

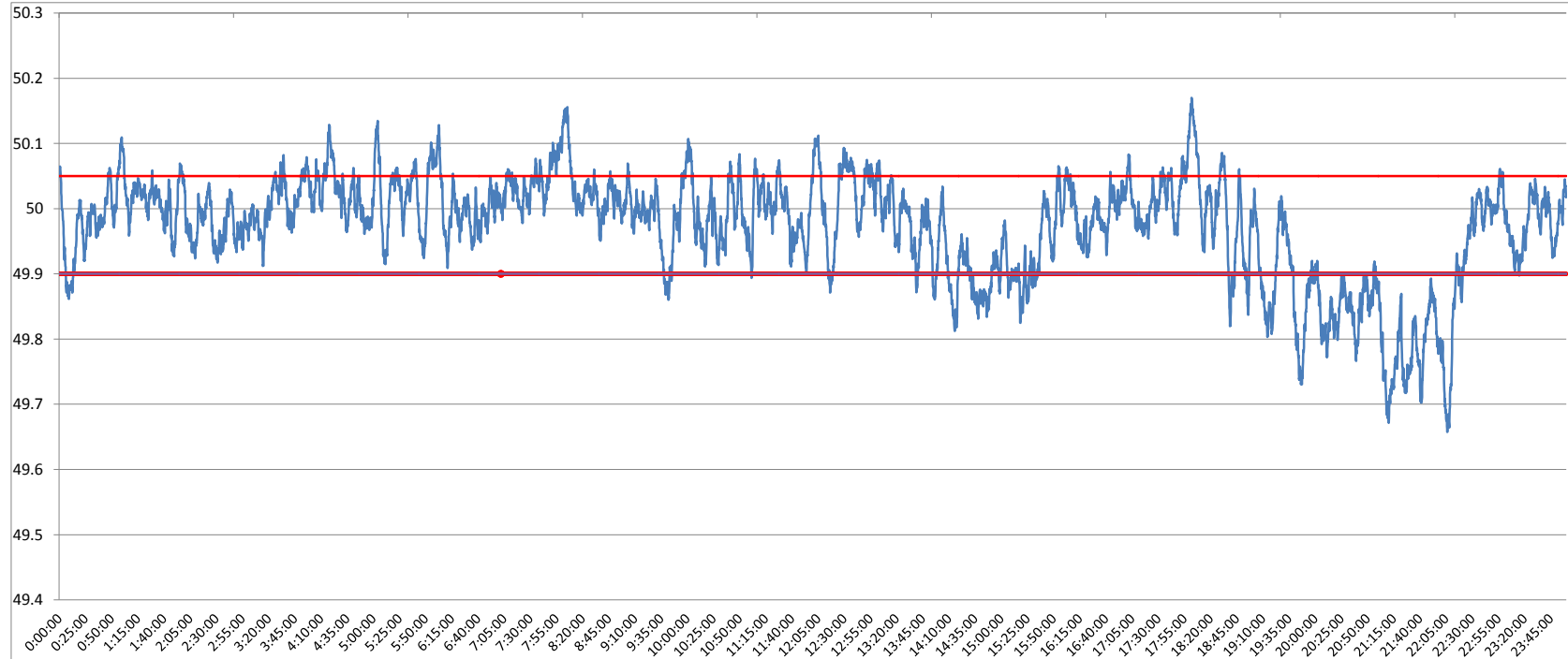


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-Jul-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	0.50	17.36	37.73	3.77	13.09	40.15	40.58	1.91	70.50	99.50	40.15	10.29	42.43	22.12	12.14	0.00

Average Frequency	49.97	Frequency Variation Index :	0.073	Standard Deviation :	0.080
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Instantaneous Frequency		
Max	50.17	18:02:00
Min	49.66	22:06:20

15 minute average Frequency		
Max	50.082	8:15:00
Min	49.755	21:15:00

No. of excursion above 50.03 Hz	125
No. of excursion below 49.97 Hz	124
No. of excursion above 50.00 Hz	167
No. of excursion below 50.00 Hz	162

Average time freq remains below 49.97 per excursion	0:04:23	Average time frequency remains above 50.03 per excursion	0:02:33
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