

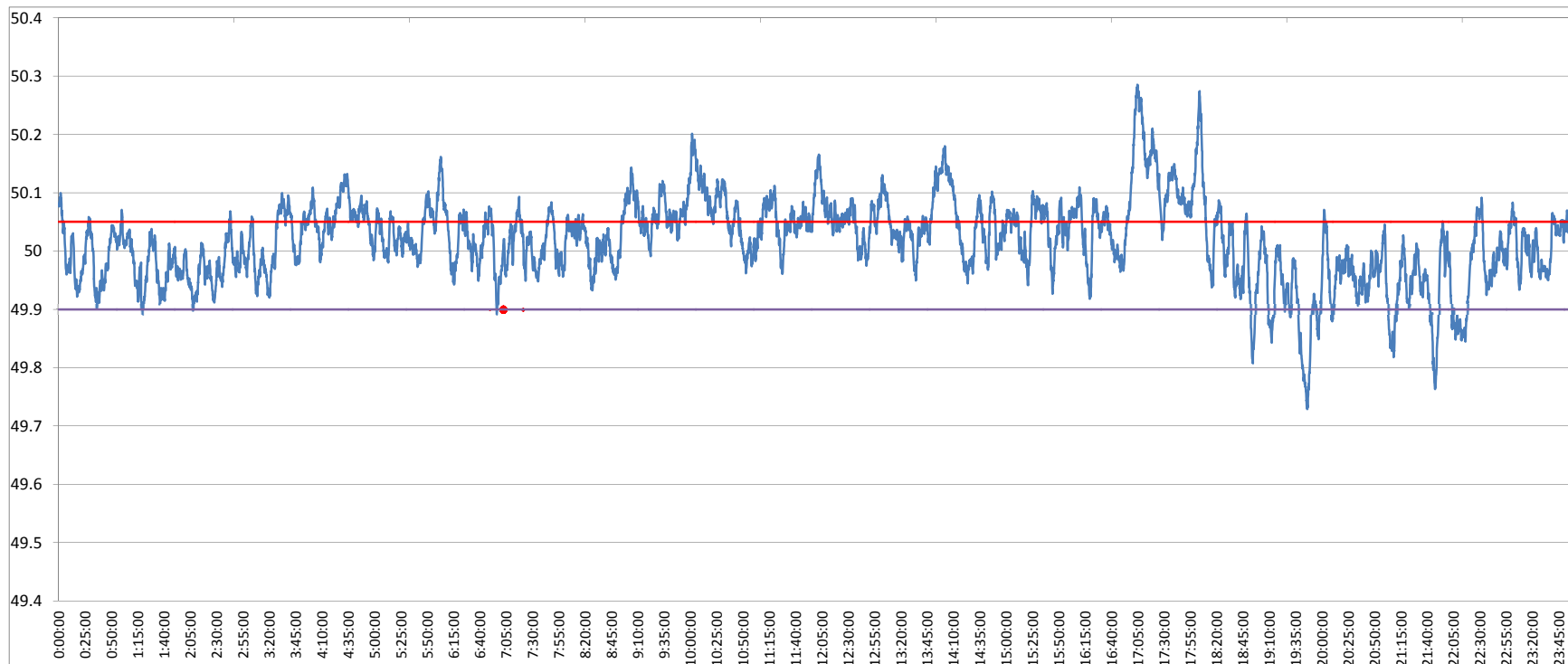


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-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	4.54	22.41	0.68	3.85	33.81	52.86	7.86	62.86	99.06	31.40	23.91	61.63	46.19	32.60	0.94

Average Frequency	50.02	Frequency Variation Index :	0.052	Standard Deviation :	0.070
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Instantaneous Frequency	
Max	50.28 17:04:40
Min	49.73 19:46:00

15 minute average Frequency	
Max	50.212 17:15:00
Min	49.860 20:00:00

No. of excursion above 50.03 Hz	138
No. of excursion below 49.97 Hz	120
No. of excursion above 50.00 Hz	137
No. of excursion below 50.00 Hz	136

Average time freq remains below 49.97 per excursion	0:02:41	Average time frequency remains above 50.03 per excursion	0:04:49
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