

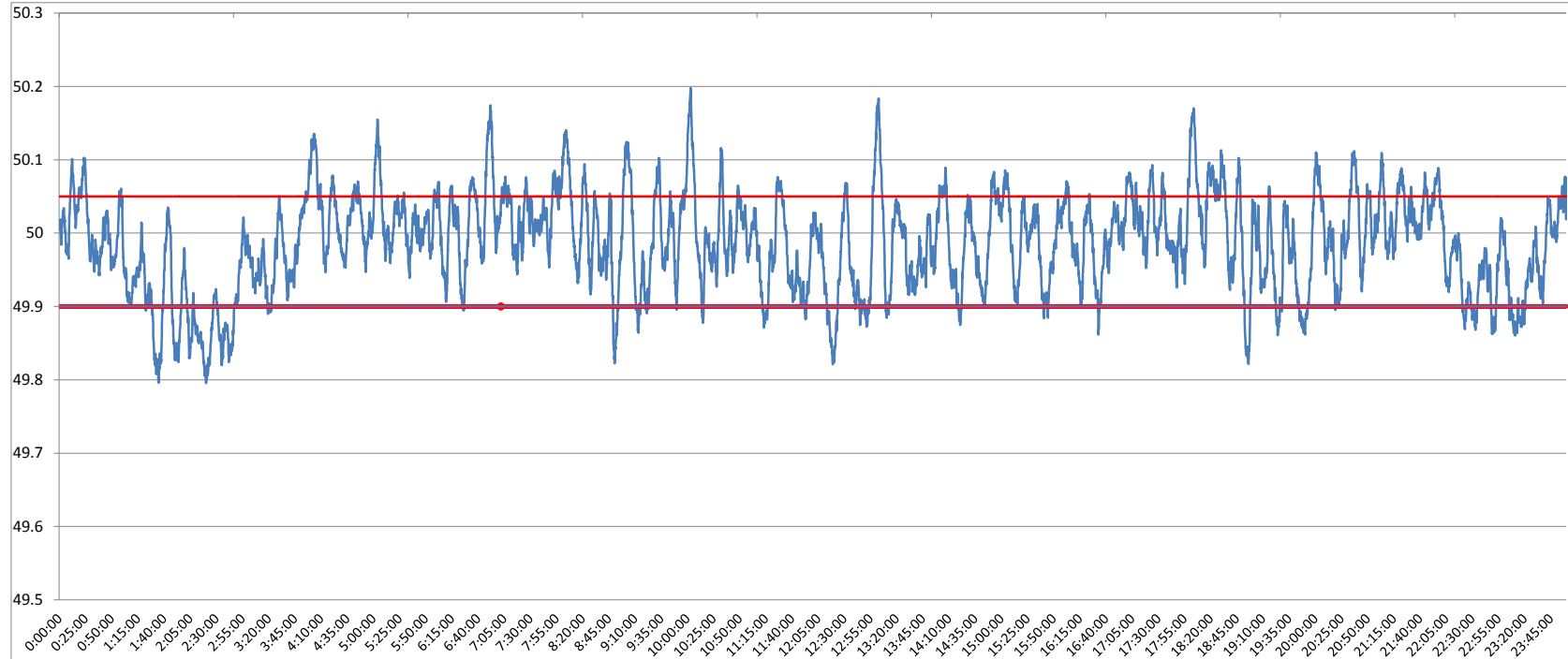


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

05-Jun-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	10.64	38.80	0.07	10.57	45.19	40.72	3.46	72.30	100.00	34.32	13.65	44.09	26.89	17.06	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.046</b>	<b>Standard Deviation :</b>	<b>0.067</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.2</b>	<b>10:03:10</b>
<b>Min</b>	<b>49.80</b>	<b>2:20:10</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.070</b>	<b>18:15:00</b>
<b>Min</b>	<b>49.850</b>	<b>2:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>124</b>
<b>No. of excursion below 49.97 Hz</b>	<b>127</b>
<b>No. of excursion above 50.00 Hz</b>	<b>128</b>
<b>No. of excursion below 50.00 Hz</b>	<b>126</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:24</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:07</b>
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