

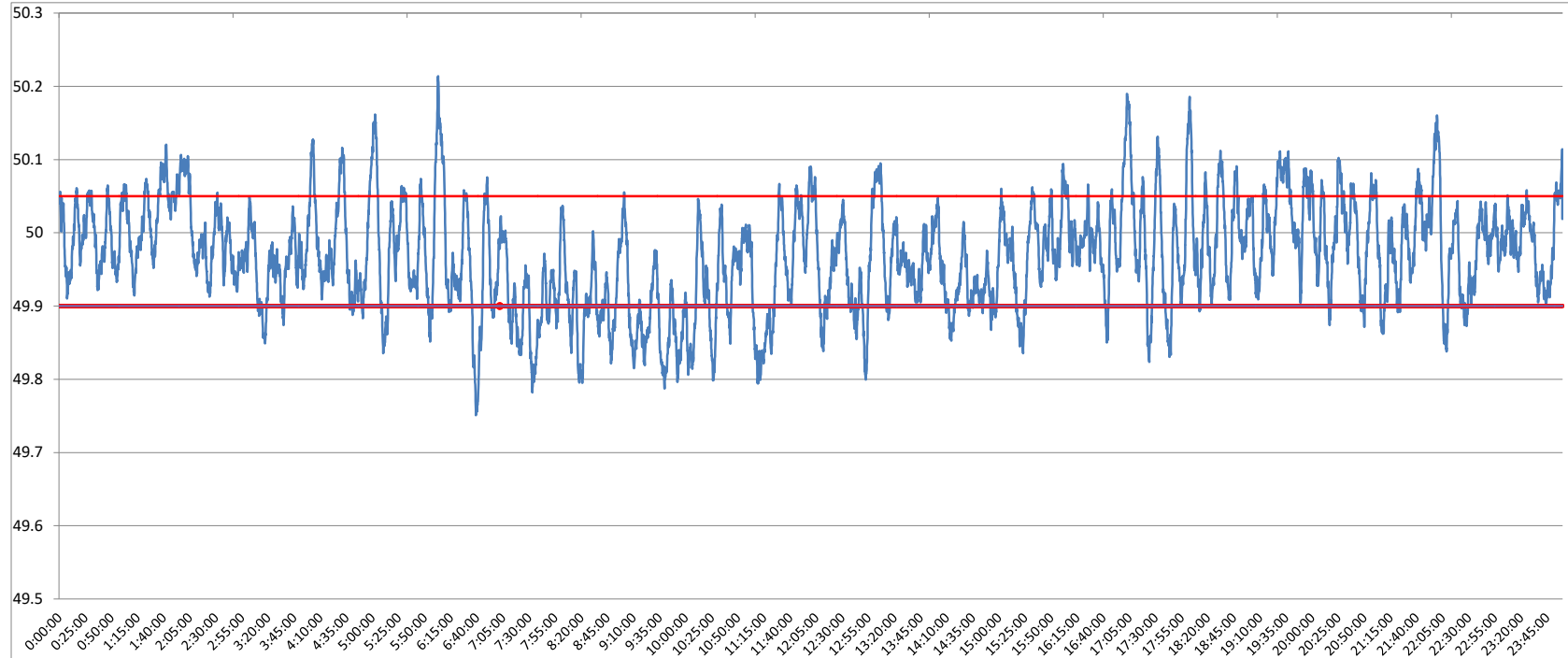


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

31-Dec-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	17.26	51.31	0.50	16.76	49.25	30.71	2.73	69.64	99.94	28.30	10.34	33.43	20.39	13.10	0.06

Average Frequency	49.97	Frequency Variation Index :	0.062	Standard Deviation :	0.072
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Instantaneous Frequency		
Max	50.21	6:02:50
Min	49.75	6:39:10

15 minute average Frequency		
Max	50.063	17:15:00
Min	49.860	7:45:00

No. of excursion above 50.03 Hz	105
No. of excursion below 49.97 Hz	148
No. of excursion above 50.00 Hz	132
No. of excursion below 50.00 Hz	130

Average time freq remains below 49.97 per excursion	0:05:00	Average time frequency remains above 50.03 per excursion	0:02:48
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