

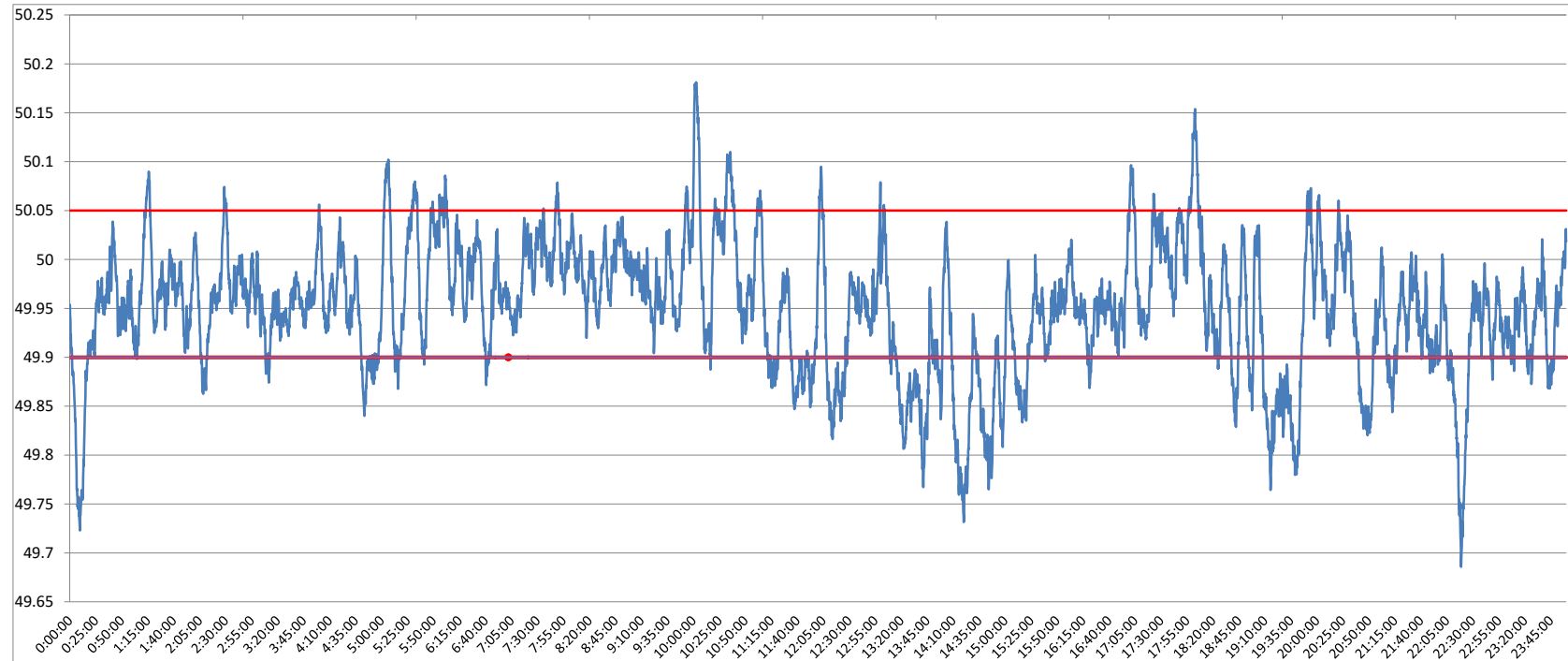


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

12-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	0.03	20.96	63.30	2.50	18.43	57.66	20.61	0.76	73.84	99.97	26.52	4.44	21.35	10.19	5.20	0.00

Average Frequency	49.95	Frequency Variation Index :	0.071	Standard Deviation :	0.067
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.18 10:02:40
Min	49.69 22:18:40

15 minute average Frequency		
Max	50.046	10:45:00
Min	49.807	14:30:00

No. of excursion above 50.03 Hz	73
No. of excursion below 49.97 Hz	148
No. of excursion above 50.00 Hz	114
No. of excursion below 50.00 Hz	113

Average time freq remains below 49.97 per excursion	0:06:10	Average time frequency remains above 50.03 per excursion	0:02:01
--	----------------	---	----------------