

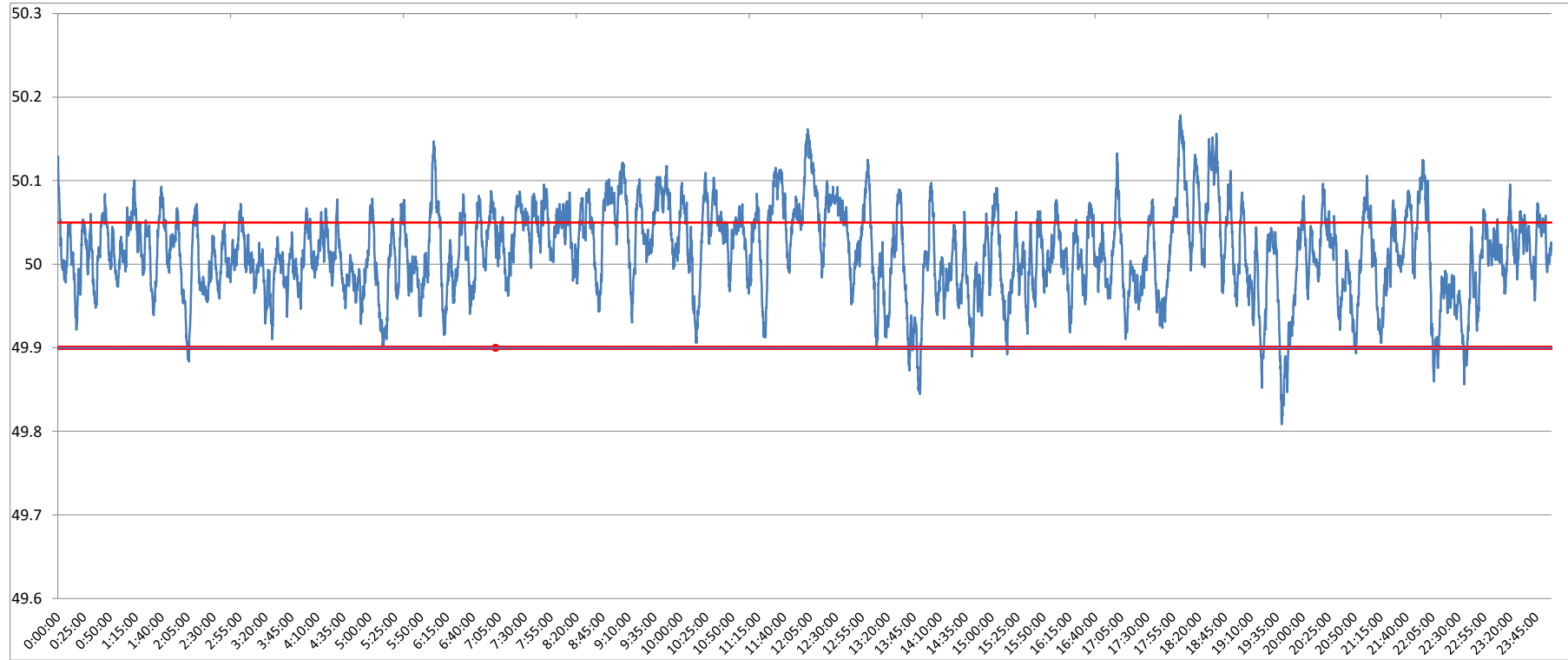


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-Jul-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	1.99	18.76	0.00	1.99	36.01	58.13	3.88	71.82	100.00	41.13	22.43	61.84	40.10	26.19	0.00

Average Frequency	50.01	Frequency Variation Index :	0.029	Standard Deviation :	0.052
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Instantaneous Frequency		
Max	50.18	18:02:20
Min	49.81	19:39:50

15 minute average Frequency		
Max	50.109	12:15:00
Min	49.934	19:45:00

No. of excursion above 50.03 Hz	153
No. of excursion below 49.97 Hz	124
No. of excursion above 50.00 Hz	193
No. of excursion below 50.00 Hz	192

Average time freq remains below 49.97 per excursion	0:02:11	Average time frequency remains above 50.03 per excursion	0:03:46
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