



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

HISSAR:Frequency

National Grid Frequency Profile for

21-Sep-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	1.91	24.40	0.00	1.91	42.91	50.02	5.16	77.23	100.00	44.04	15.75	55.12	31.56	20.86	0.00

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.030</b>	<b>Standard Deviation :</b>	<b>0.054</b>
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Instantaneous Frequency	
Max	50.2 22:50:50
Min	49.85 9:41:40

15 minute average Frequency	
Max	50.137 23:00:00
Min	49.940 14:45:00

No. of excursion above 50.03 Hz	150
No. of excursion below 49.97 Hz	126
No. of excursion above 50.00 Hz	172
No. of excursion below 50.00 Hz	170

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:47</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:02</b>
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