

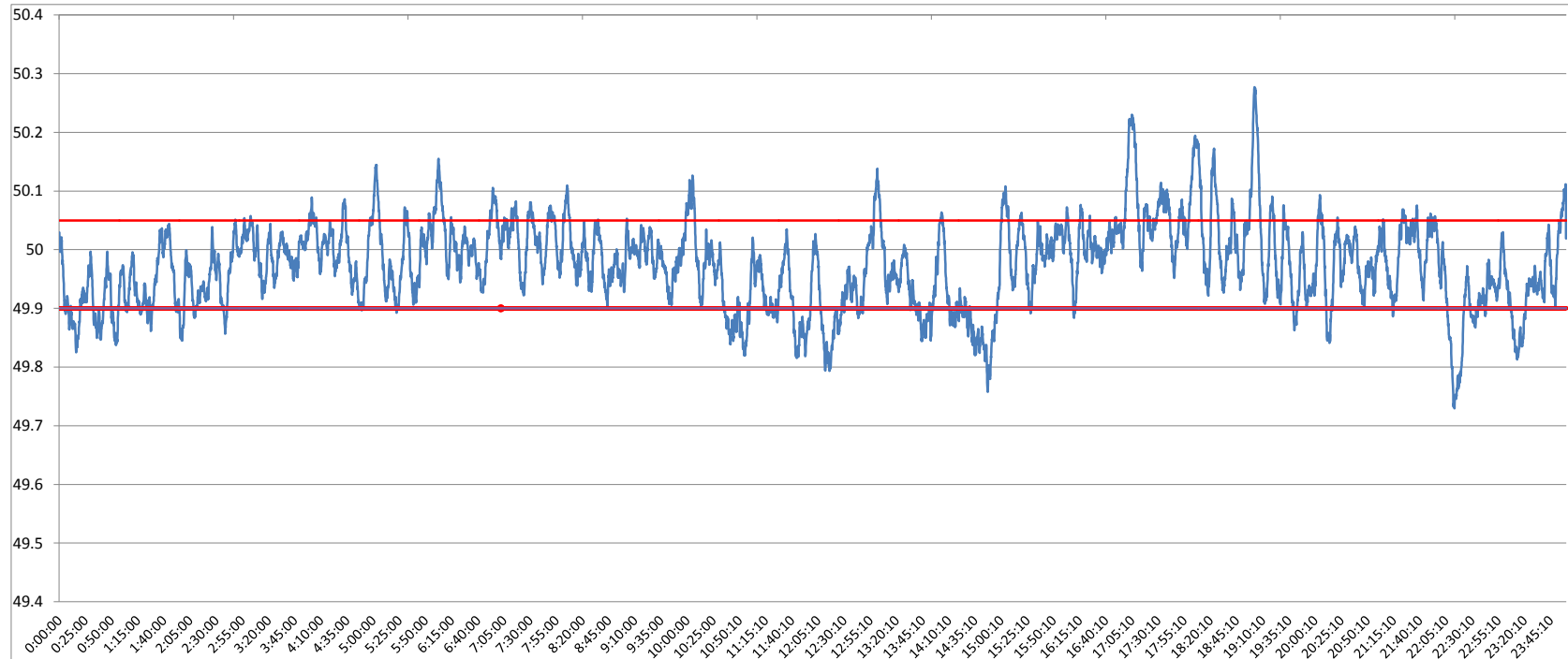


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

29-May-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	15.63	47.27	0.94	14.69	47.42	33.37	2.92	71.99	99.33	31.74	8.83	36.93	21.00	12.38	0.67

Average Frequency	49.97	Frequency Variation Index :	0.061	Standard Deviation :	0.073
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.28	19:02:10
Min	49.73	22:13:20

15 minute average Frequency		
Max	50.130	17:15:00
Min	49.847	14:45:00

No. of excursion above 50.03 Hz	113
No. of excursion below 49.97 Hz	121
No. of excursion above 50.00 Hz	125
No. of excursion below 50.00 Hz	124

Average time freq remains below 49.97 per excursion	0:05:38	Average time frequency remains above 50.03 per excursion	0:02:41
---	---------	--	---------