

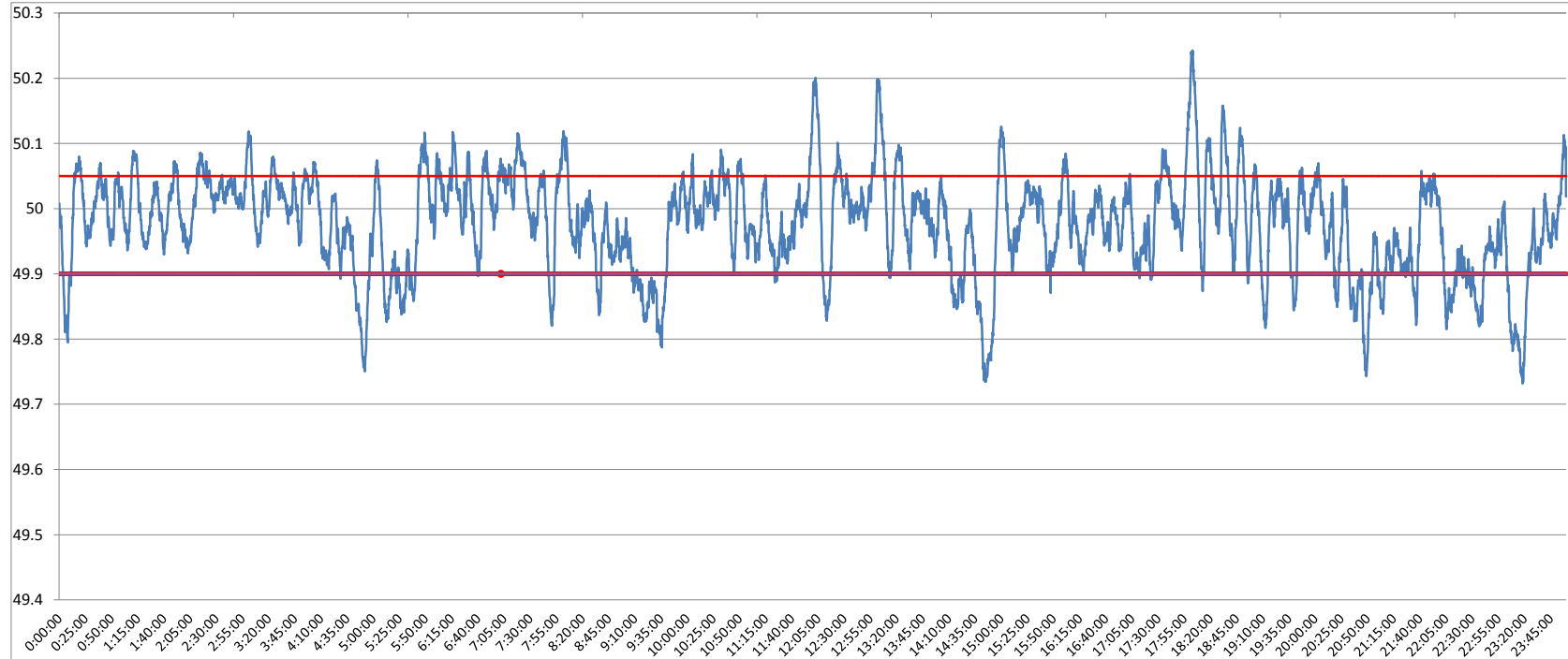


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Apr-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	15.97	42.95	2.00	13.97	42.31	38.48	3.00	69.77	99.77	32.93	11.05	41.70	24.12	14.26	0.23

Average Frequency	49.98	Frequency Variation Index :	0.064	Standard Deviation :	0.077
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Instantaneous Frequency		
Max	50.24	18:02:50
Min	49.73	23:18:10

15 minute average Frequency		
Max	50.074	18:15:00
Min	49.846	5:00:00

No. of excursion above 50.03 Hz	121
No. of excursion below 49.97 Hz	105
No. of excursion above 50.00 Hz	133
No. of excursion below 50.00 Hz	132

Average time freq remains below 49.97 per excursion	0:05:53	Average time frequency remains above 50.03 per excursion	0:02:52
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