

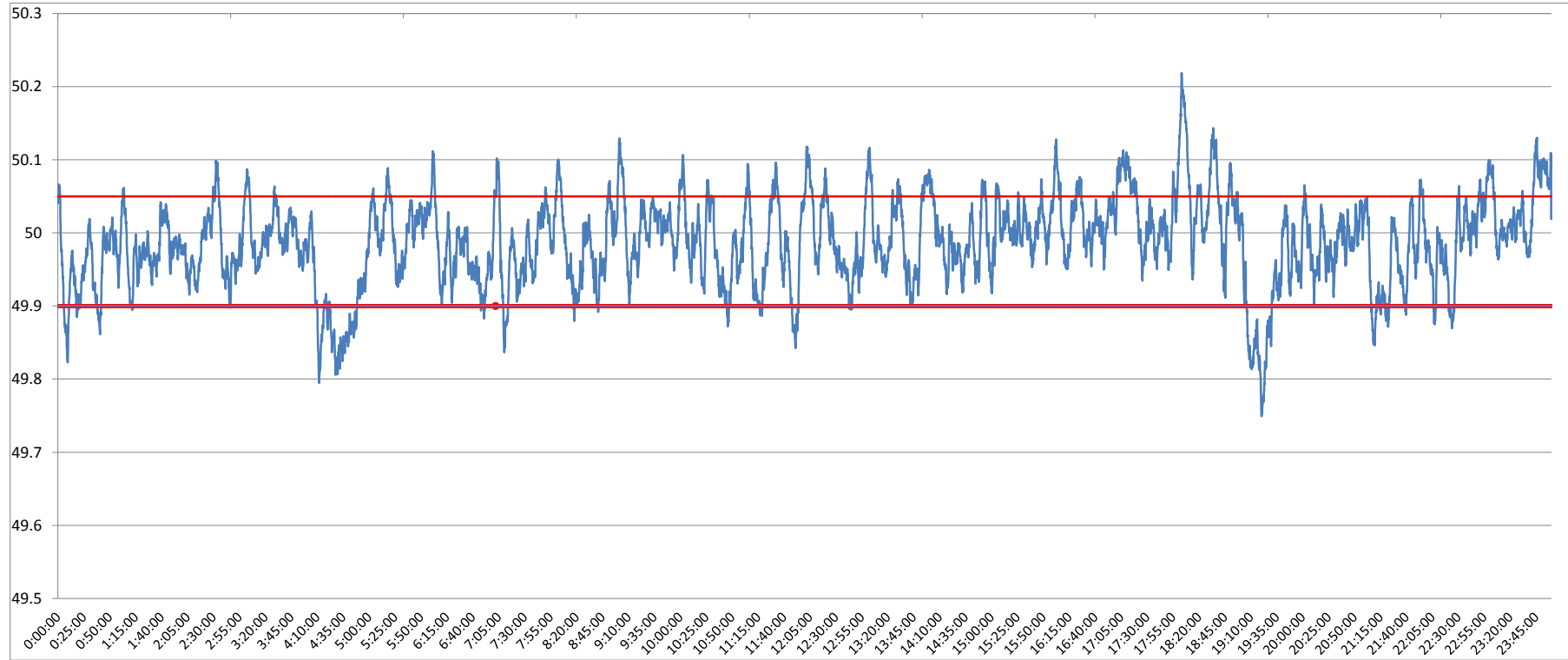


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-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	7.74	37.41	0.29	7.45	51.04	39.04	2.13	78.78	99.95	40.22	11.34	41.15	22.37	13.47	0.05

Average Frequency	49.99	Frequency Variation Index :	0.038	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.22	18:03:20
Min	49.75	19:20:30

15 minute average Frequency		
Max	50.103	18:15:00
Min	49.828	19:30:00

No. of excursion above 50.03 Hz	127
No. of excursion below 49.97 Hz	155
No. of excursion above 50.00 Hz	166
No. of excursion below 50.00 Hz	166

Average time freq remains below 49.97 per excursion	0:03:29	Average time frequency remains above 50.03 per excursion	0:02:32
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