

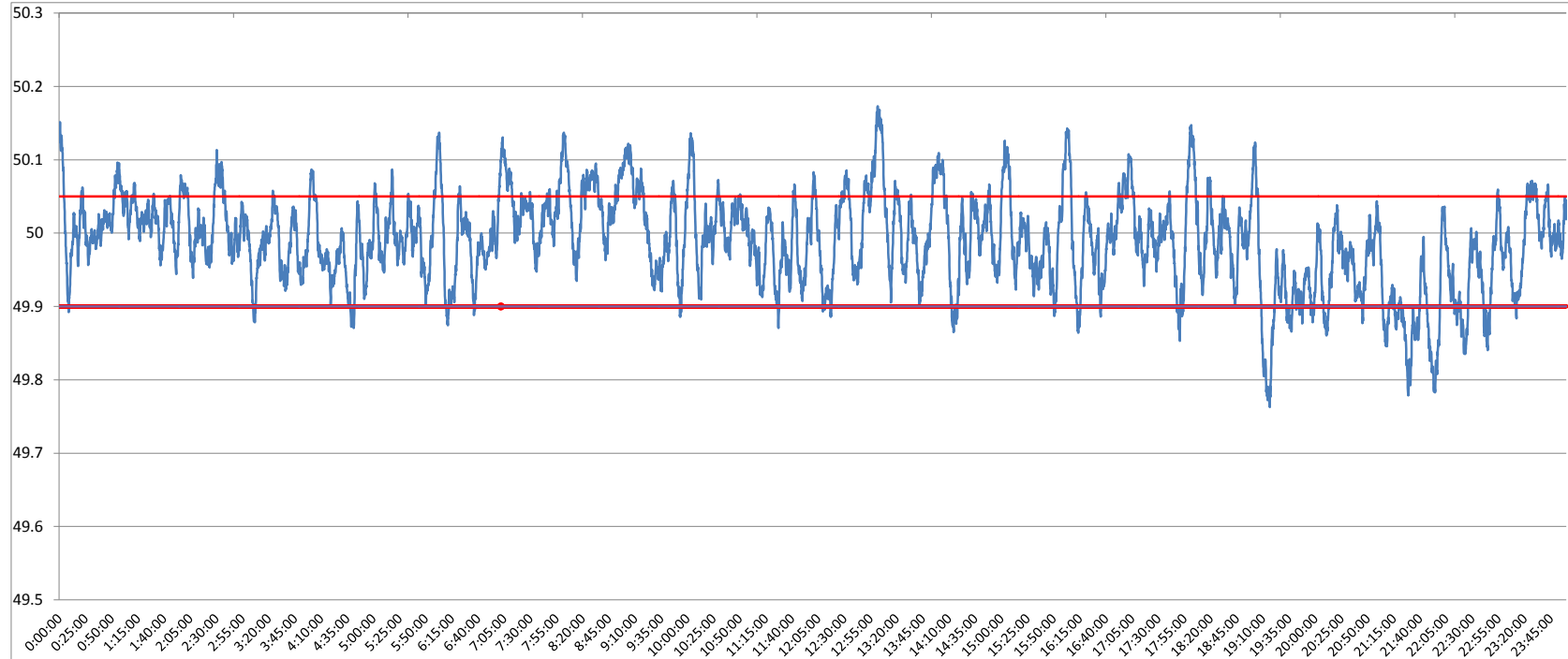


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

14-Jul-16



<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	8.10	35.22	0.54	7.56	47.56	40.86	3.48	75.91	100.00	38.65	12.55	44.27	26.13	15.98	0.00

Average Frequency	49.99	Frequency Variation Index :	0.041	Standard Deviation :	0.063
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Instantaneous Frequency	
Max	50.17 13:02:00
Min	49.76 19:16:30

15 minute average Frequency		
Max	50.081	9:15:00
Min	49.848	22:00:00

No. of excursion above 50.03 Hz	121
No. of excursion below 49.97 Hz	146
No. of excursion above 50.00 Hz	159
No. of excursion below 50.00 Hz	157

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:03:07
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