

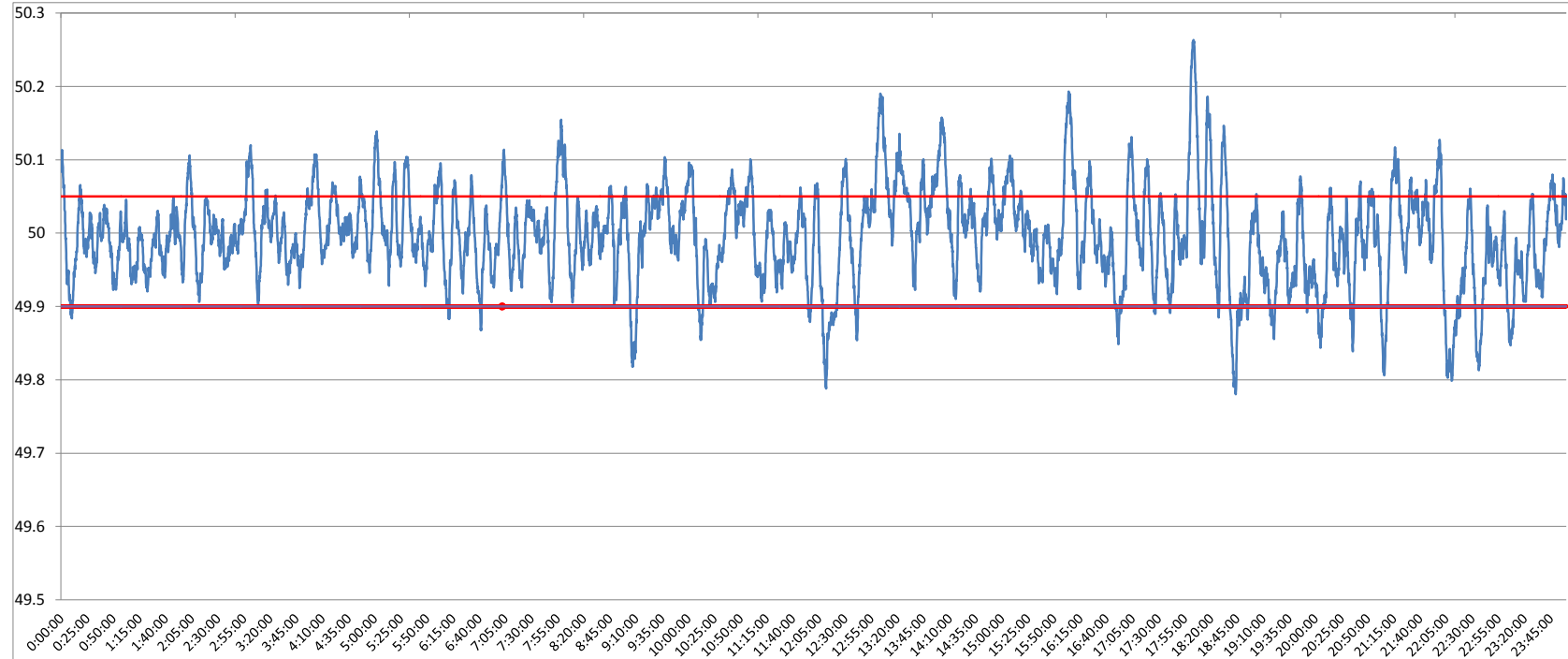


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

24-Feb-16



<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	7.04	32.57	0.22	6.82	45.80	42.43	4.39	74.50	99.65	38.94	13.78	47.14	28.50	18.46	0.35

Average Frequency	50.00	Frequency Variation Index :	0.043	Standard Deviation :	0.065
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.26 18:03:20
Min	49.78 18:43:40

15 minute average Frequency		
Max	50.110	18:15:00
Min	49.874	22:15:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	132
No. of excursion above 50.00 Hz	170
No. of excursion below 50.00 Hz	168

Average time freq remains below 49.97 per excursion	0:03:33	Average time frequency remains above 50.03 per excursion	0:03:11
--	----------------	---	----------------