

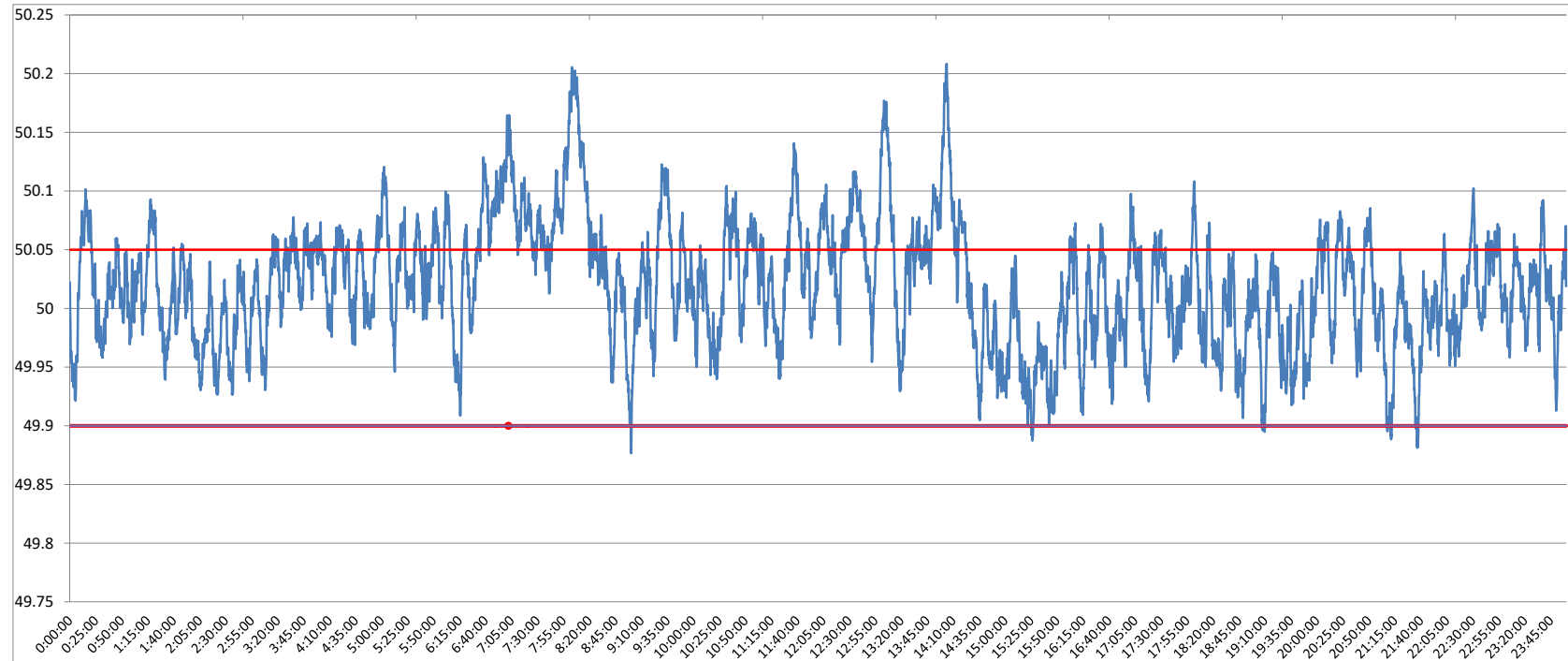


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

28-Jun-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	0.44	18.11	0.00	0.44	35.19	58.62	5.64	71.91	99.88	39.27	21.96	64.32	42.62	27.65	0.12

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.031</b>	<b>Standard Deviation :</b>	<b>0.052</b>
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Instantaneous Frequency		
Max	50.21	14:03:40
Min	49.88	9:00:10

15 minute average Frequency		
Max	50.166	8:15:00
Min	49.929	15:30:00

No. of excursion above 50.03 Hz	164
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	180
No. of excursion below 50.00 Hz	178

Average time freq remains below 49.97 per excursion	0:02:05	Average time frequency remains above 50.03 per excursion	0:03:45
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