

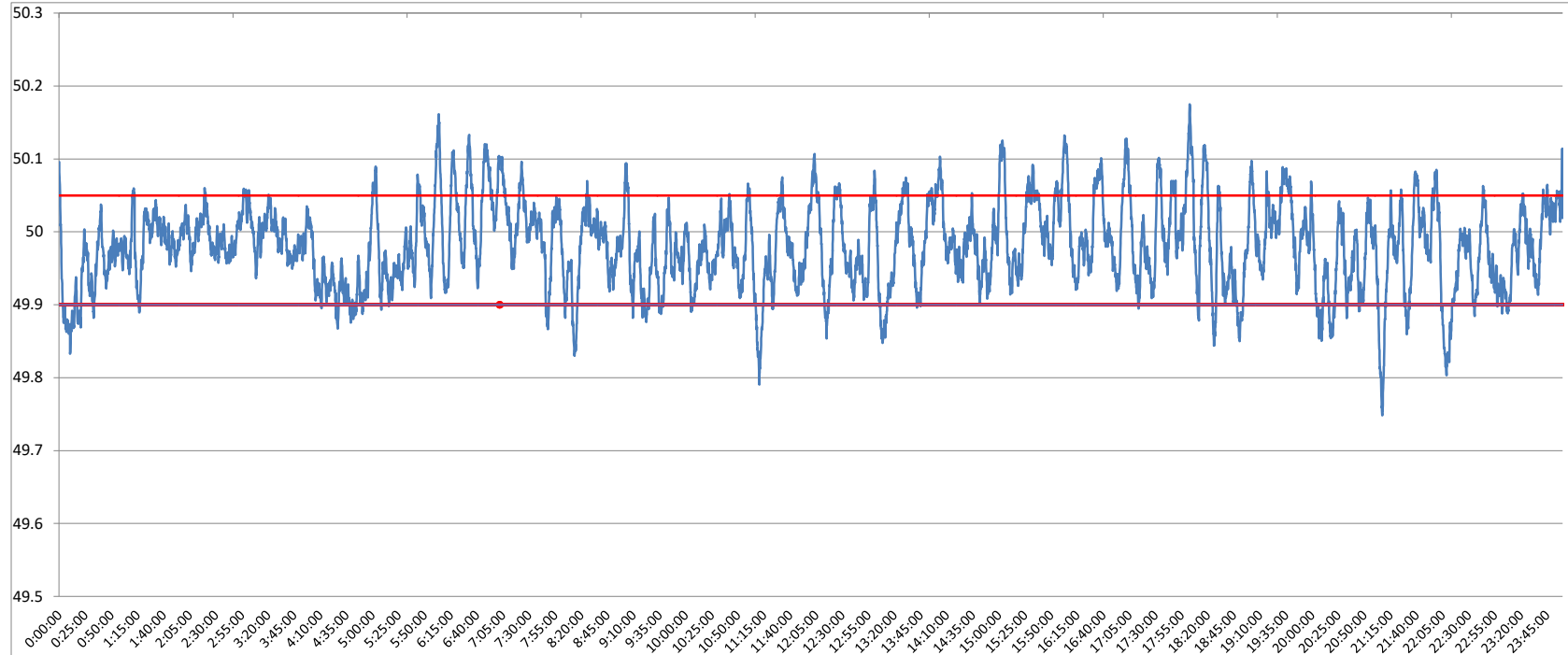


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

19-Mar-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	7.82	42.85	0.17	7.65	55.68	34.20	2.29	79.86	100.00	37.25	10.07	36.46	19.91	12.31	0.00

Average Frequency	49.98	Frequency Variation Index :	0.038	Standard Deviation :	0.059
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Instantaneous Frequency		
Max	50.18	18:02:50
Min	49.75	21:07:10

15 minute average Frequency		
Max	50.064	7:00:00
Min	49.890	22:15:00

No. of excursion above 50.03 Hz	116
No. of excursion below 49.97 Hz	165
No. of excursion above 50.00 Hz	163
No. of excursion below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:03:44	Average time frequency remains above 50.03 per excursion	0:02:28
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