

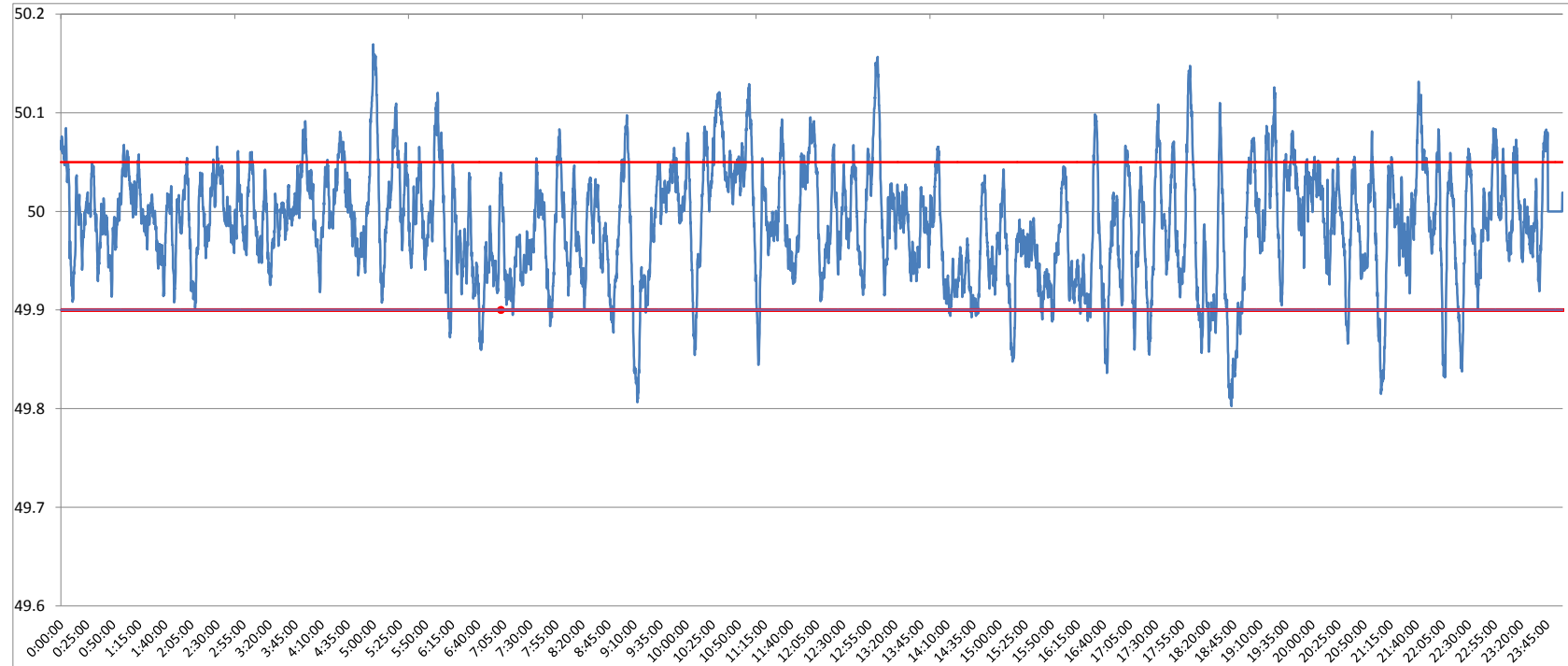


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

07-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	6.09	37.51	0.00	6.09	51.28	40.66	1.97	81.60	100.00	39.44	10.38	41.60	23.04	12.31	0.00

Average Frequency	49.99	Frequency Variation Index :	0.034	Standard Deviation :	0.057
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.17 4:59:30
Min	49.80 18:42:20

15 minute average Frequency		
Max	50.058	10:30:00
Min	49.917	18:30:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	156
No. of excursion above 50.00 Hz	181
No. of excursion below 50.00 Hz	179

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:02:34
--	----------------	---	----------------