

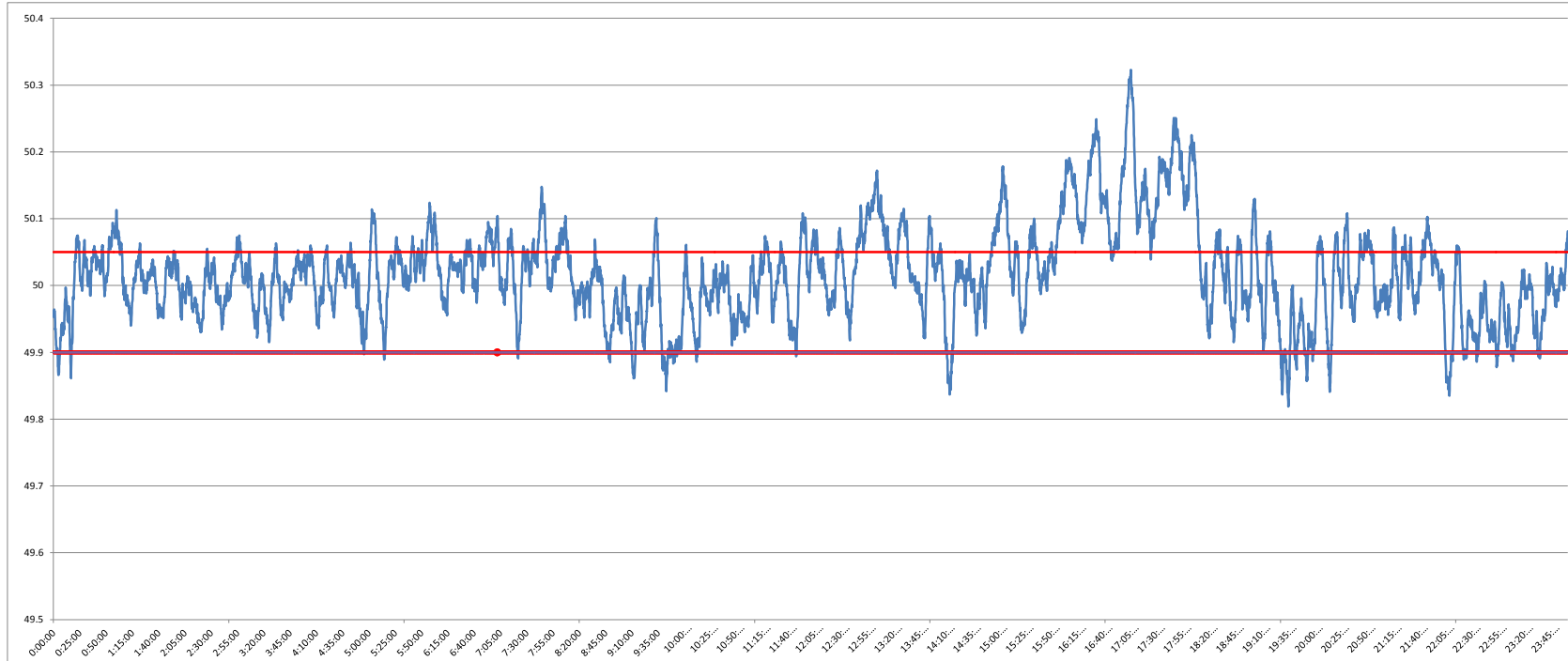


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NEHU:Frequency

National Grid Frequency Profile for

13-May-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	3.99	24.06	0.00	3.99	36.32	49.40	8.48	69.46	98.19	37.36	16.89	58.39	38.58	26.55	1.81

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.053</b>	<b>Standard Deviation :</b>	<b>0.071</b>
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<b>Instantaneous Frequency</b>	
<b>MAX</b>	<b>50.32 17:04:20</b>
<b>Min</b>	<b>49.82 19:34:10</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.202</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.910</b>	<b>19:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>130</b>
<b>No. of excursion below 49.97 Hz</b>	<b>98</b>
<b>No. of excursion above 50.00 Hz</b>	<b>108</b>
<b>No. of excursion below 50.00 Hz</b>	<b>102</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:32</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:16</b>
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