

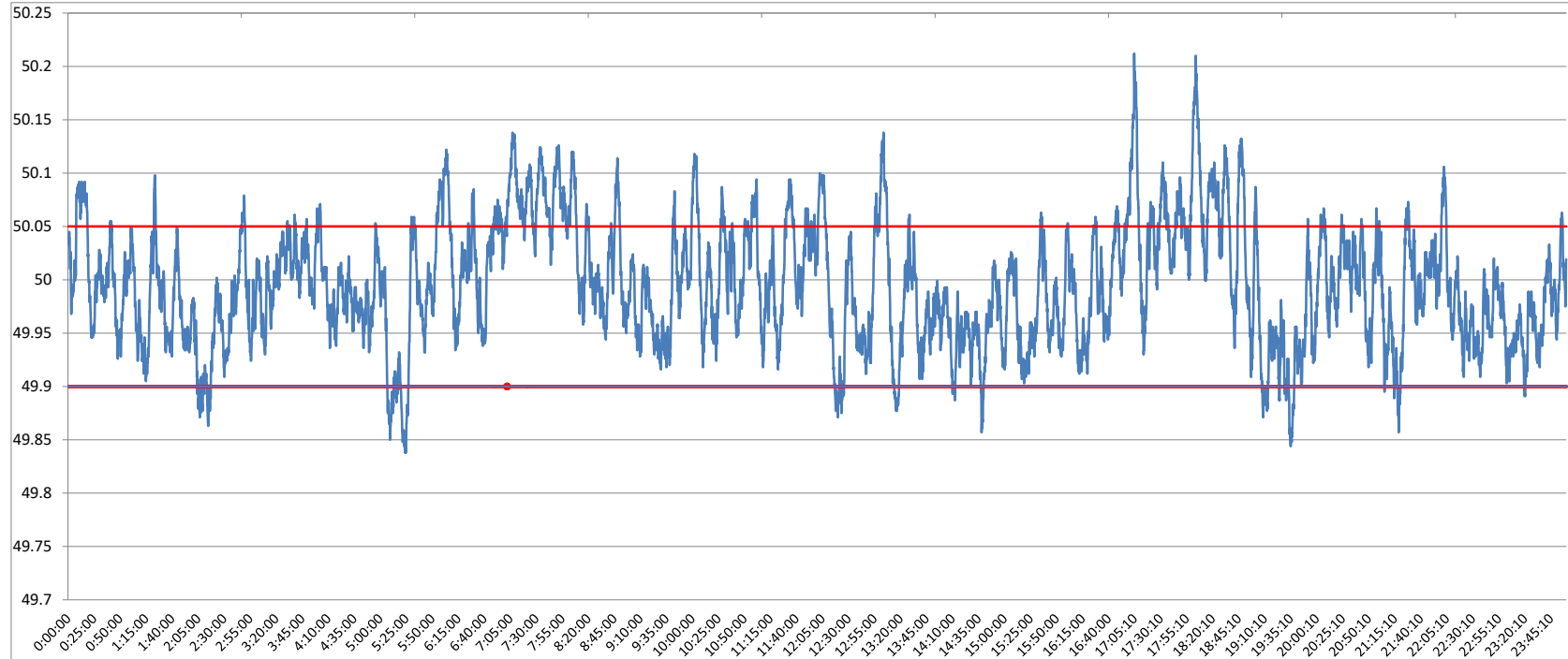


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

MEERUT:Frequency

National Grid Frequency Profile for

17-May-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	4.13	35.78	0.00	4.13	50.88	41.23	3.74	78.10	99.98	37.40	14.29	43.36	26.83	17.77	0.02

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.033</b>	<b>Standard Deviation :</b>	<b>0.057</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.21 17:04:50</b>
<b>Min</b>	<b>49.84 5:23:50</b>

<b>15 minute average Frequency</b>	
<b>Max</b>	<b>50.099 18:15:00</b>
<b>Min</b>	<b>49.898 5:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>131</b>
<b>No. of excursion below 49.97 Hz</b>	<b>122</b>
<b>No. of excursion above 50.00 Hz</b>	<b>105</b>
<b>No. of excursion below 50.00 Hz</b>	<b>111</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:13</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:57</b>
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