

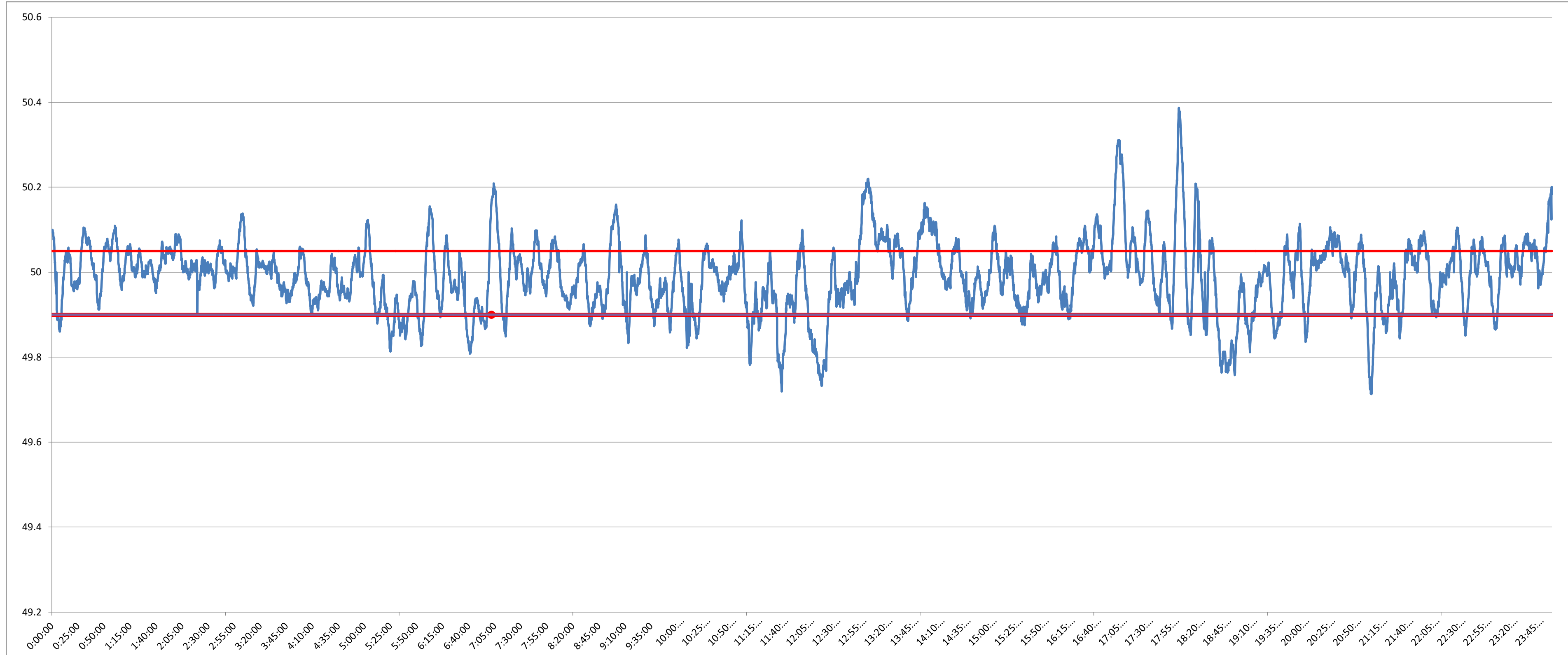


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

RIHAND:Frequency

National Grid Frequency Profile for

22-Feb-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	12.95	38.31	2.01	10.94	39.22	41.05	5.45	65.27	98.68	31.23	15.67	46.56	30.46	21.78	1.32

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.072</b>	<b>Standard Deviation :</b>	<b>0.084</b>
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<b>Instantaneous Frequency</b>		
<b>MAX</b>	<b>50.39</b>	<b>18:01:40</b>
<b>Min</b>	<b>49.71</b>	<b>21:06:30</b>

<b>15 minute average Frequency</b>			
<b>Max</b>	<b>50.175</b>	<b>17:15:00</b>	
<b>Min</b>	<b>49.816</b>	<b>19:00:00</b>	

<b>No. of excursion above 50.03 Hz</b>	<b>109</b>
<b>No. of excursion below 49.97 Hz</b>	<b>115</b>
<b>No. of excursion above 50.00 Hz</b>	<b>99</b>
<b>No. of excursion below 50.00 Hz</b>	<b>96</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:48</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:01</b>
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