

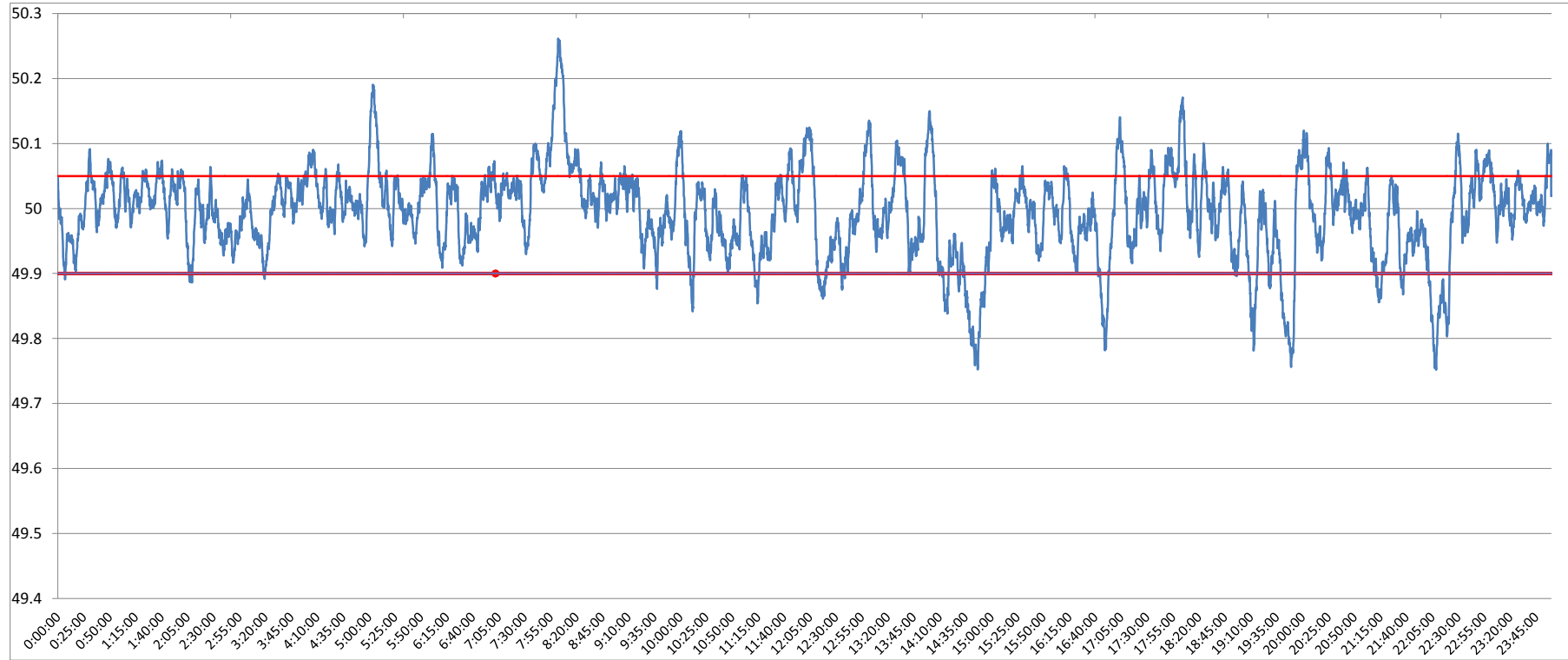


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

09-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	0.00	7.97	32.81	1.19	6.78	42.74	45.50	3.30	75.56	99.51	37.56	12.81	49.13	29.63	16.47	0.49

Average Frequency	49.99	Frequency Variation Index :	0.047	Standard Deviation :	0.068
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Instantaneous Frequency	
Max	50.26 8:02:30
Min	49.75 22:08:50

15 minute average Frequency	
Max	50.160 8:15:00
Min	49.838 22:15:00

No. of excursion above 50.03 Hz	141
No. of excursion below 49.97 Hz	108
No. of excursion above 50.00 Hz	146
No. of excursion below 50.00 Hz	146

Average time freq remains below 49.97 per excursion	0:04:23	Average time frequency remains above 50.03 per excursion	0:03:02
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