

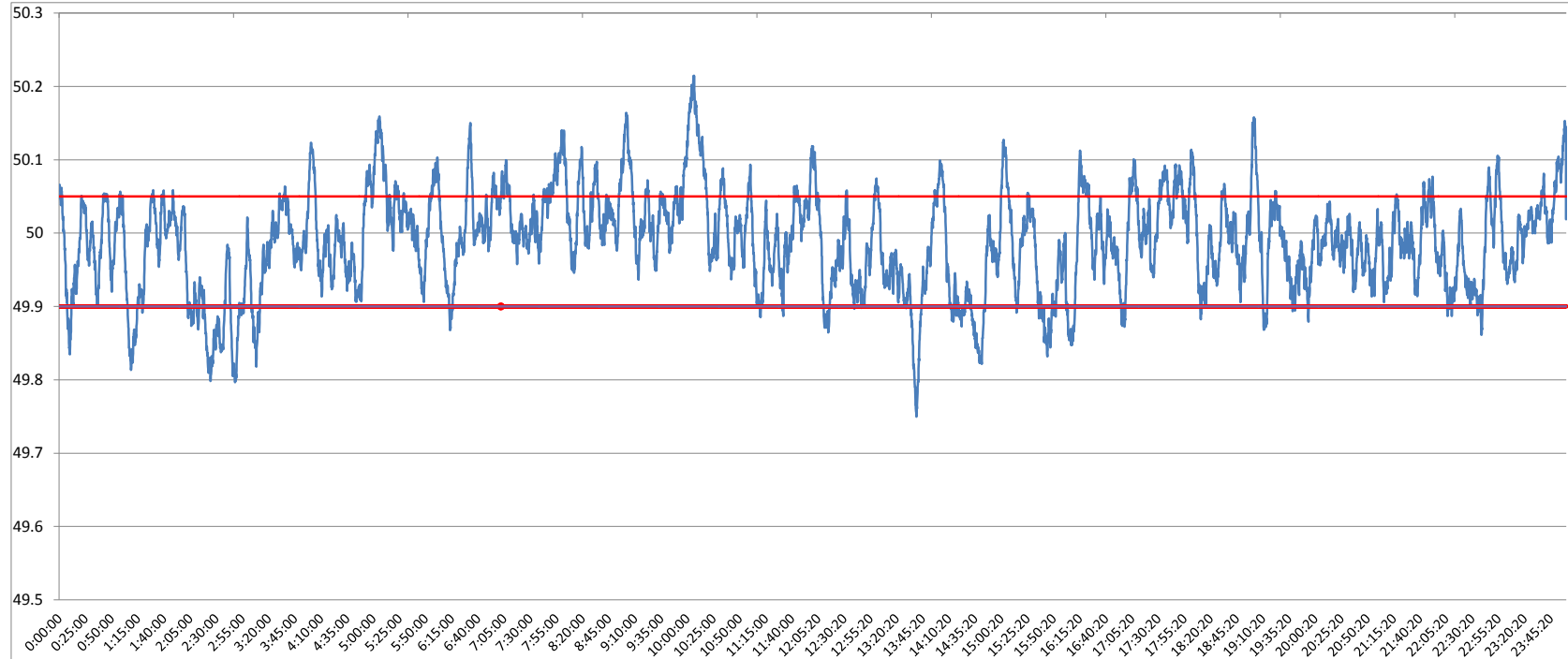


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

16-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	9.91	37.08	0.31	9.59	45.15	40.58	4.27	72.87	99.91	36.05	12.94	44.88	26.86	17.22	0.09

Average Frequency	49.99	Frequency Variation Index :	0.047	Standard Deviation :	0.068
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Instantaneous Frequency		
Max	50.21	10:06:30
Min	49.75	13:39:20

15 minute average Frequency		
Max	50.155	10:15:00
Min	49.857	13:45:00

No. of excursion above 50.03 Hz	110
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	153
No. of excursion below 50.00 Hz	152

Average time freq remains below 49.97 per excursion	0:04:16	Average time frequency remains above 50.03 per excursion	0:03:31
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