

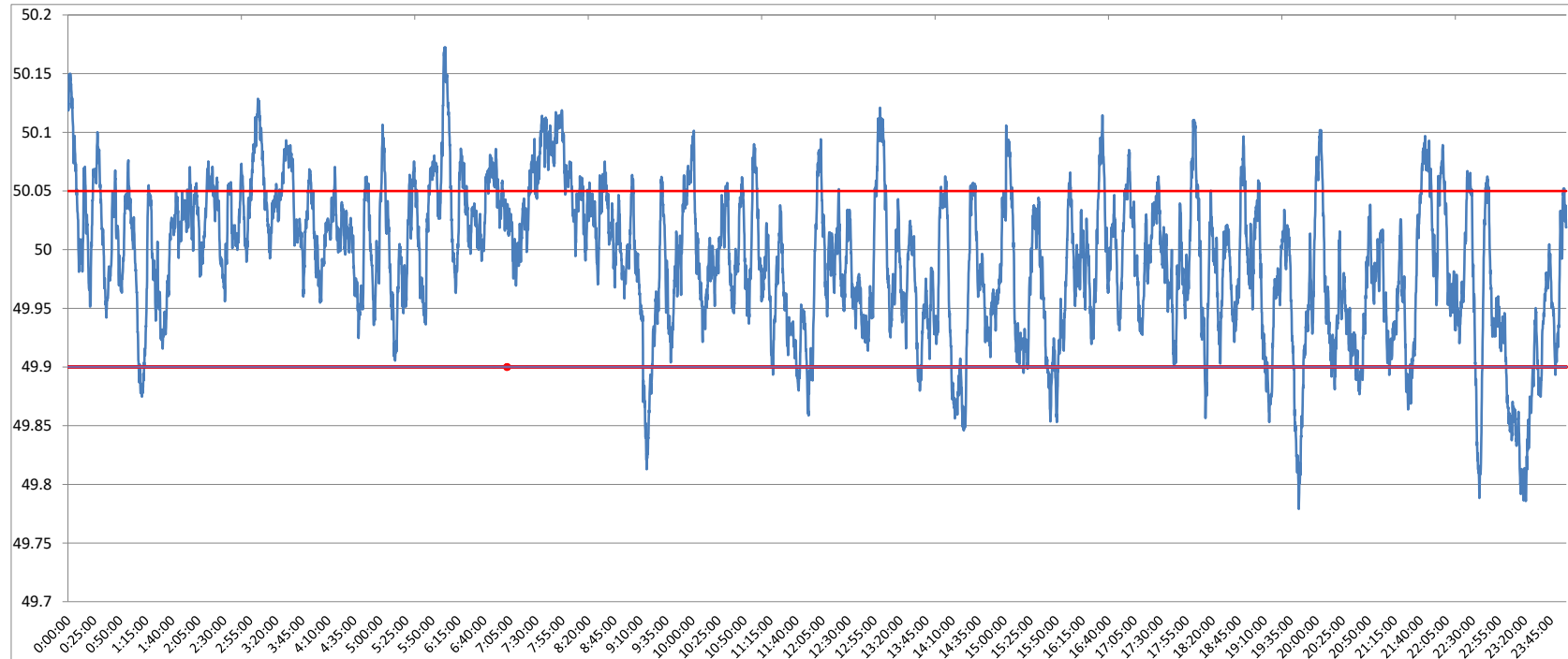


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-May-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	8.08	35.24	0.32	7.75	43.92	45.49	2.51	74.28	100.00	35.59	15.16	47.91	29.17	17.64	0.00

Average Frequency	49.99	Frequency Variation Index :	0.040	Standard Deviation :	0.062
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.17 6:02:30
Min	49.78 19:42:50

15 minute average Frequency		
Max	50.091	8:00:00
Min	49.838	23:30:00

No. of excursion above 50.03 Hz	132
No. of excursion below 49.97 Hz	135
No. of excursion above 50.00 Hz	145
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:03:46	Average time frequency remains above 50.03 per excursion	0:03:11
---	---------	--	---------