

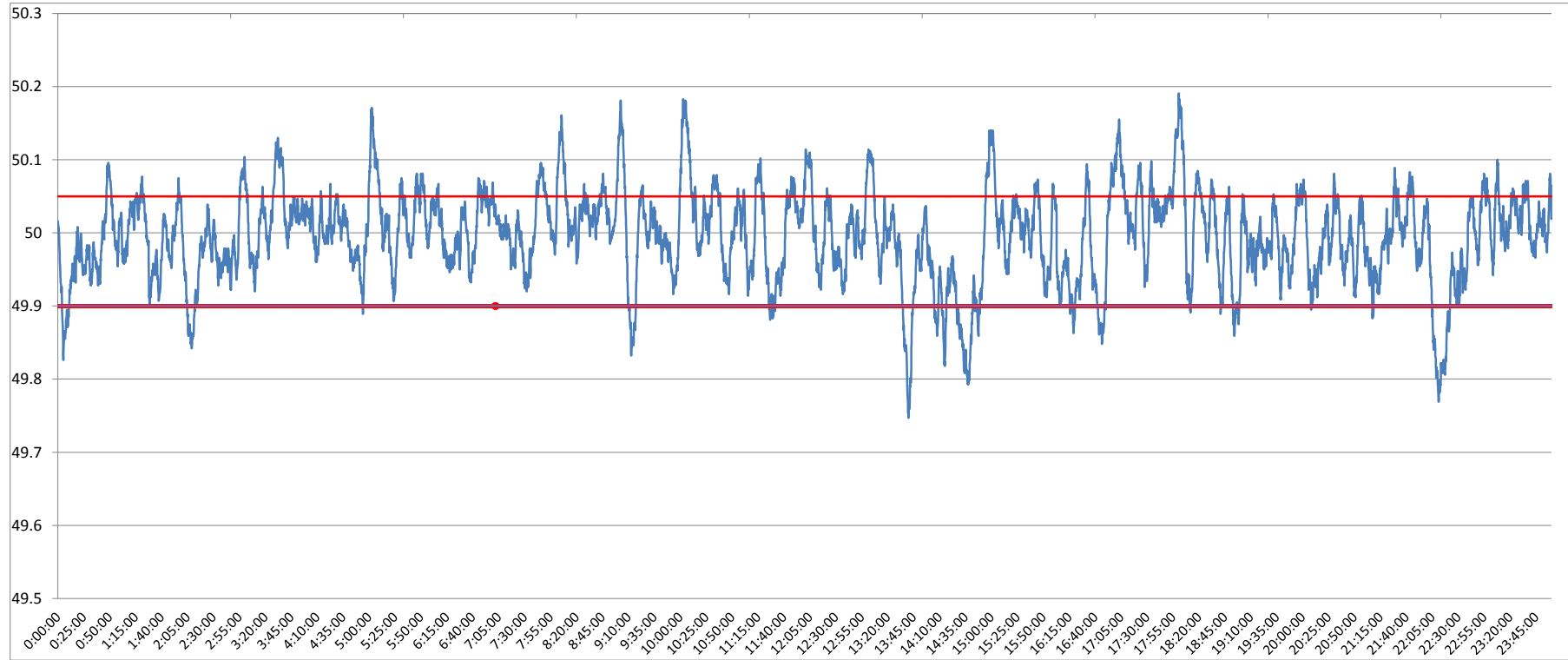


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BALLIA:Frequency

National Grid Frequency Profile for

02-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	6.92	31.78	0.50	6.42	43.90	45.29	3.89	76.24	100.00	38.95	13.17	47.96	29.27	16.84	0.00

Average Frequency	49.99	Frequency Variation Index :	0.040	Standard Deviation :	0.063
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Instantaneous Frequency	
Max	50.19 18:00:40
Min	49.75 13:40:10

15 minute average Frequency	
Max	50.106 10:15:00
Min	49.851 14:45:00

No. of excursion above 50.03 Hz	177
No. of excursion below 49.97 Hz	103
No. of excursion above 50.00 Hz	96
No. of excursion below 50.00 Hz	101

Average time freq remains below 49.97 per excursion	0:04:27	Average time frequency remains above 50.03 per excursion	0:02:23
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