

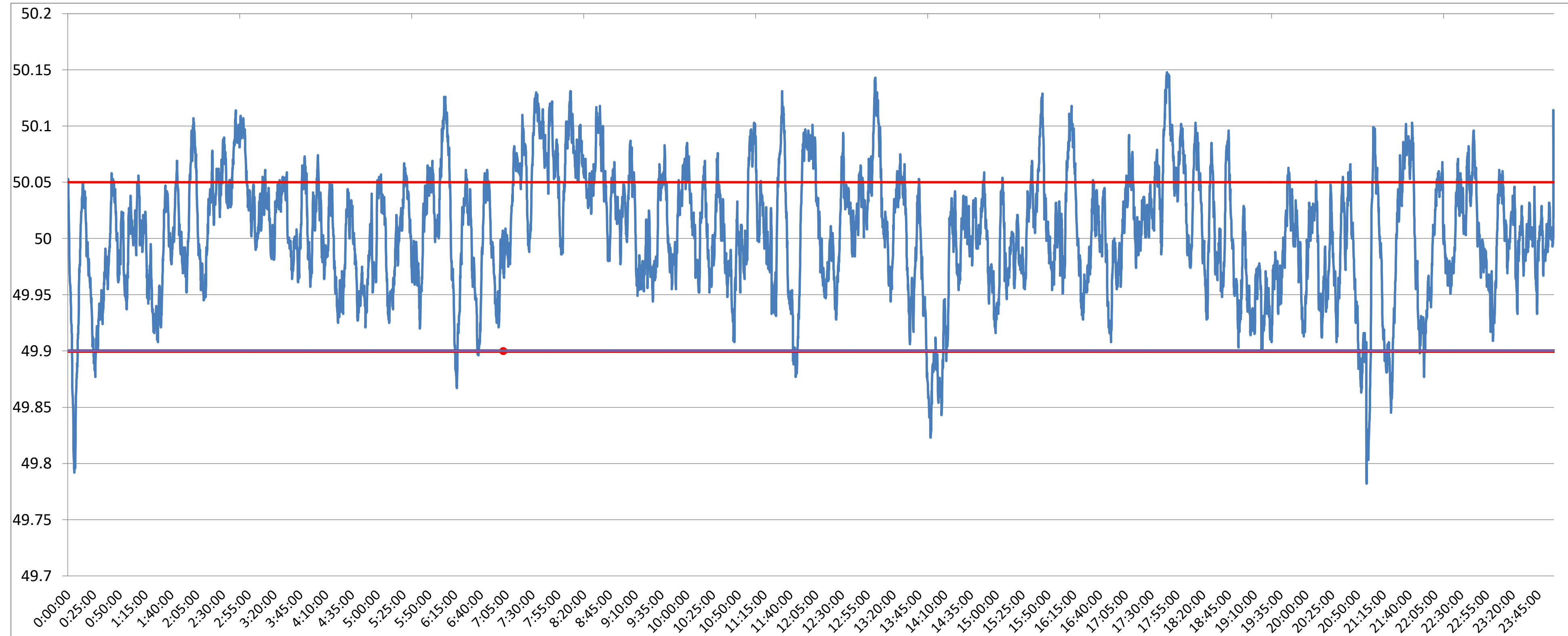


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

16-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	3.34	24.99	0.08	3.26	41.15	52.26	3.25	76.40	100.00	41.11	17.86	54.18	33.90	20.25	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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<b>Instantaneous Frequency</b>		<b>15 minute average Frequency</b>		<b>No. of excursion above 50.03 Hz</b>		<b>150</b>	
<b>Max</b>	<b>50.15</b>	<b>17:45:00</b>	<b>Max</b>	<b>50.097</b>	<b>7:45:00</b>	<b>No. of excursion below 49.97 Hz</b>	<b>141</b>
<b>Min</b>	<b>49.78</b>	<b>20:58:30</b>	<b>Min</b>	<b>49.905</b>	<b>14:15:00</b>	<b>No. of excursion above 50.00 Hz</b>	<b>123</b>
				<b>No. of excursion below 50.00 Hz</b>		<b>119</b>	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:33</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:15</b>
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