

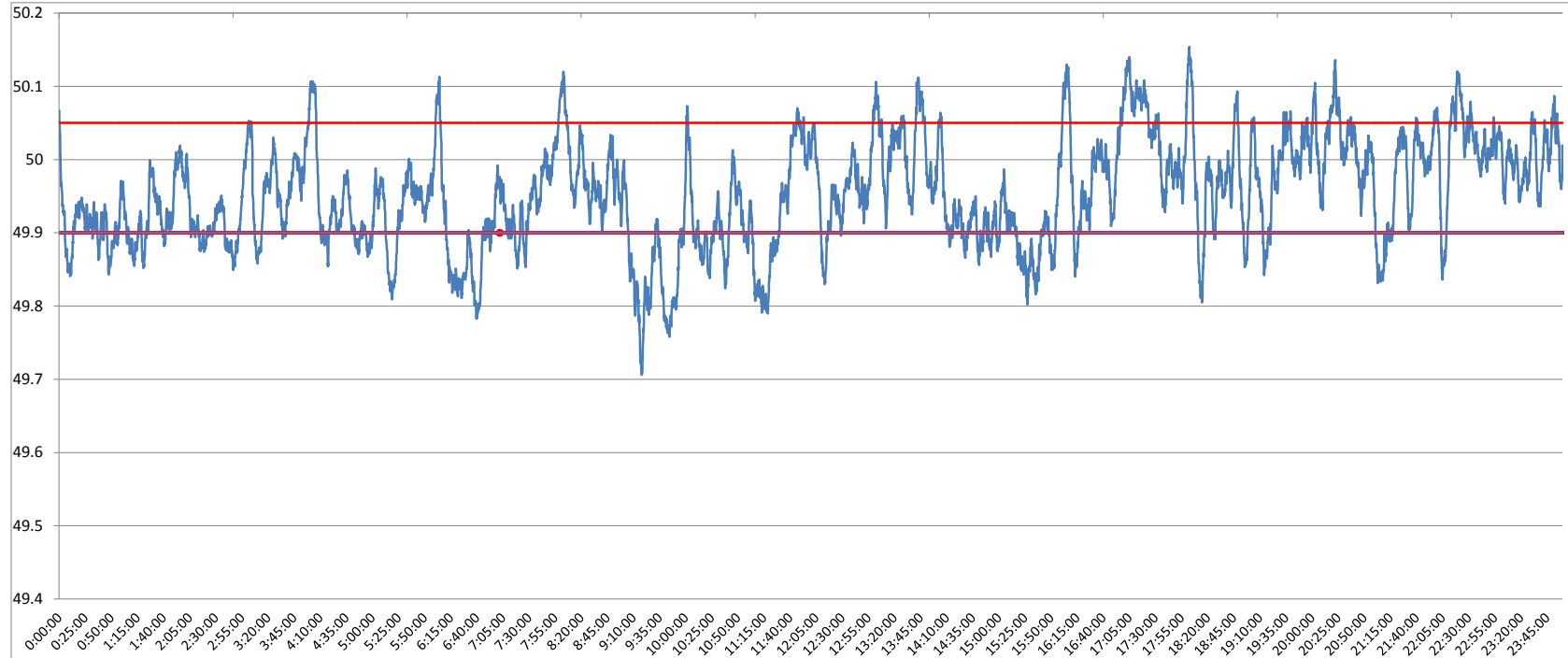


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

27-Aug-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	0.00	24.75	59.07	1.41	23.33	47.38	25.90	1.97	65.69	100.00	25.02	8.02	27.12	15.90	9.56	0.00

<b>Average Frequency</b>	<b>49.95</b>	<b>Frequency Variation Index :</b>	<b>0.076</b>	<b>Standard Deviation :</b>	<b>0.073</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.15 18:02:20</b>
<b>Min</b>	<b>49.71 9:18:00</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.098</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.798</b>	<b>9:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>71</b>
<b>No. of excursion below 49.97 Hz</b>	<b>89</b>
<b>No. of excursion above 50.00 Hz</b>	<b>69</b>
<b>No. of excursion below 50.00 Hz</b>	<b>64</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:09:33</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:14</b>
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