

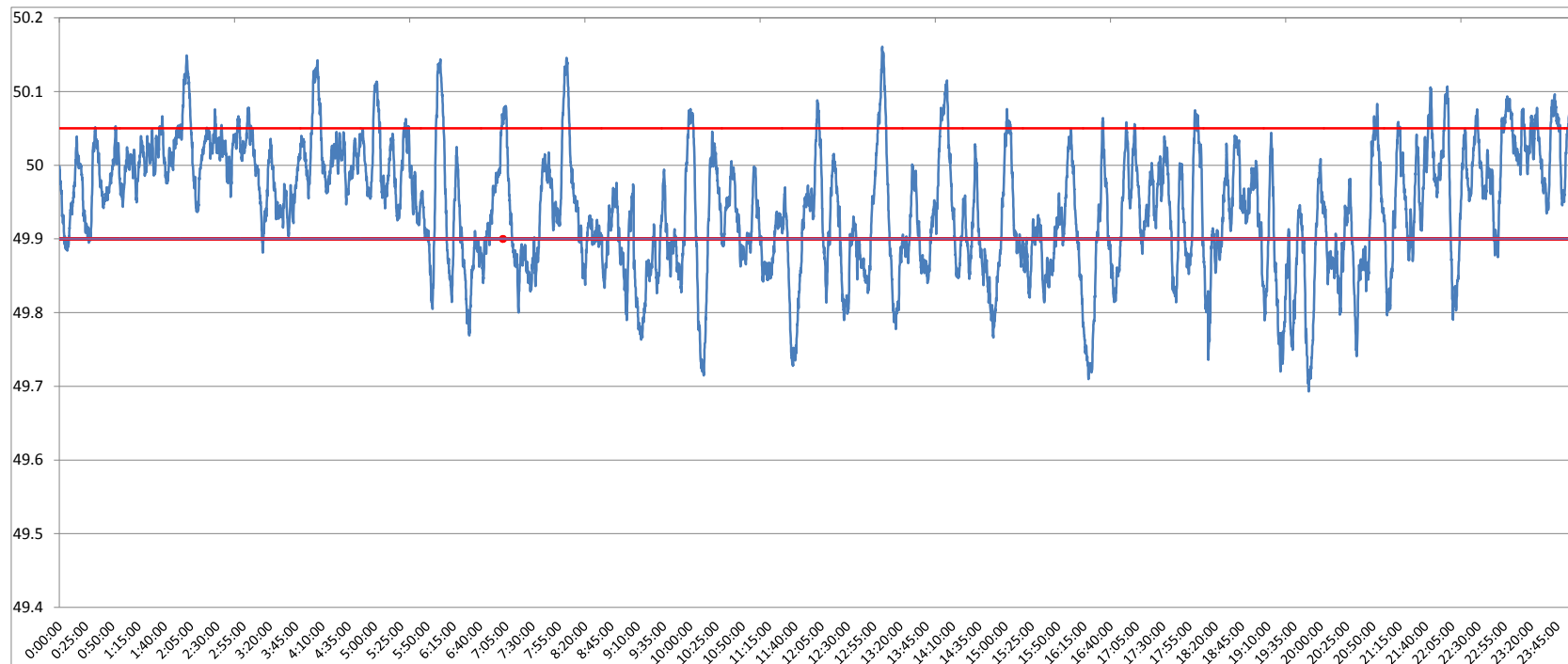


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Dec-15



<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	0.03	31.88	59.42	4.66	27.18	40.25	25.67	2.20	59.09	99.97	25.16	6.85	27.87	15.42	9.04	0.00

Average Frequency	49.94	Frequency Variation Index :	0.102	Standard Deviation :	0.084
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Instantaneous Frequency	
Max	50.16 13:02:50
Min	49.69 19:48:40

15 minute average Frequency	
Max	50.059 4:15:00
Min	49.796 16:30:00

No. of excursion above 50.03 Hz	91
No. of excursion below 49.97 Hz	94
No. of excursion above 50.00 Hz	103
No. of excursion below 50.00 Hz	103

Average time freq remains below 49.97 per excursion	0:09:06	Average time frequency remains above 50.03 per excursion	0:02:26
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