

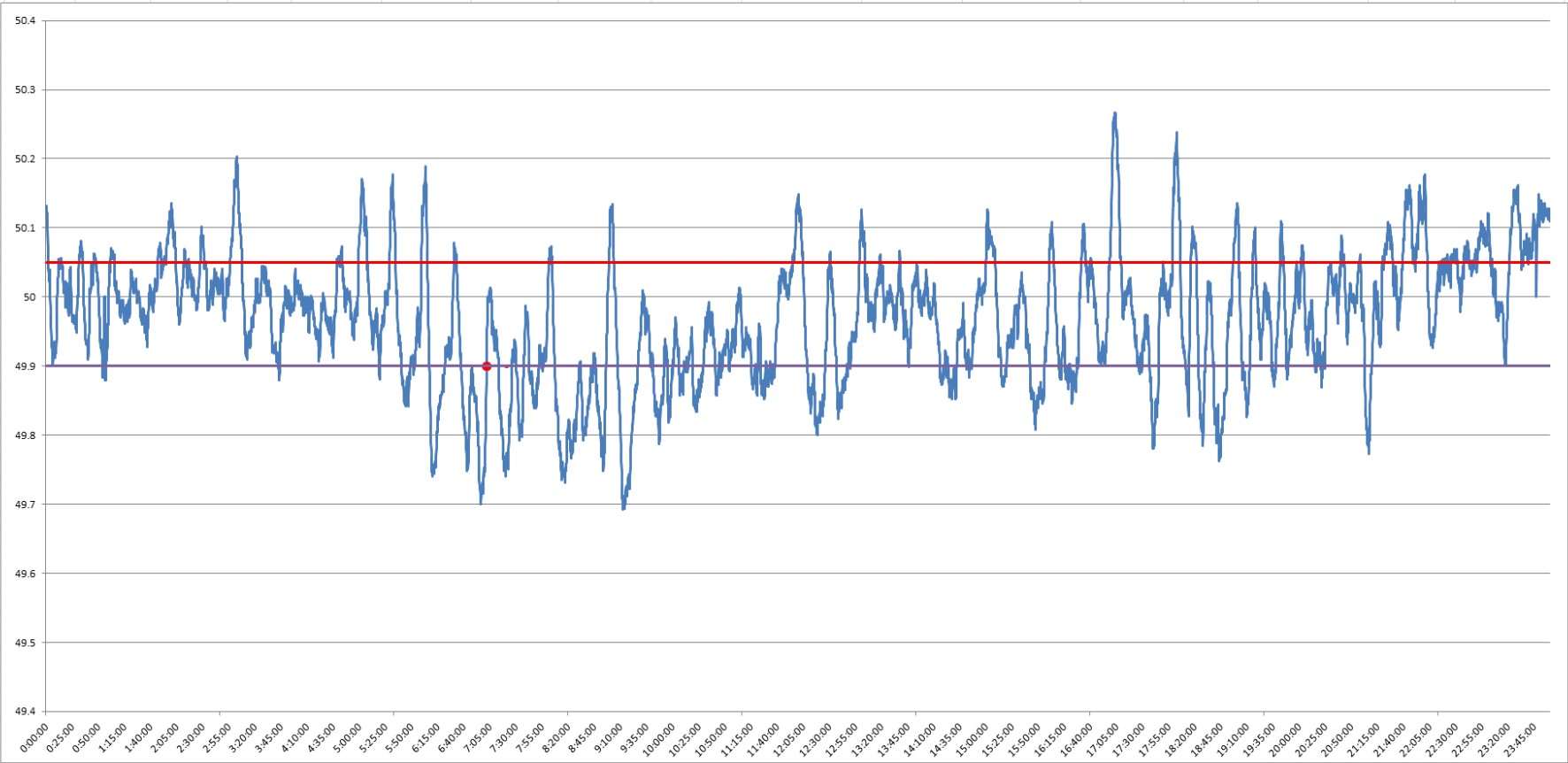


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

MEERUT:Frequency

National Grid Frequency Profile for

23-Jan-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	0.05	23.48	47.86	3.96	19.48	38.06	31.39	6.54	58.56	99.42	28.01	11.23	37.11	24.13	17.95	0.53

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.096</b>	<b>Standard Deviation :</b>	<b>0.092</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
MAX	50.27 17:03:50	Max	50.121 17:15:00	95		81	
Min	49.69 9:12:10	Min	49.793 8:30:00	81		82	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:08:30</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:39</b>
--	----------------	---	----------------