

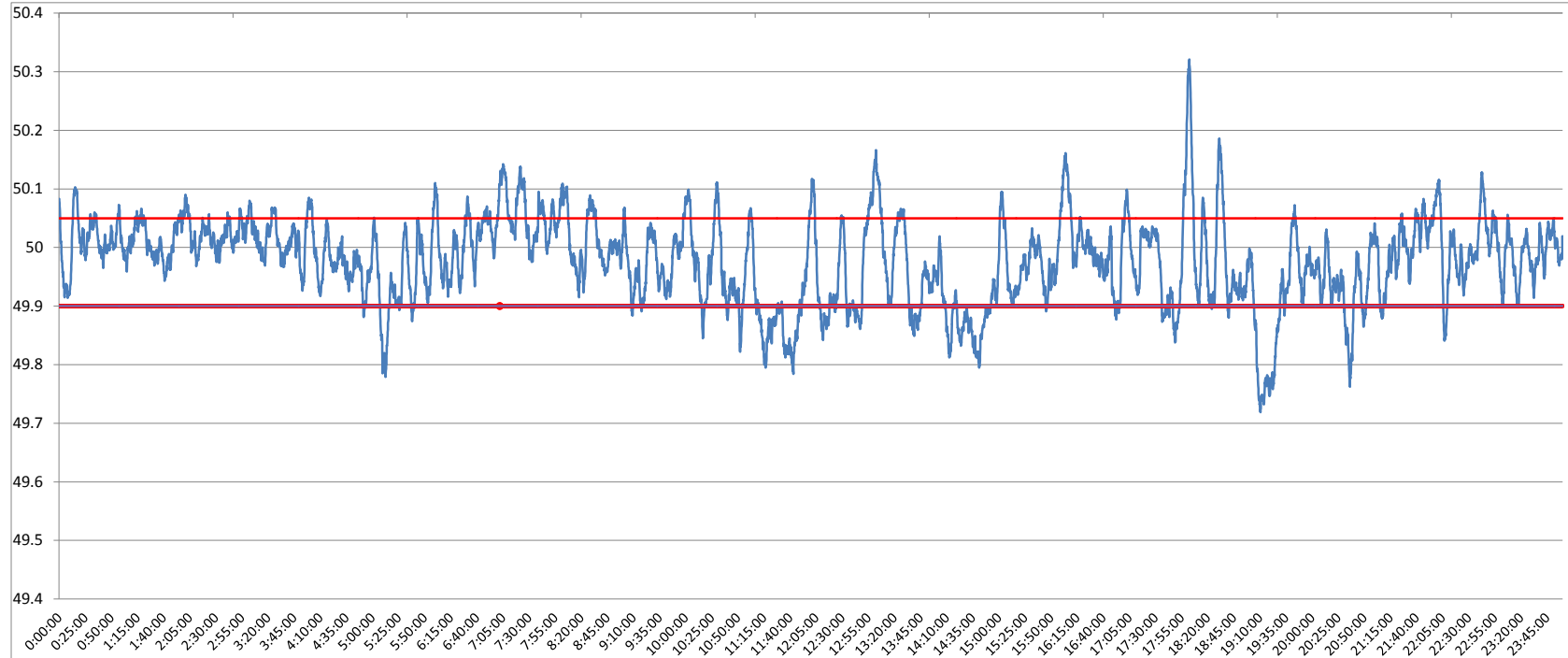


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

01-Apr-16



<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	14.10	42.38	1.64	12.45	44.47	38.04	3.09	72.07	99.70	35.10	10.96	40.17	22.51	13.83	0.30

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.060</b>	<b>Standard Deviation :</b>	<b>0.074</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.32</b>	<b>18:02:20</b>
<b>Min</b>	<b>49.72</b>	<b>19:10:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.086</b>	<b>7:15:00</b>
<b>Min</b>	<b>49.804</b>	<b>19:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>93</b>
<b>No. of excursion below 49.97 Hz</b>	<b>95</b>
<b>No. of excursion above 50.00 Hz</b>	<b>87</b>
<b>No. of excursion below 50.00 Hz</b>	<b>83</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:06:25</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:29</b>
--	----------------	---	----------------