

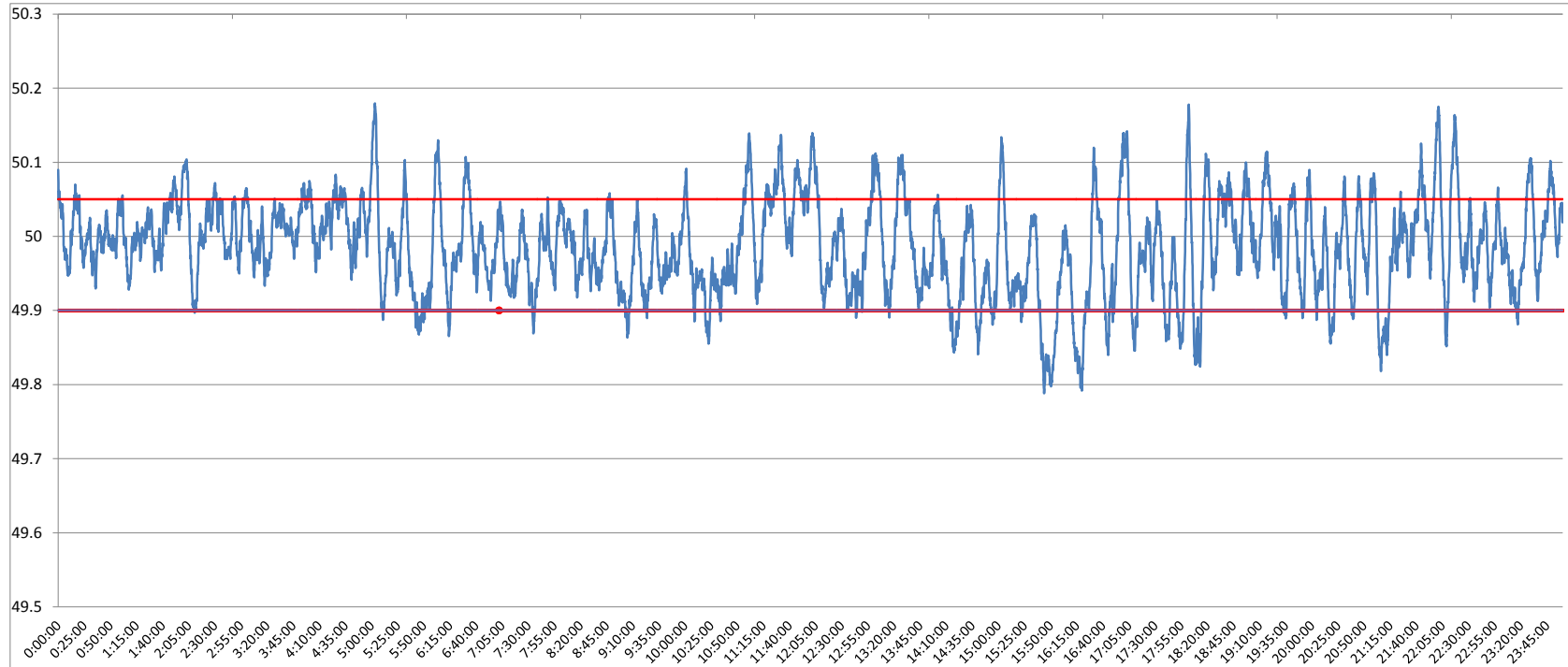


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-Nov-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	8.65	40.32	0.16	8.48	49.35	38.54	3.46	75.71	100.00	34.32	12.27	41.84	25.36	15.65	0.00

Average Frequency	49.99	Frequency Variation Index :	0.043	Standard Deviation :	0.064
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.18	5:03:00
Min	49.79	15:43:40

15 minute average Frequency		
Max	50.066	12:00:00
Min	49.859	16:00:00

No. of excursion above 50.03 Hz	125
No. of excursion below 49.97 Hz	129
No. of excursion above 50.00 Hz	145
No. of excursion below 50.00 Hz	143

Average time freq remains below 49.97 per excursion	0:04:30	Average time frequency remains above 50.03 per excursion	0:02:55
---	---------	--	---------