

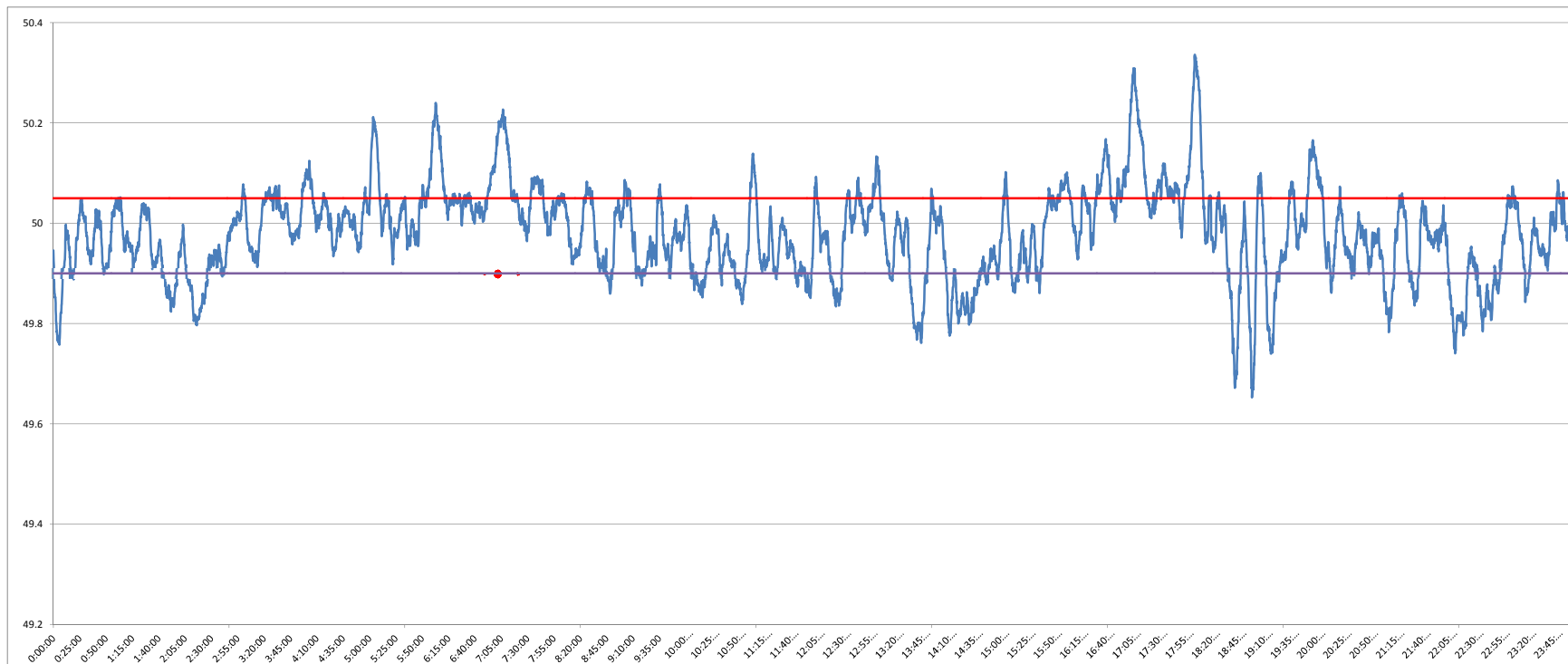


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

09-May-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	0.30	18.45	44.77	2.35	15.80	39.31	35.73	4.78	62.66	97.96	26.19	12.43	42.15	29.04	18.89	1.74

Average Frequency	49.98	Frequency Variation Index :	0.089	Standard Deviation :	0.092
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
MAX	50.34	18:03:00
Min	49.65	18:57:20

15 minute average Frequency		
Max	50.217	17:15:00
Min	49.834	13:45:00

No. of excursion above 50.03 Hz	104
No. of excursion below 49.97 Hz	103
No. of excursion above 50.00 Hz	94
No. of excursion below 50.00 Hz	93

Average time freq remains below 49.97 per excursion	0:06:16	Average time frequency remains above 50.03 per excursion	0:04:01
---	---------	--	---------