

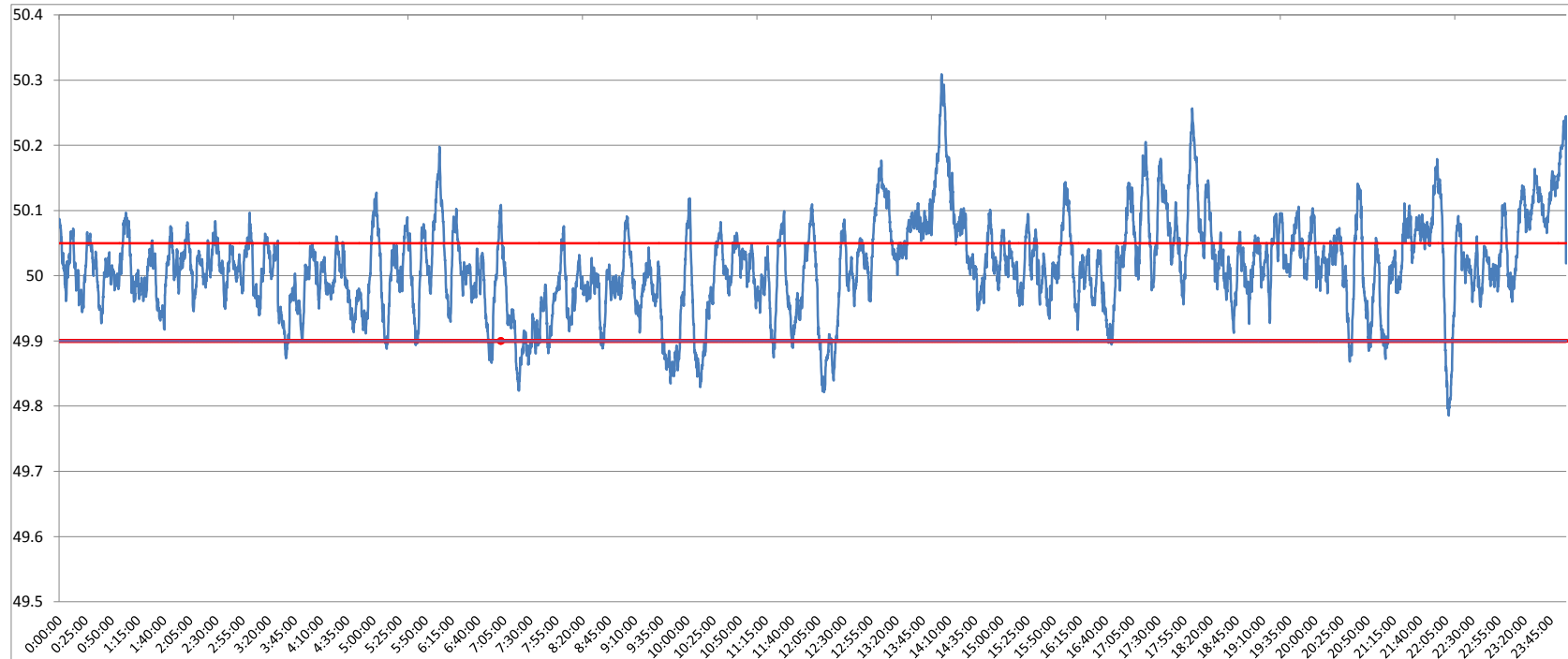


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

31-Jan-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	6.26	23.26	0.07	6.19	34.10	50.08	8.56	66.38	99.00	37.77	17.86	59.59	38.97	27.36	1.00

Average Frequency	50.01	Frequency Variation Index :	0.052	Standard Deviation :	0.070
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Instantaneous Frequency	
Max	50.31 14:03:00
Min	49.79 22:07:40

15 minute average Frequency		
Max	50.199	14:15:00
Min	49.878	7:30:00

No. of excursion above 50.03 Hz	162
No. of excursion below 49.97 Hz	110
No. of excursion above 50.00 Hz	170
No. of excursion below 50.00 Hz	169

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