

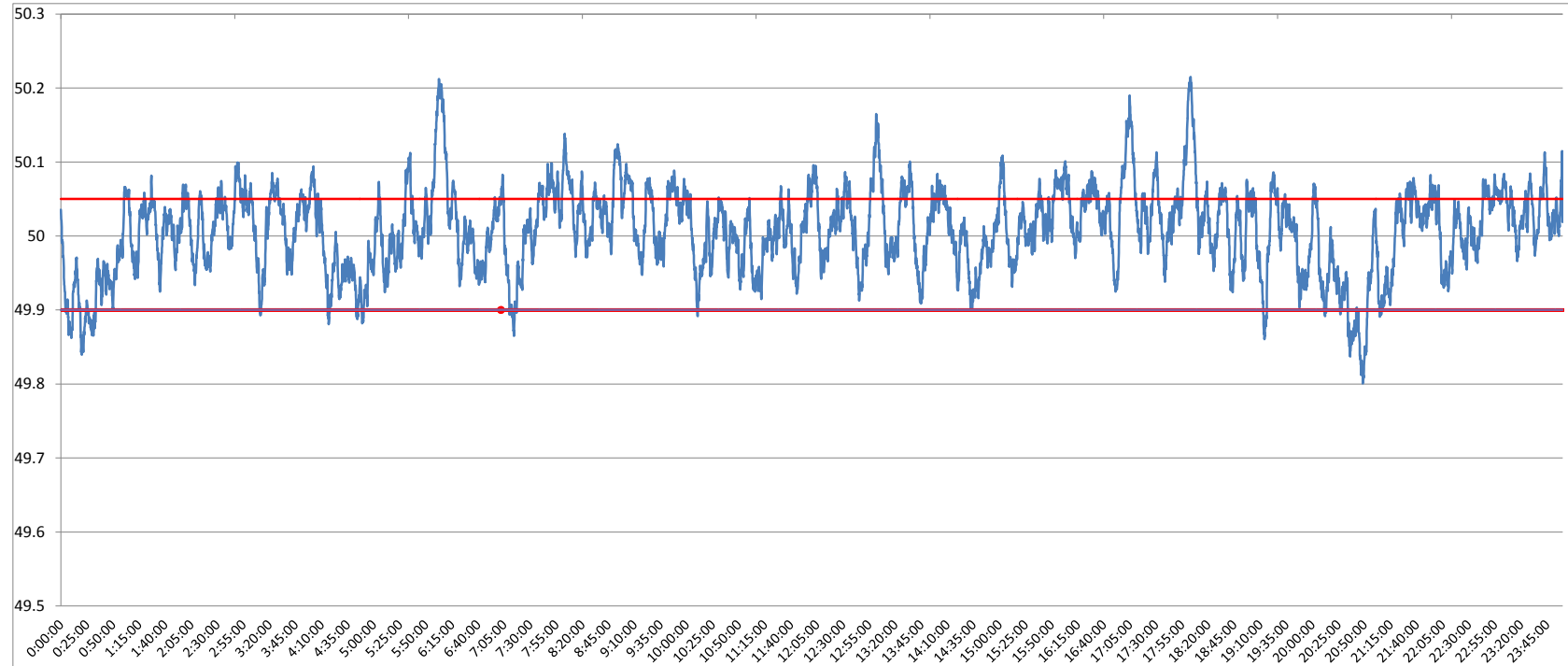


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

14-Aug-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	3.76	25.51	0.00	3.76	38.28	54.70	3.00	73.69	99.73	37.63	19.34	57.89	36.86	22.55	0.27

Average Frequency	50.01	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency		
Max	50.21	18:03:10
Min	49.80	20:48:20

15 minute average Frequency		
Max	50.124	6:15:00
Min	49.887	20:45:00

No. of excursion above 50.03 Hz	163
No. of excursion below 49.97 Hz	111
No. of excursion above 50.00 Hz	150
No. of excursion below 50.00 Hz	151

Average time freq remains below 49.97 per excursion	0:03:19	Average time frequency remains above 50.03 per excursion	0:03:15
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