



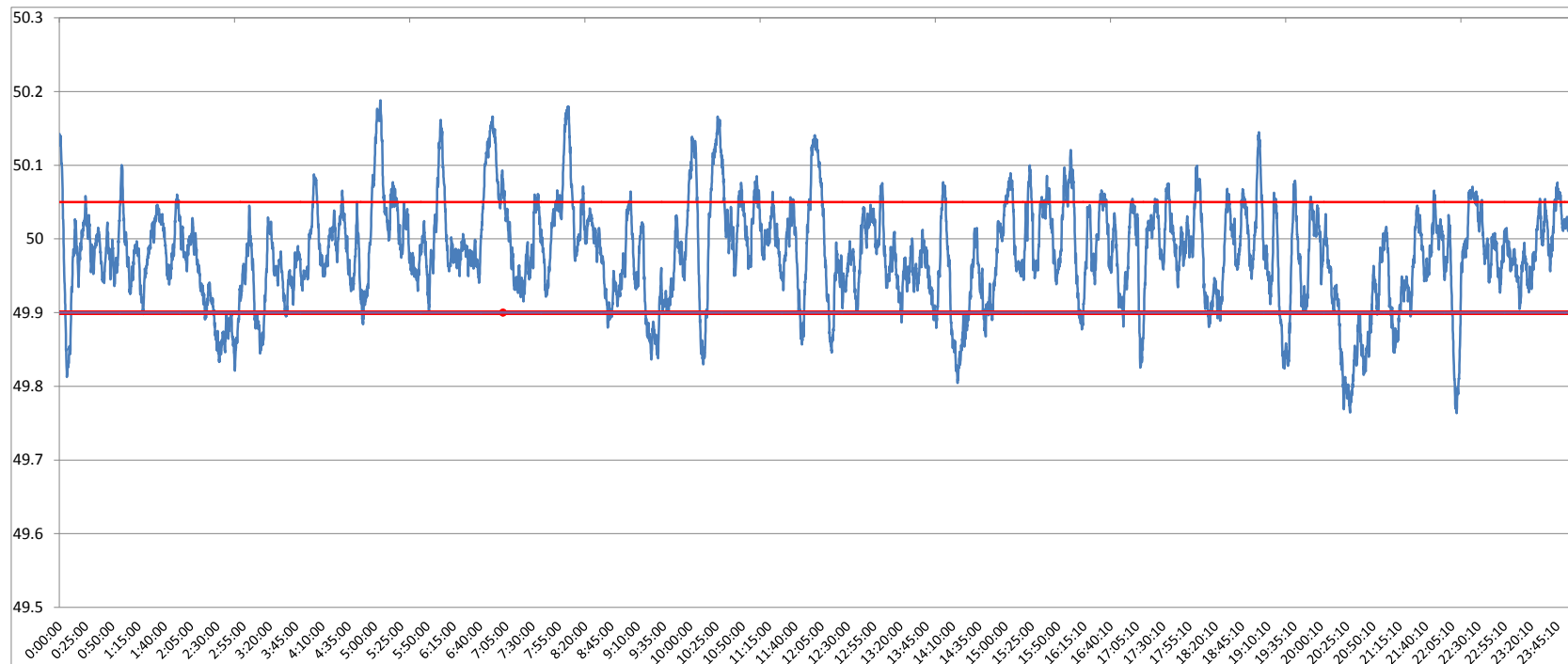
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-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	11.85	42.49	0.75	11.10	49.77	34.34	4.04	74.97	100.00	35.63	9.17	38.30	21.89	13.18	0.00

Average Frequency	49.98	Frequency Variation Index :	0.050	Standard Deviation :	0.068
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Instantaneous Frequency	
Max	50.19 5:05:20
Min	49.76 22:09:30

15 minute average Frequency		
Max	50.115	7:00:00
Min	49.825	20:30:00

No. of excursion above 50.03 Hz	116
No. of excursion below 49.97 Hz	162
No. of excursion above 50.00 Hz	144
No. of excursion below 50.00 Hz	140

Average time freq remains below 49.97 per excursion	0:03:47	Average time frequency remains above 50.03 per excursion	0:02:43
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