

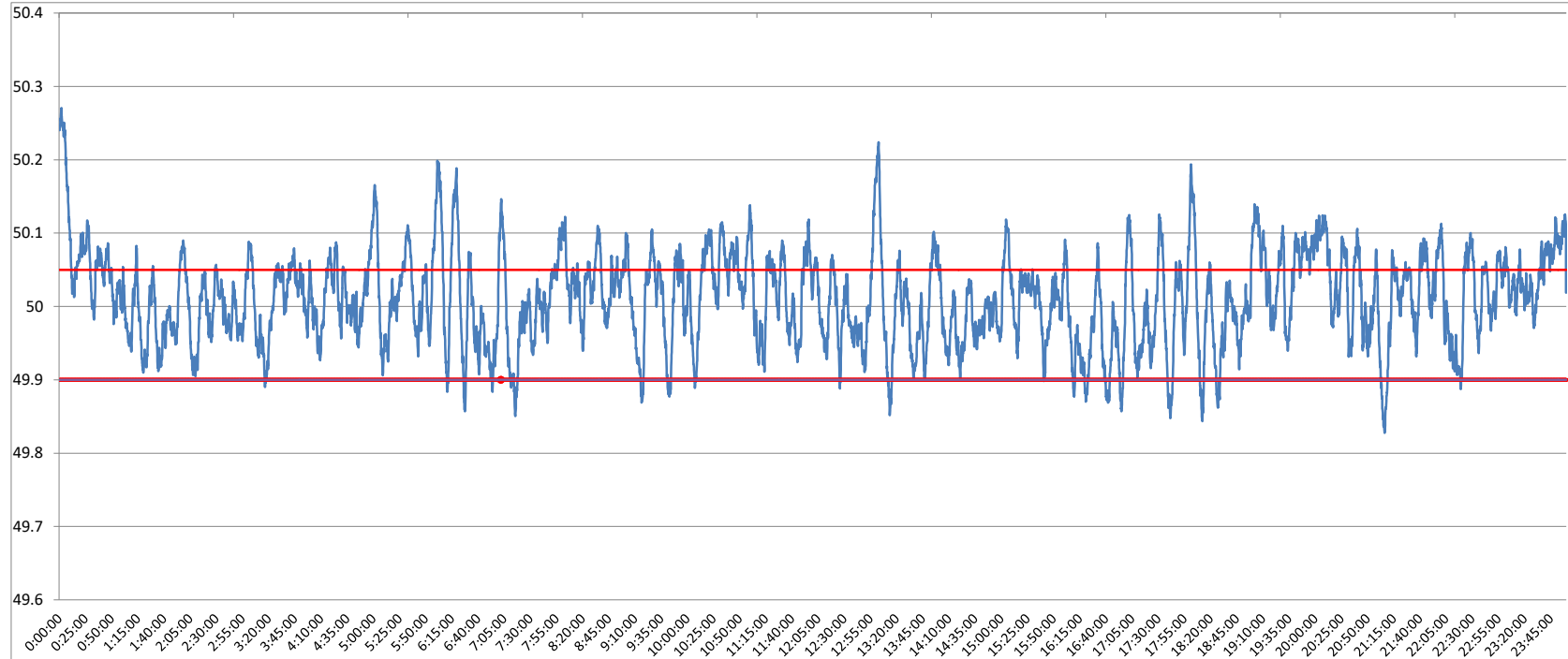


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

13-Feb-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	0.00	3.81	26.68	0.00	3.81	39.78	50.02	5.81	69.40	99.42	33.83	20.56	56.34	39.49	26.79	0.58

Average Frequency	50.01	Frequency Variation Index :	0.041	Standard Deviation :	0.063
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.27 0:02:00
Min	49.83 21:06:20

15 minute average Frequency		
Max	50.155	0:15:00
Min	49.929	21:15:00

No. of excursion above 50.03 Hz	152
No. of excursion below 49.97 Hz	130
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	158

Average time freq remains below 49.97 per excursion	0:02:57	Average time frequency remains above 50.03 per excursion	0:03:44
--	----------------	---	----------------