

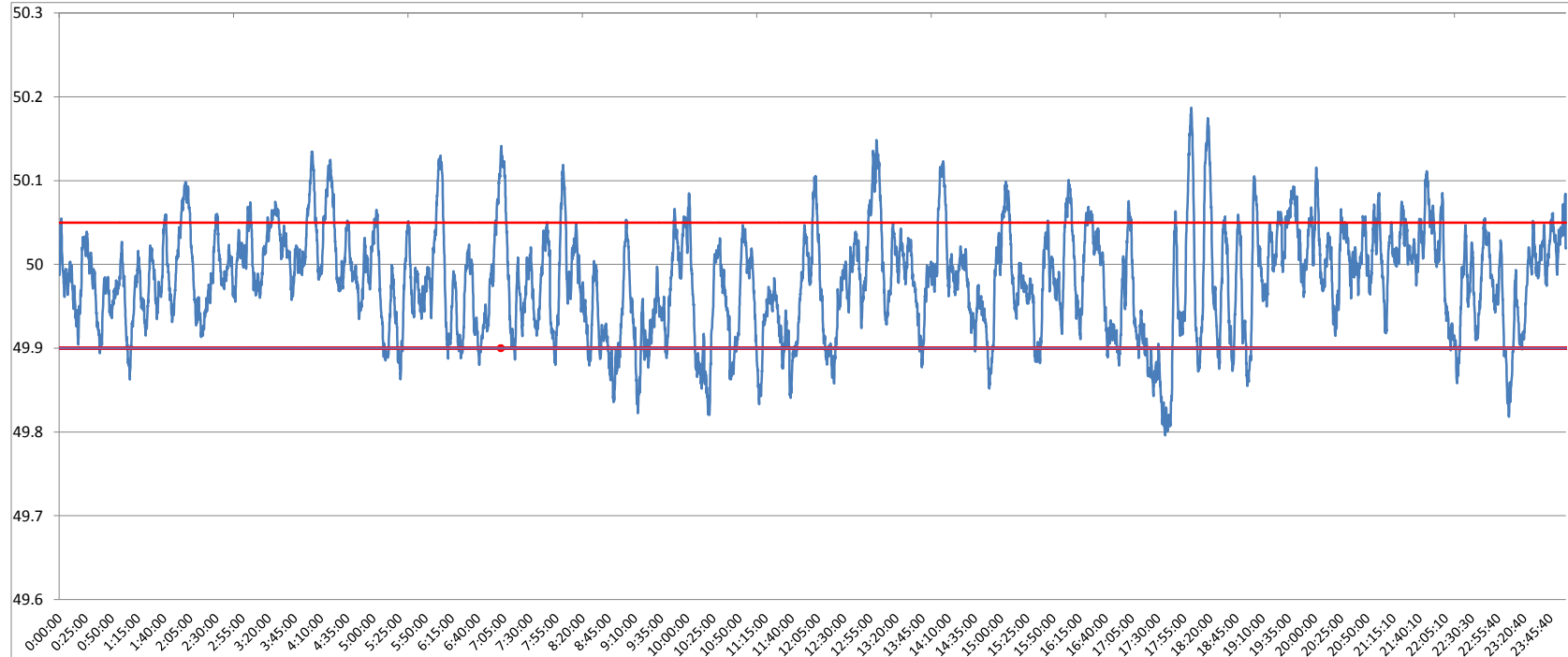


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

03-Oct-15



<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	10.79	41.03	0.01	10.78	49.46	36.69	3.07	76.33	100.00	37.19	9.88	39.70	21.78	12.88	0.00

Average Frequency	49.98	Frequency Variation Index :	0.043	Standard Deviation :	0.063
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.19	18:02:00
Min	49.80	17:36:50

15 minute average Frequency			
Max	50.057	19:45:00	
Min	49.840	17:45:00	

No. of excursion above 50.03 Hz	107
No. of excursion below 49.97 Hz	127
No. of excursion above 50.00 Hz	146
No. of excursion below 50.00 Hz	146

Average time freq remains below 49.97 per excursion	0:04:39	Average time frequency remains above 50.03 per excursion	0:02:56
---	---------	--	---------