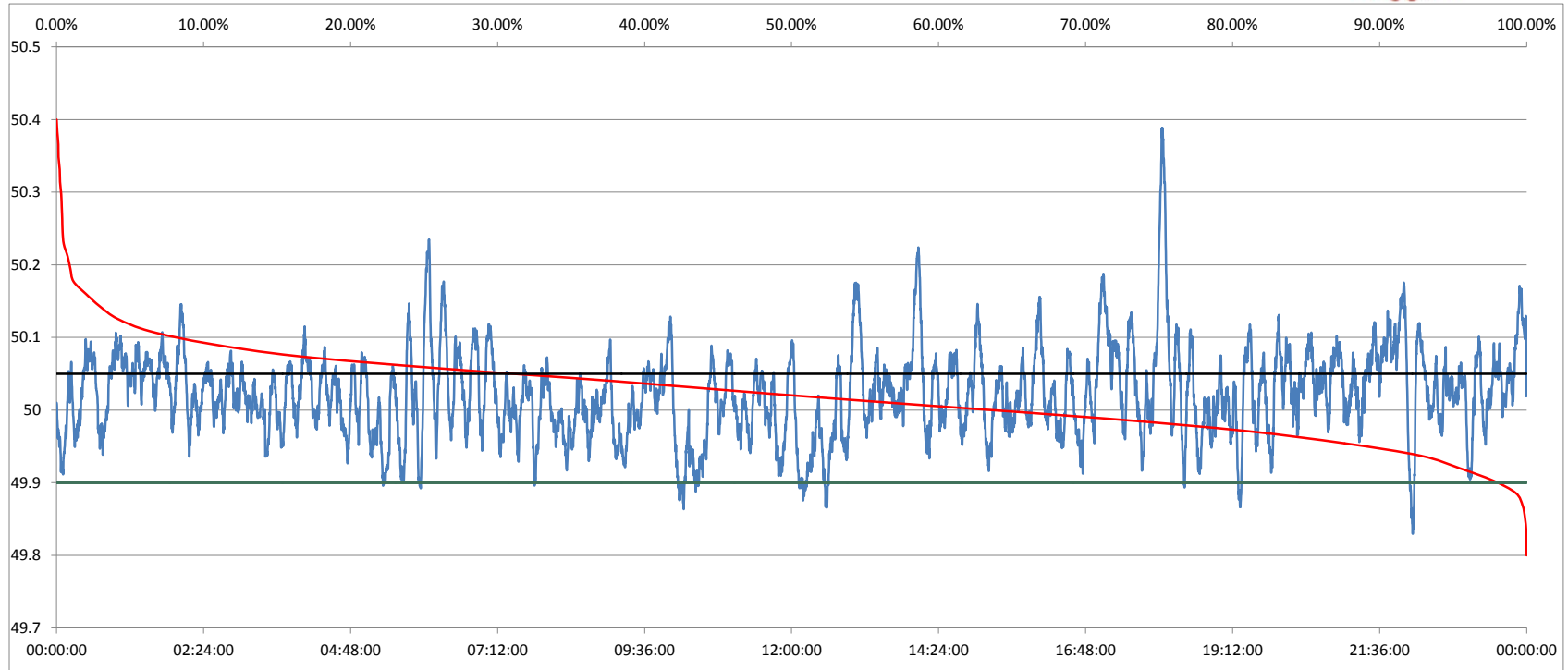


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 14-Feb-16



<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
0.00	1.92	18.52	0.00	1.92	34.50	55.36	7.35	67.30	99.13	37.11	22.70	63.53	44.38	30.78	0.87

Average Frequency	50.02	Frequency Variation Index :	0.043	Standard Deviation :	0.062
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.39	18:03:20
Min	49.83	22:08:30

15 minute average Frequency		
Max	50.172	18:15:00
Min	49.928	10:30:00

No. of excursion above 50.03 Hz	152
No. of excursion below 49.97 Hz	122
No. of excursion above 50.00 Hz	176
No. of excursion below 50.00 Hz	176

Average time freq remains below 49.97 per excursion	0:02:11	Average time frequency remains above 50.03 per excursion	0:04:12
--	----------------	---	----------------