

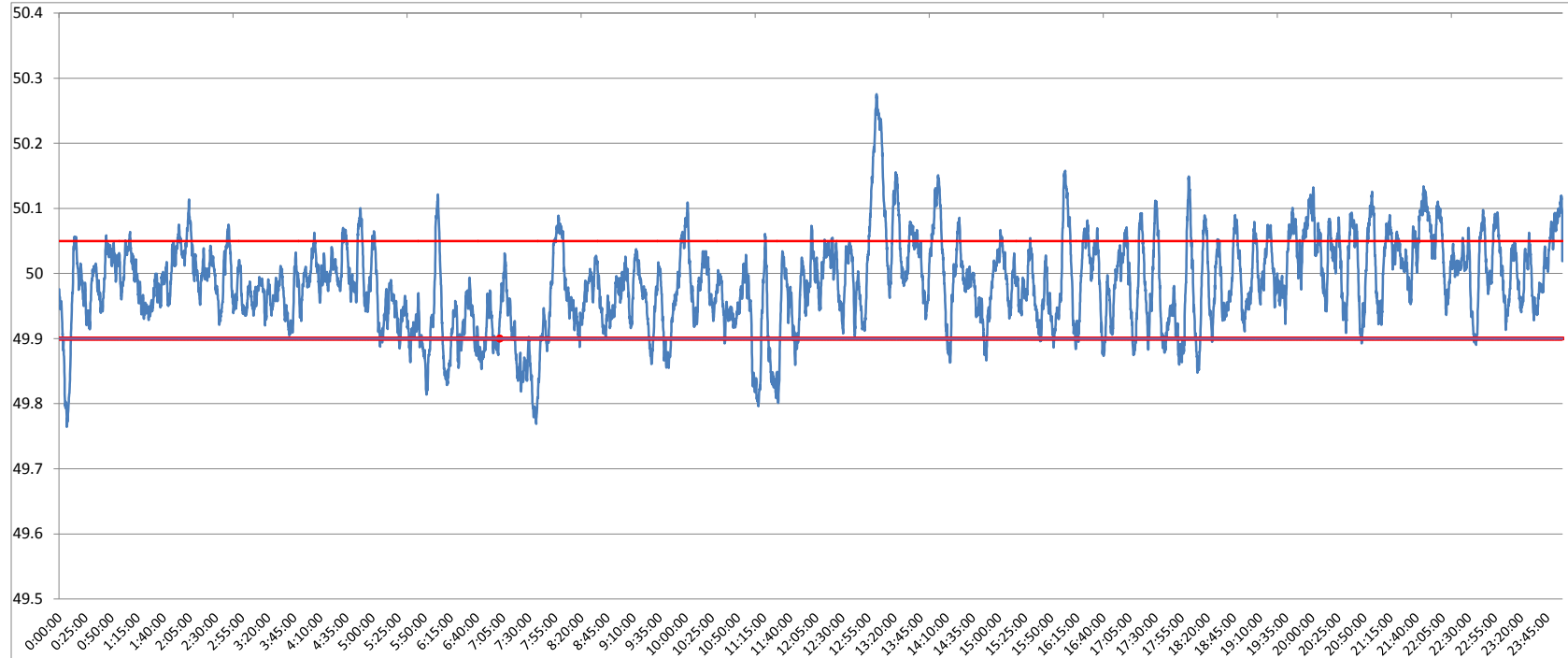


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

13-Nov-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	0.00	10.10	41.81	0.54	9.56	49.72	36.79	2.91	73.94	99.53	33.84	12.63	40.15	24.35	15.96	0.47

Average Frequency	49.98	Frequency Variation Index :	0.048	Standard Deviation :	0.068
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Instantaneous Frequency		
Max	50.28	13:02:50
Min	49.76	0:07:20

15 minute average Frequency		
Max	50.161	13:15:00
Min	49.847	7:45:00

No. of excursion above 50.03 Hz	131
No. of excursion below 49.97 Hz	137
No. of excursion above 50.00 Hz	136
No. of excursion below 50.00 Hz	136

Average time freq remains below 49.97 per excursion	0:04:24	Average time frequency remains above 50.03 per excursion	0:02:41
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