

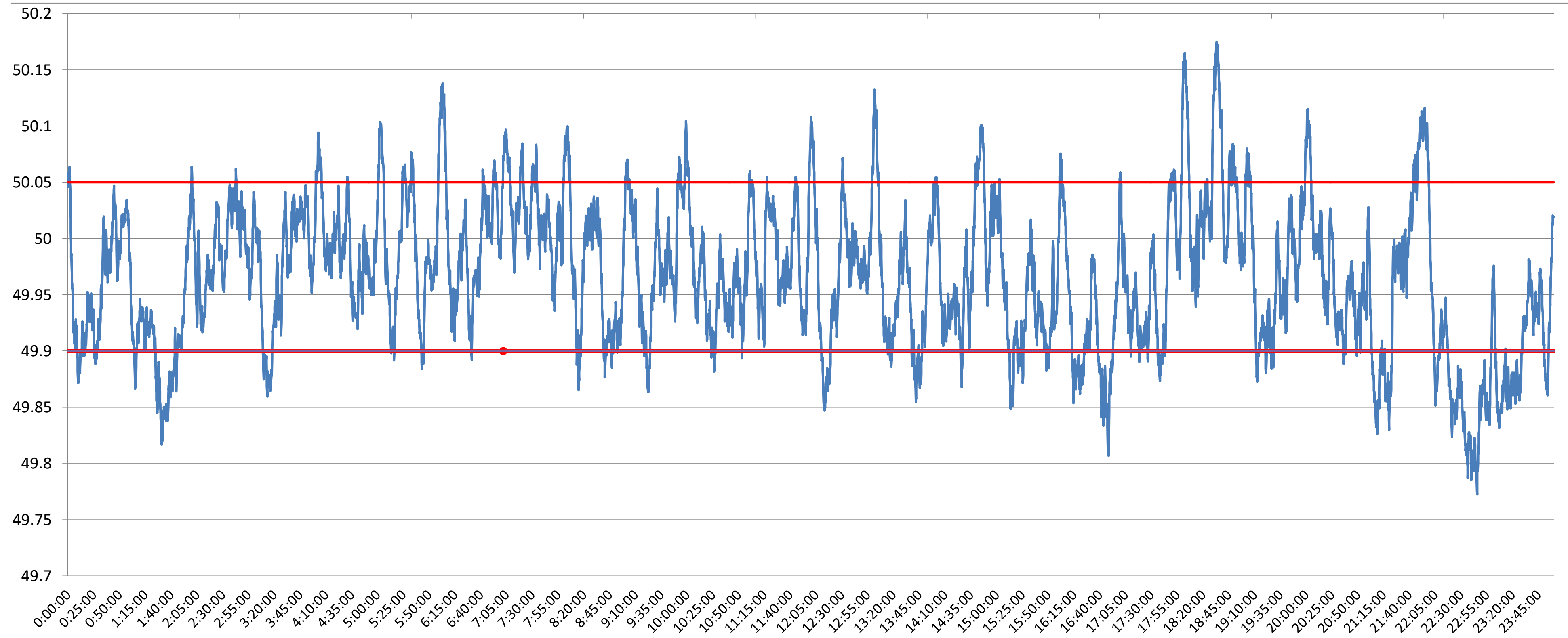


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

25-Apr-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	15.61	51.79	0.31	15.30	53.16	29.14	2.08	74.53	100.00	31.72	7.81	31.15	16.48	9.86	0.00

<b>Average Frequency</b>		<b>49.97</b>	<b>Frequency Variation Index :</b>		<b>0.053</b>	<b>Standard Deviation :</b>		<b>0.065</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>104</b>
<b>Max</b>	<b>50.17</b>	<b>18:33:10</b>	<b>Max</b>	<b>50.080</b>	<b>22:00:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>147</b>
<b>Min</b>	<b>49.77</b>	<b>22:45:40</b>	<b>Min</b>	<b>49.818</b>	<b>22:45:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>134</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:05:04</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:17</b>	<b>No. of excursion below 50.00 Hz</b>		<b>135</b>