

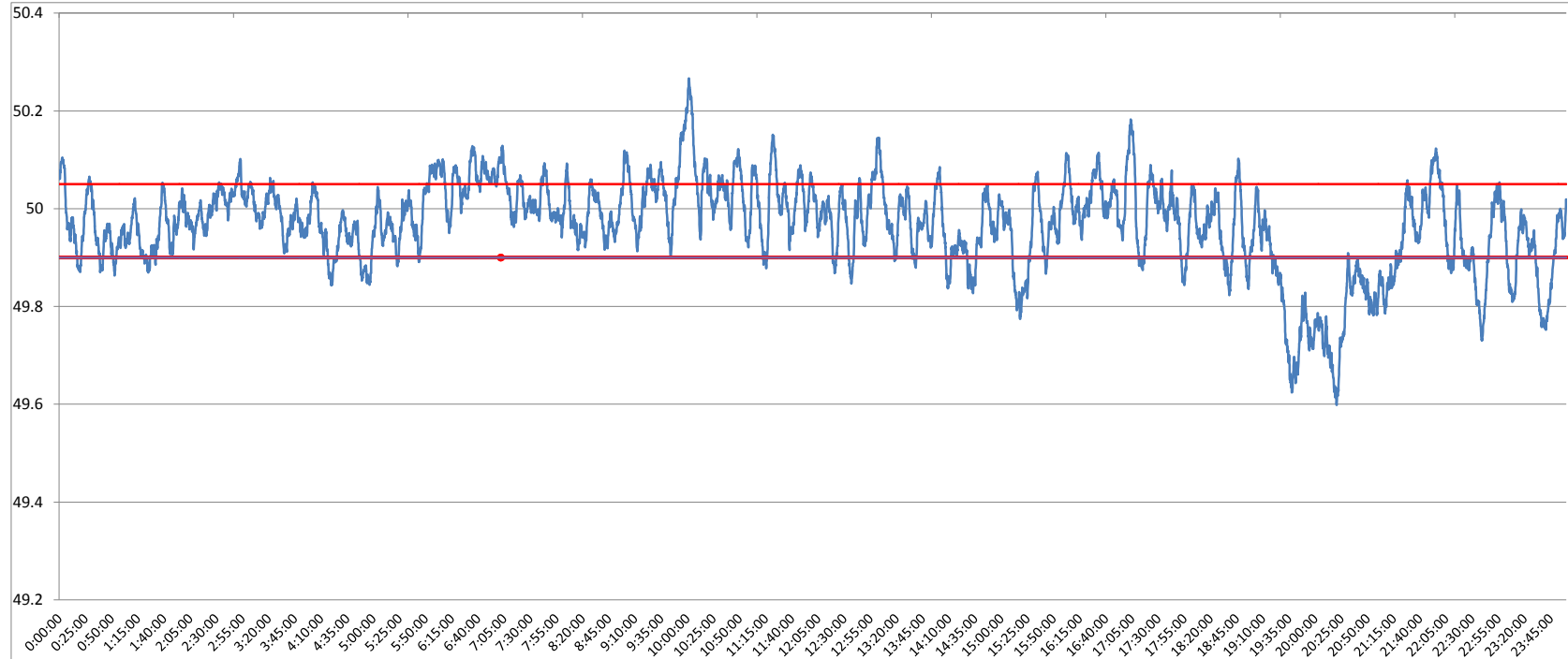


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

06-Jun-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	1.35	19.26	46.22	4.12	13.78	42.12	35.00	3.29	64.83	98.31	29.20	12.31	38.56	24.58	15.91	0.34

Average Frequency	49.97	Frequency Variation Index :	0.095	Standard Deviation :	0.092
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.27	10:01:40
Min	49.60	20:20:30

15 minute average Frequency		
Max	50.108	10:15:00
Min	49.690	19:45:00

No. of excursion above 50.03 Hz	104
No. of excursion below 49.97 Hz	120
No. of excursion above 50.00 Hz	102
No. of excursion below 50.00 Hz	101

Average time freq remains below 49.97 per excursion	0:05:33	Average time frequency remains above 50.03 per excursion	0:03:24
---	---------	--	---------