

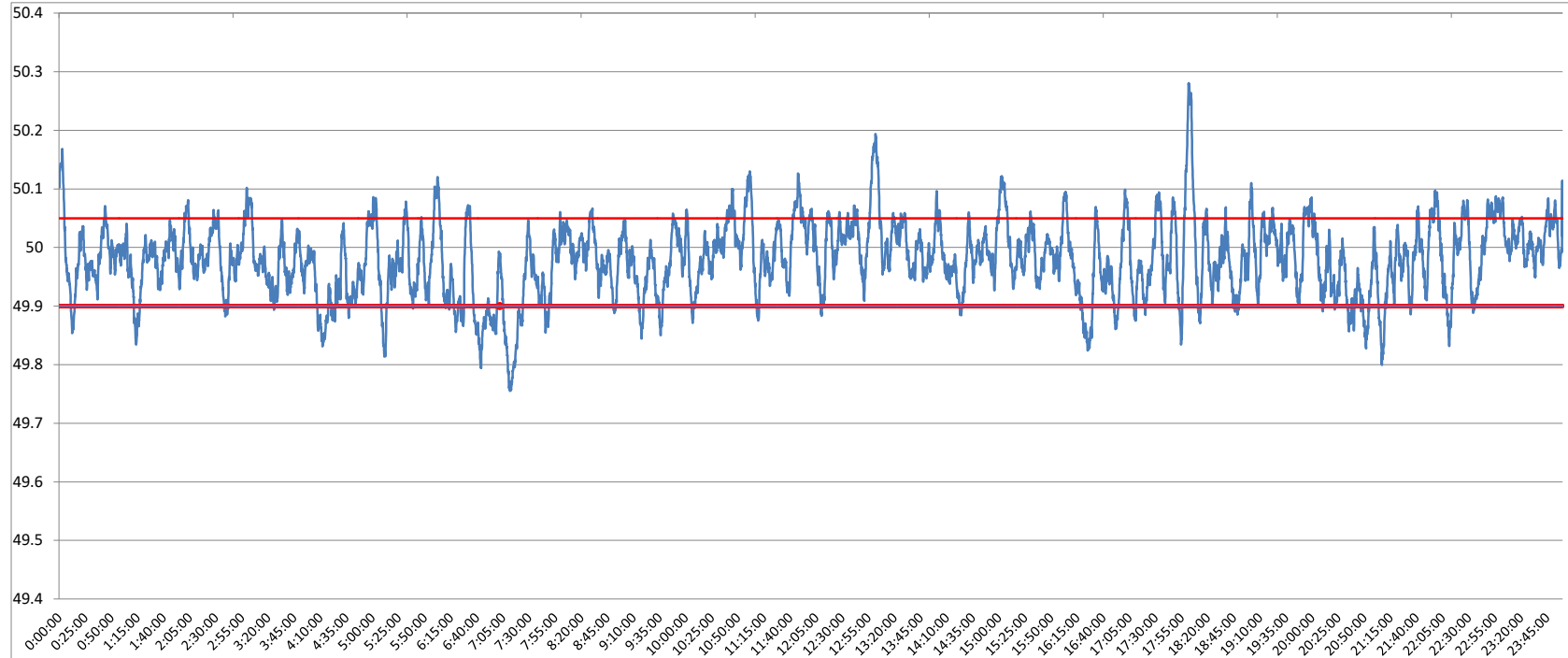


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

01-Feb-17



<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	10.79	42.73	0.44	10.35	52.27	34.79	1.86	76.88	99.71	36.17	10.28	36.91	21.10	12.34	0.29

Average Frequency	49.98	Frequency Variation Index :	0.045	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.28	18:02:00
Min	49.76	7:11:50

15 minute average Frequency		
Max	50.063	18:15:00
Min	49.860	7:15:00

No. of excursion above 50.03 Hz	114
No. of excursion below 49.97 Hz	163
No. of excursion above 50.00 Hz	168
No. of excursion below 50.00 Hz	167

Average time freq remains below 49.97 per excursion	0:03:47	Average time frequency remains above 50.03 per excursion	0:02:40
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