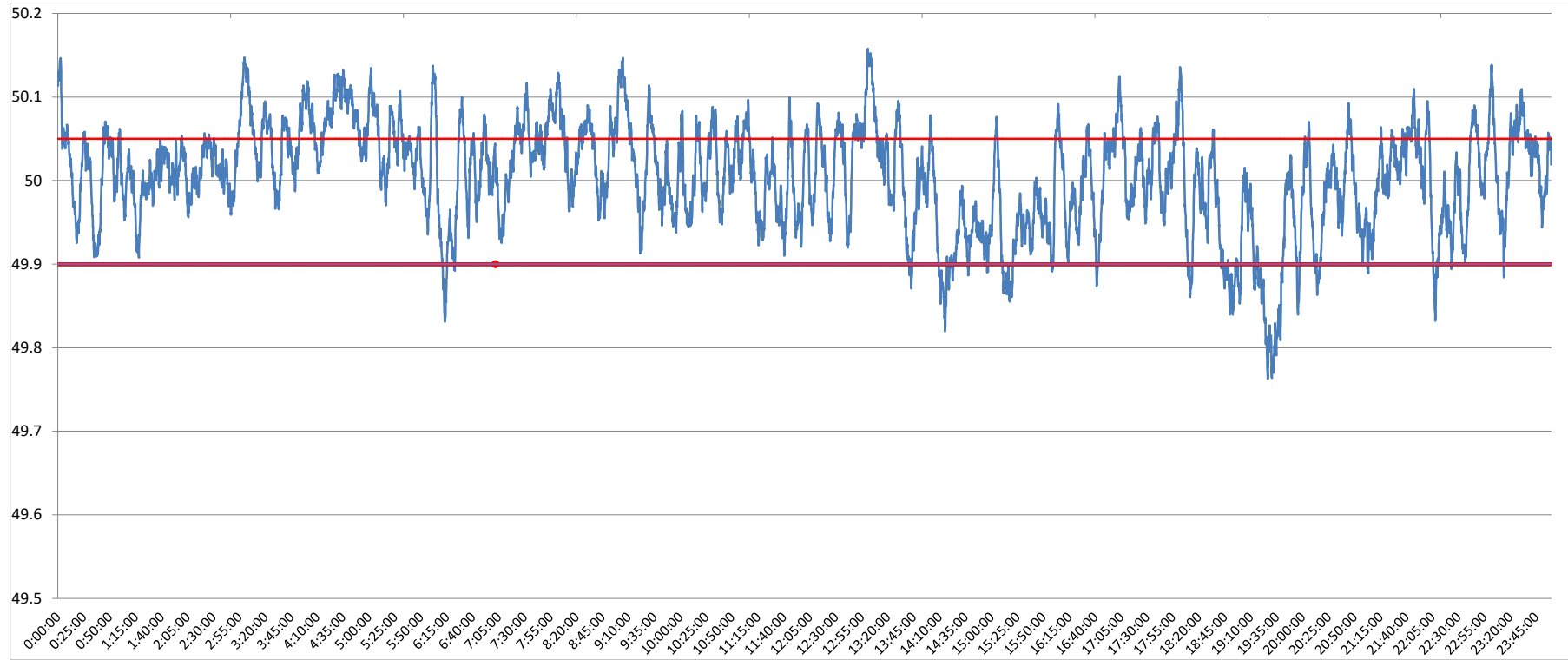


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

16-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	6.62	27.62	0.31	6.31	37.57	51.13	4.68	68.09	100.00	34.35	20.72	55.72	38.03	25.29	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.040</b>	<b>Standard Deviation :</b>	<b>0.063</b>
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Instantaneous Frequency	
Max	50.16 13:01:00
Min	49.76 19:26:30

15 minute average Frequency	
Max	50.105 4:45:00
Min	49.849 19:30:00

No. of excursion above 50.03 Hz	160
No. of excursion below 49.97 Hz	98
No. of excursion above 50.00 Hz	148
No. of excursion below 50.00 Hz	147

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:03</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:25</b>
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