

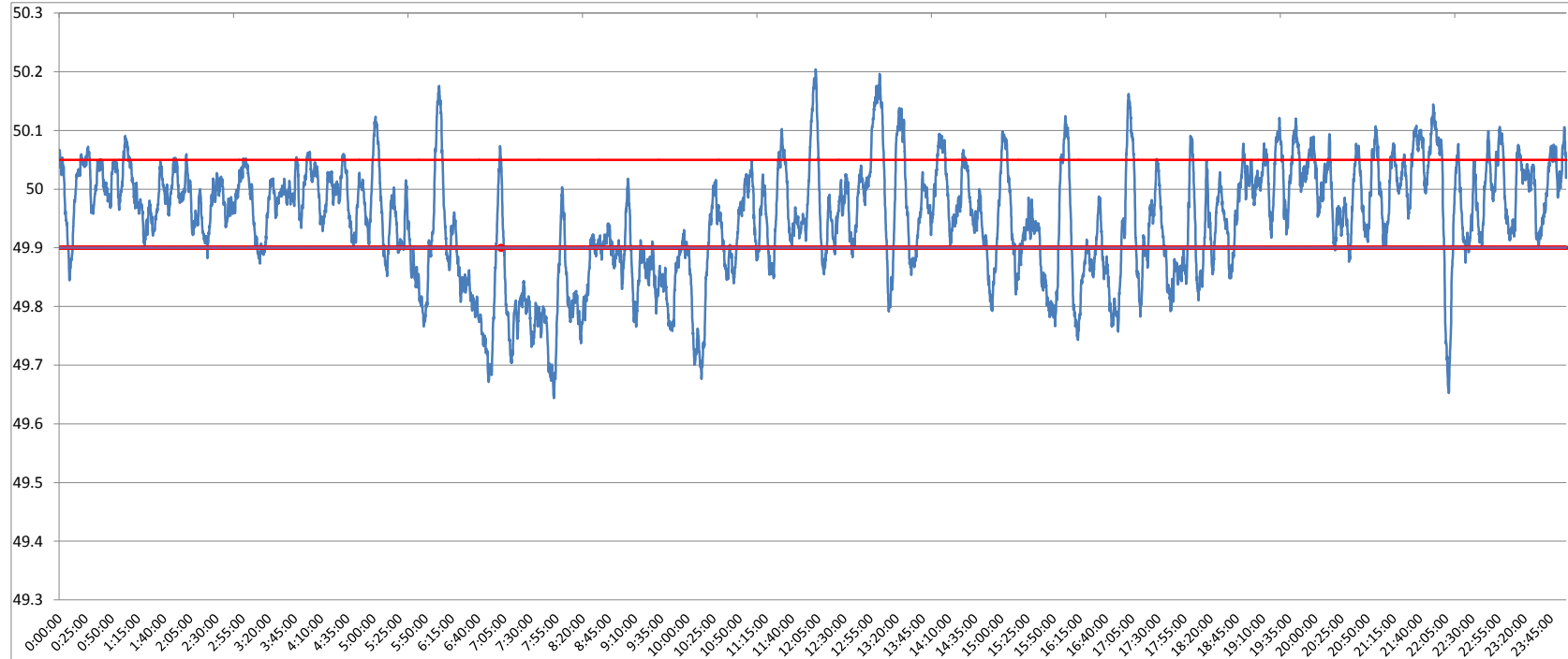


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-Nov-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	0.94	28.78	55.14	7.49	20.36	38.62	29.35	3.22	57.85	99.04	24.32	10.17	32.55	20.54	13.37	0.02

Average Frequency	49.95	Frequency Variation Index :	0.119	Standard Deviation :	0.096
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Instantaneous Frequency	
Max	50.2 12:02:50
Min	49.64 7:52:40

15 minute average Frequency	
Max	50.074 22:00:00
Min	49.755 8:00:00

No. of excursion above 50.03 Hz	88
No. of excursion below 49.97 Hz	102
No. of excursion above 50.00 Hz	108
No. of excursion below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:07:47	Average time frequency remains above 50.03 per excursion	0:03:22
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