

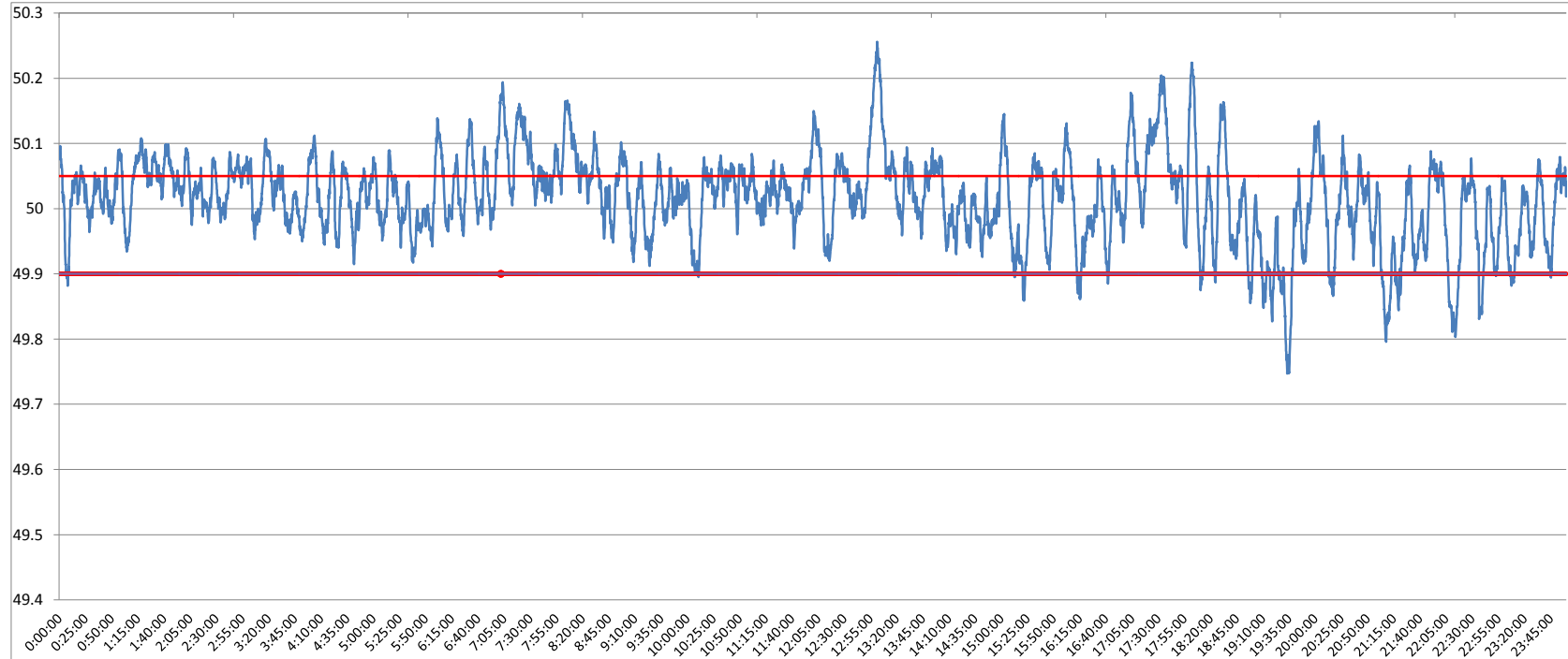


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

29-Mar-16



<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	5.12	21.77	0.32	4.79	31.44	55.57	7.23	64.99	99.35	34.65	22.99	62.30	43.58	29.90	0.65

Average Frequency	50.02	Frequency Variation Index :	0.048	Standard Deviation :	0.067
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.26	13:01:30
Min	49.75	19:33:20

15 minute average Frequency		
Max	50.134	13:15:00
Min	49.890	19:45:00

No. of excursion above 50.03 Hz	138
No. of excursion below 49.97 Hz	68
No. of excursion above 50.00 Hz	80
No. of excursion below 50.00 Hz	92

Average time freq remains below 49.97 per excursion	0:04:37	Average time frequency remains above 50.03 per excursion	0:04:33
---	---------	--	---------