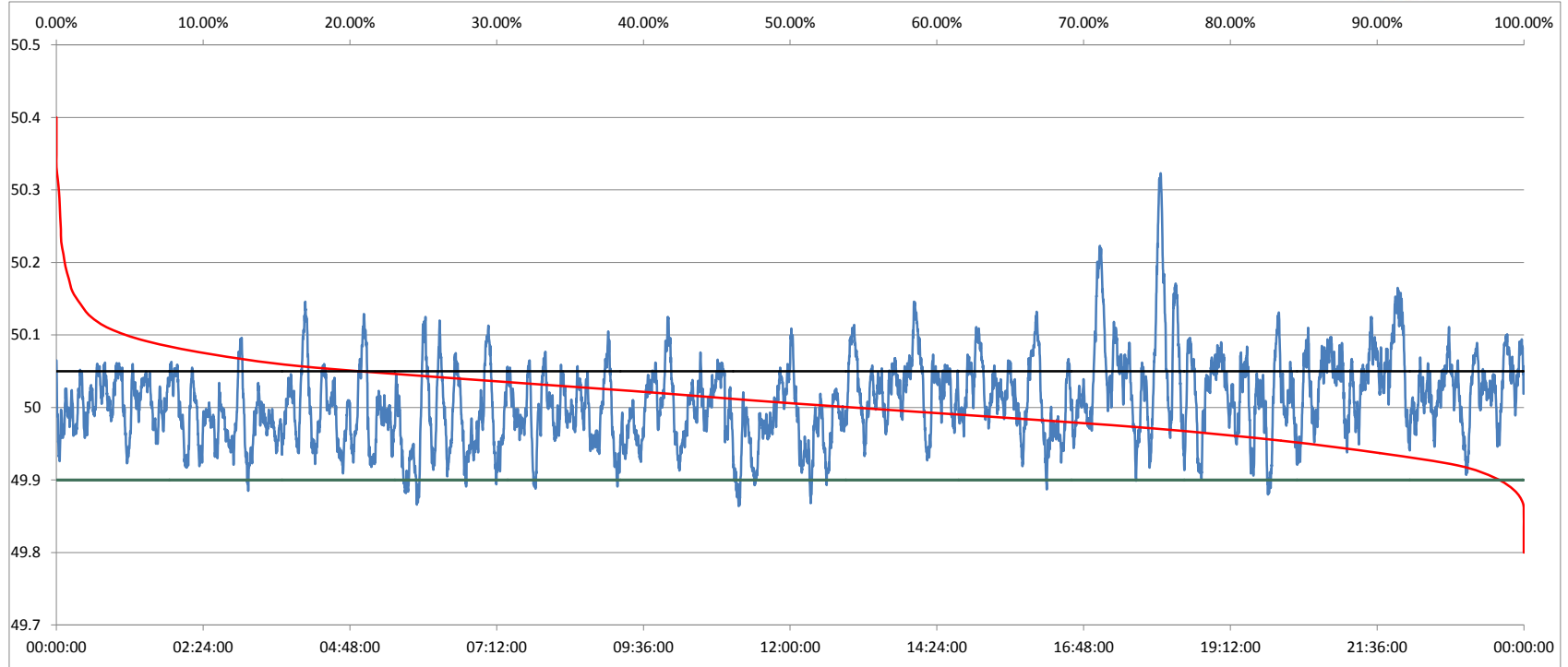


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SOMANAHALLI:Frequency

National Grid Frequency Profile for 12-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	1.72	24.18	0.00	1.72	43.34	50.13	4.24	77.45	99.43	41.39	16.75	53.62	34.43	20.82	0.57

Average Frequency	50.01	Frequency Variation Index :	0.033	Standard Deviation :	0.056
-------------------	-------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.32	18:03:30
Min	49.86	11:09:30

15 minute average Frequency		
Max	50.138	18:15:00
Min	49.937	6:00:00

No. of excursion above 50.03 Hz	137
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	124
No. of excursion below 50.00 Hz	119

Average time freq remains below 49.97 per excursion	0:03:03	Average time frequency remains above 50.03 per excursion	0:03:37
---	---------	--	---------