

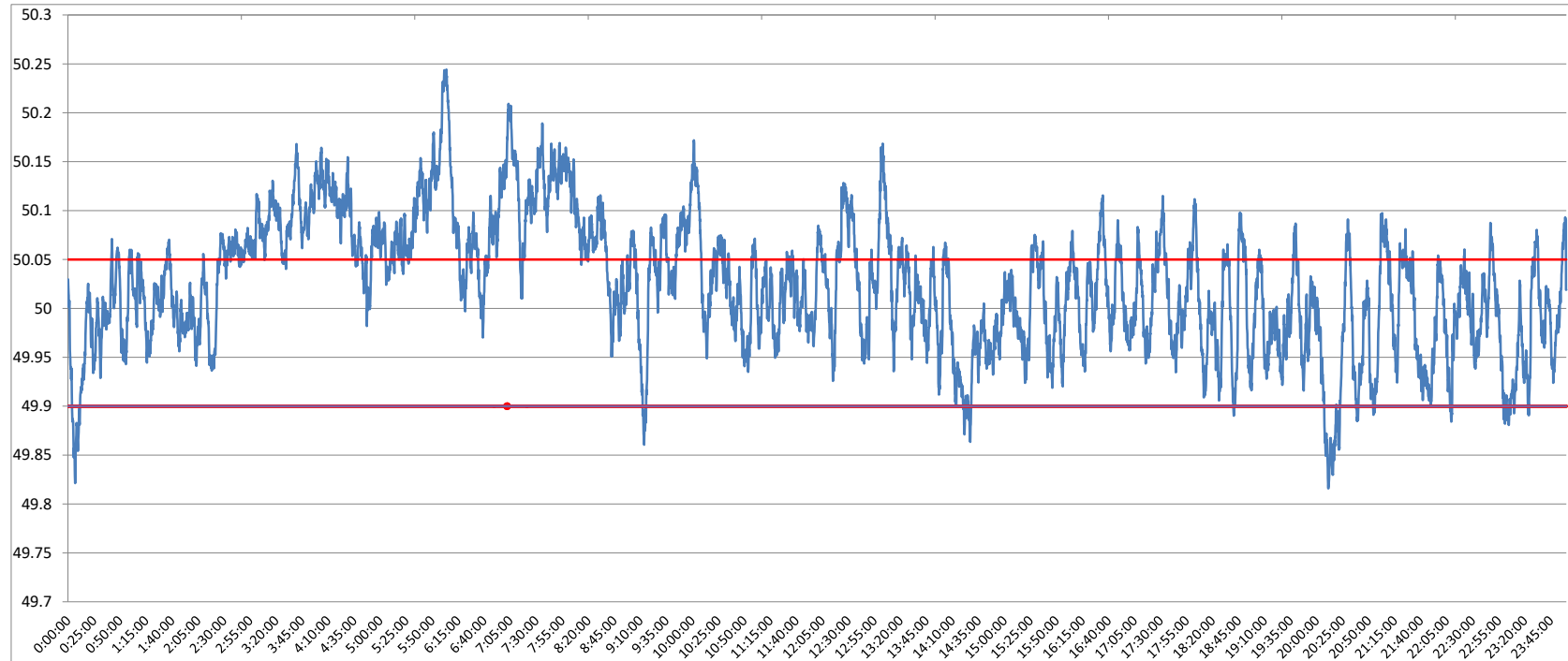


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

07-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	3.04	21.59	0.00	3.04	34.58	49.61	12.20	61.15	99.43	31.83	23.16	62.31	46.59	35.81	0.57

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.050</b>	<b>Standard Deviation :</b>	<b>0.067</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.24</b>	<b>6:03:40</b>
<b>Min</b>	<b>49.82</b>	<b>20:11:10</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.158</b>	<b>6:15:00</b>
<b>Min</b>	<b>49.905</b>	<b>20:15:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>126</b>
<b>No. of excursion below 49.97 Hz</b>	<b>108</b>
<b>No. of excursion above 50.00 Hz</b>	<b>127</b>
<b>No. of excursion below 50.00 Hz</b>	<b>125</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:53</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:05:19</b>
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