

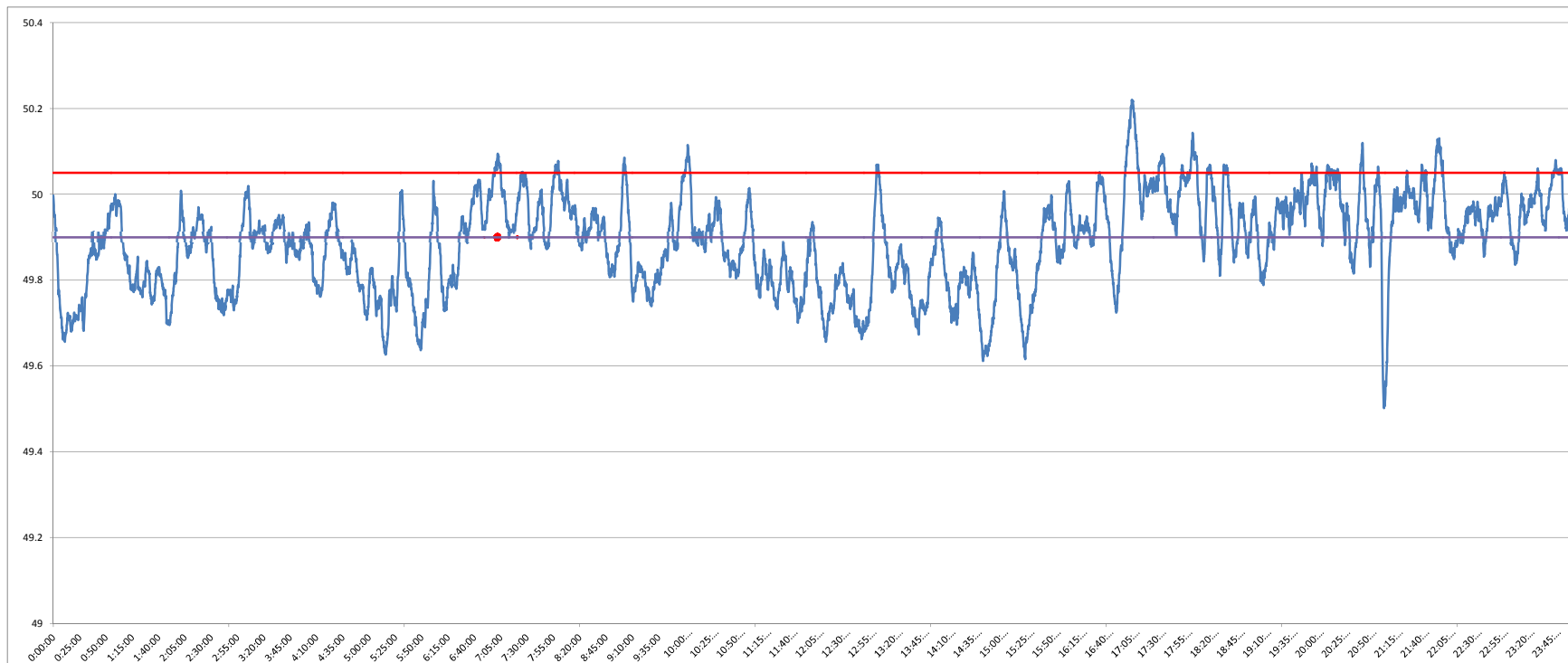


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-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	4.28	50.81	75.61	19.21	27.31	33.19	14.86	0.98	43.58	95.57	15.08	4.53	15.95	9.31	5.61	0.15

<b>Average Frequency</b>	<b>49.89</b>	<b>Frequency Variation Index :</b>	<b>0.244</b>	<b>Standard Deviation :</b>	<b>0.109</b>
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Instantaneous Frequency	
MAX	50.22 17:04:30
Min	49.50 21:04:00

15 minute average Frequency	
Max	50.108 17:15:00
Min	49.706 15:30:00

No. of excursion above 50.03 Hz	55
No. of excursion below 49.97 Hz	92
No. of excursion above 50.00 Hz	63
No. of excursion below 50.00 Hz	64

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:11:50</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:26</b>
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