

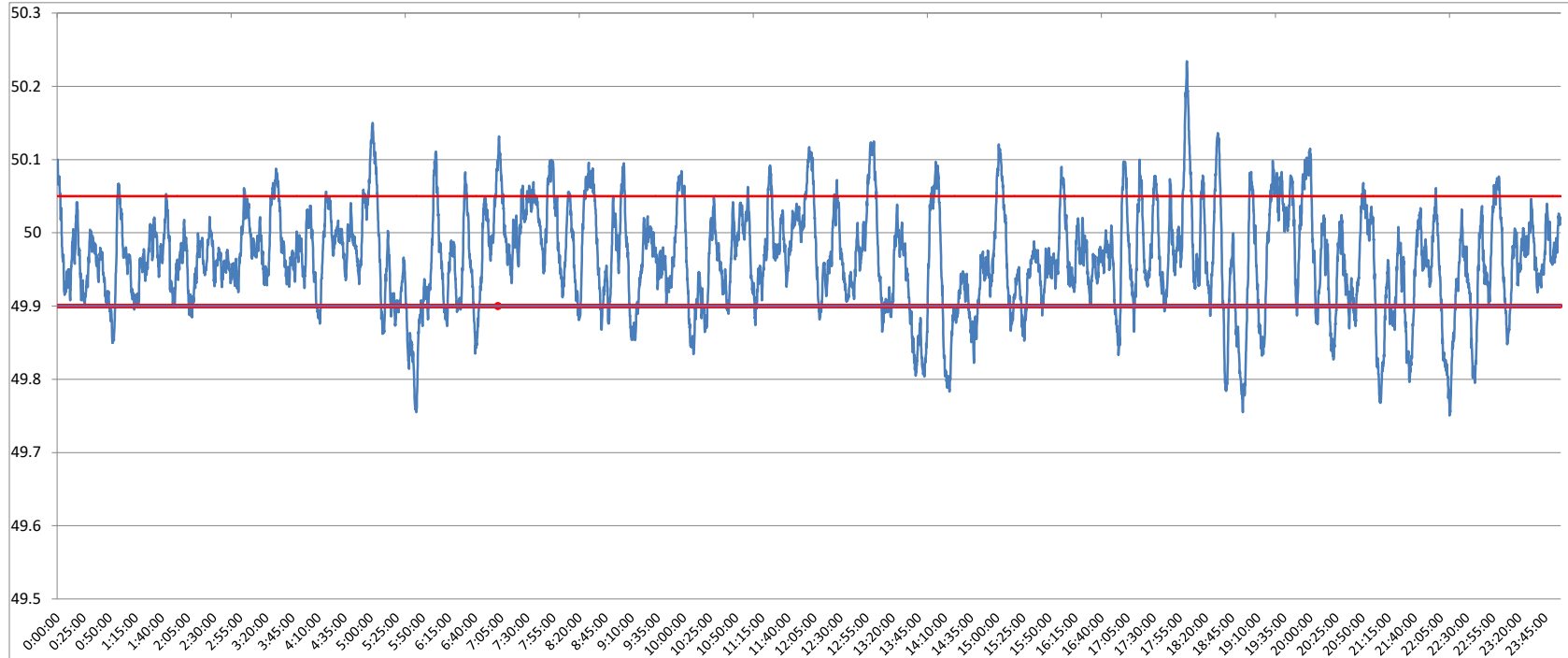


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DADRI:Frequency

National Grid Frequency Profile for

21-Mar-17



<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	16.05	53.70	1.35	14.70	54.83	27.05	1.99	72.21	99.92	28.46	9.68	29.07	17.84	11.74	0.08

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.060</b>	<b>Standard Deviation :</b>	<b>0.069</b>
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Instantaneous Frequency		
Max	50.23	18:01:50
Min	49.75	22:13:30

15 minute average Frequency		
Max	50.042	19:45:00
Min	49.854	19:00:00

No. of excursion above 50.03 Hz	89
No. of excursion below 49.97 Hz	173
No. of excursion above 50.00 Hz	121
No. of excursion below 50.00 Hz	121

Average time freq remains below 49.97 per excursion	0:04:28	Average time frequency remains above 50.03 per excursion	0:02:53
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