

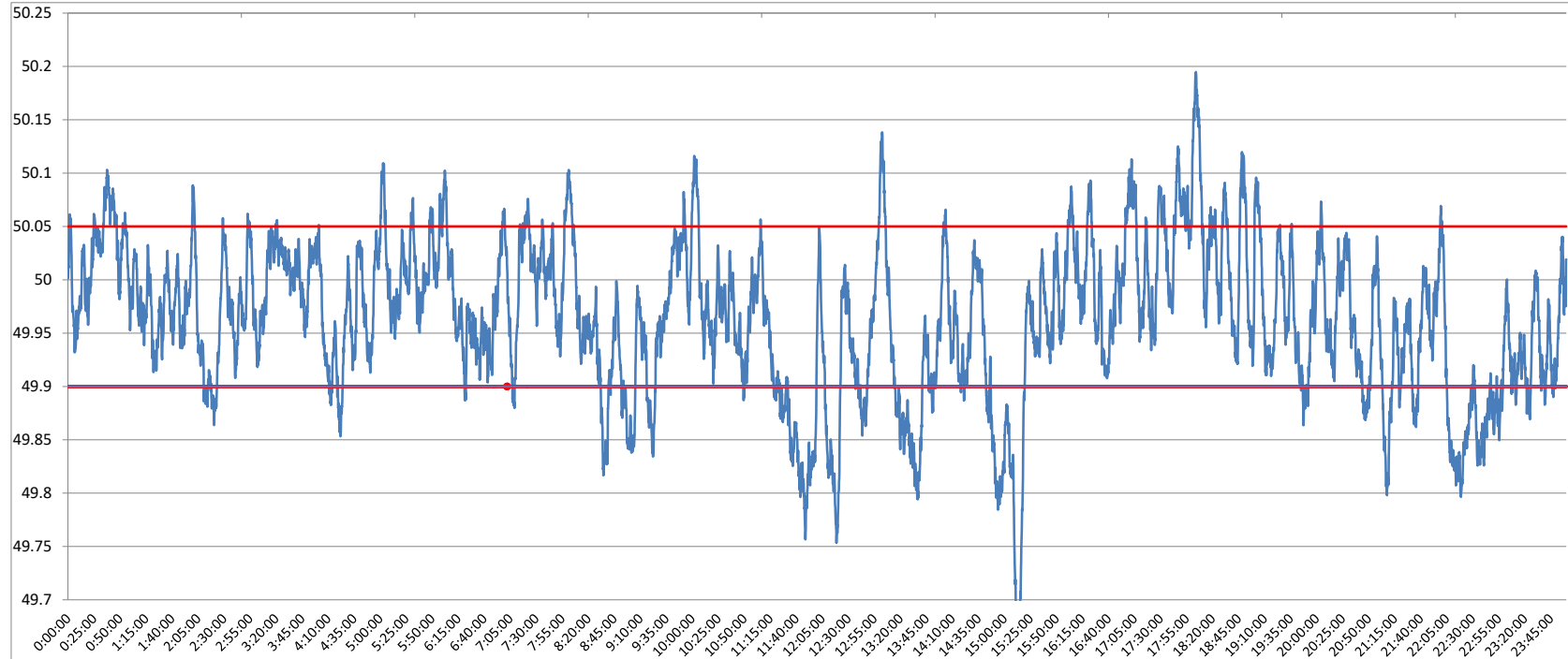


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

11-May-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	0.31	18.45	52.62	1.01	17.13	49.85	30.15	1.55	71.52	99.69	29.75	8.55	31.63	17.64	10.03	0.00

Average Frequency	49.96	Frequency Variation Index :	0.066	Standard Deviation :	0.072
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.19	18:04:00
Min	49.64	15:11:40

15 minute average Frequency		
Max	50.092	18:15:00
Min	49.786	15:15:00

No. of excursion above 50.03 Hz	95
No. of excursion below 49.97 Hz	153
No. of excursion above 50.00 Hz	115
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:04:57	Average time frequency remains above 50.03 per excursion	0:02:40
--	----------------	---	----------------