

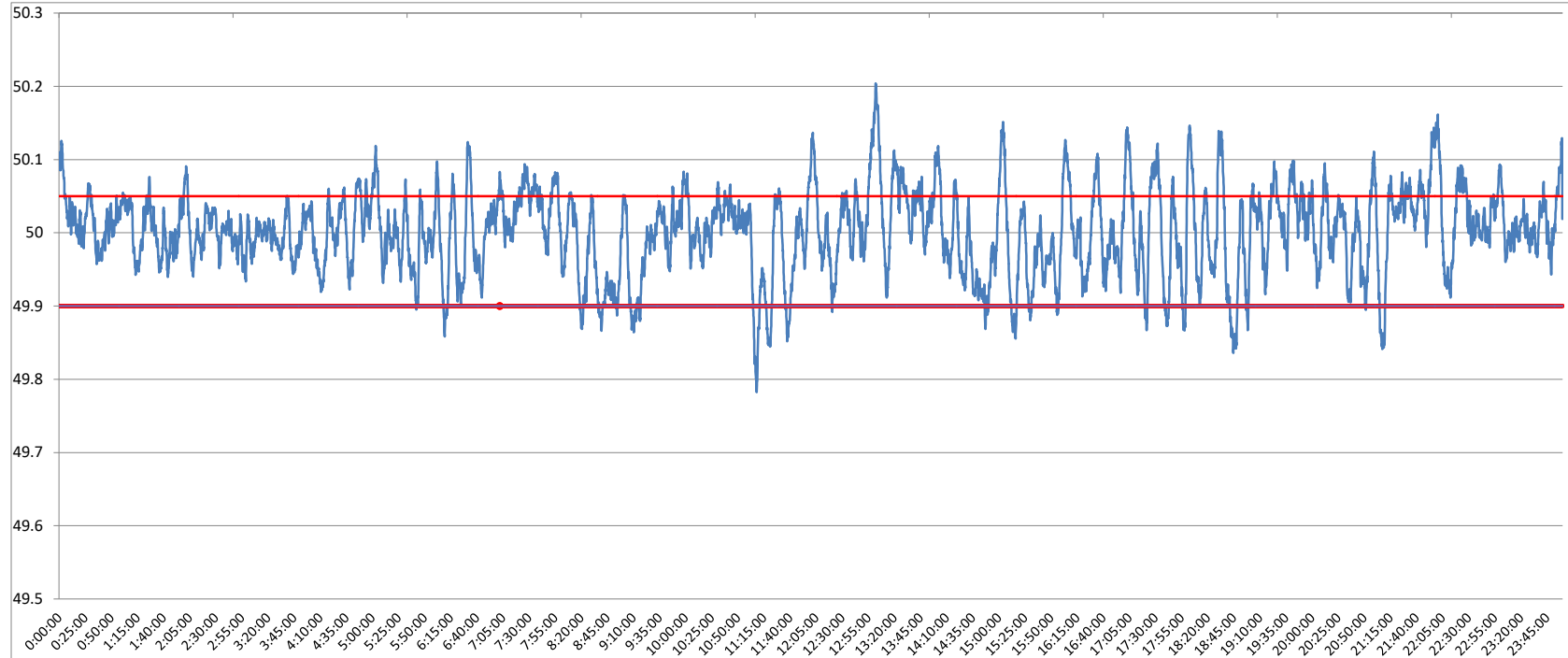


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

03-Mar-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	5.14	26.96	0.08	5.06	41.25	49.77	3.82	76.55	99.98	42.16	14.54	53.51	30.88	18.31	0.02

Average Frequency	50.00	Frequency Variation Index :	0.033	Standard Deviation :	0.058
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.2	13:02:00
Min	49.78	11:08:00

15 minute average Frequency			
Max	50.076	22:00:00	
Min	49.914	11:15:00	

No. of excursion above 50.03 Hz	161
No. of excursion below 49.97 Hz	113
No. of excursion above 50.00 Hz	172
No. of excursion below 50.00 Hz	168

Average time freq remains below 49.97 per excursion	0:03:26	Average time frequency remains above 50.03 per excursion	0:02:46
--	----------------	---	----------------