

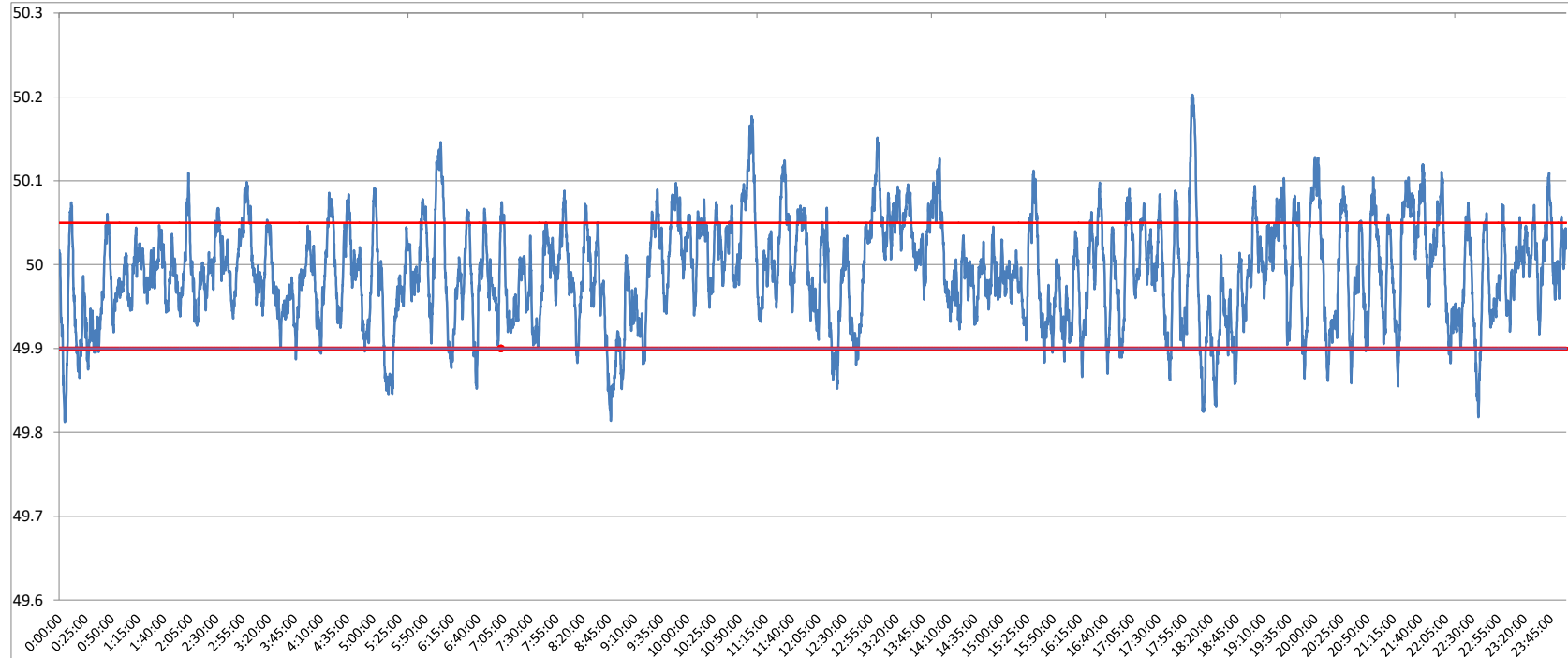


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

28-Jan-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	6.50	36.46	0.00	6.50	49.84	41.06	2.58	75.87	99.99	35.87	15.08	43.62	27.67	17.63	0.01

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.060</b>
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Instantaneous Frequency	
Max	50.2 18:02:50
Min	49.81 0:05:20

15 minute average Frequency		
Max	50.068	21:45:00
Min	49.871	9:00:00

No. of excursion above 50.03 Hz	132
No. of excursion below 49.97 Hz	161
No. of excursion above 50.00 Hz	186
No. of excursion below 50.00 Hz	185

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:16</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:01</b>
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