

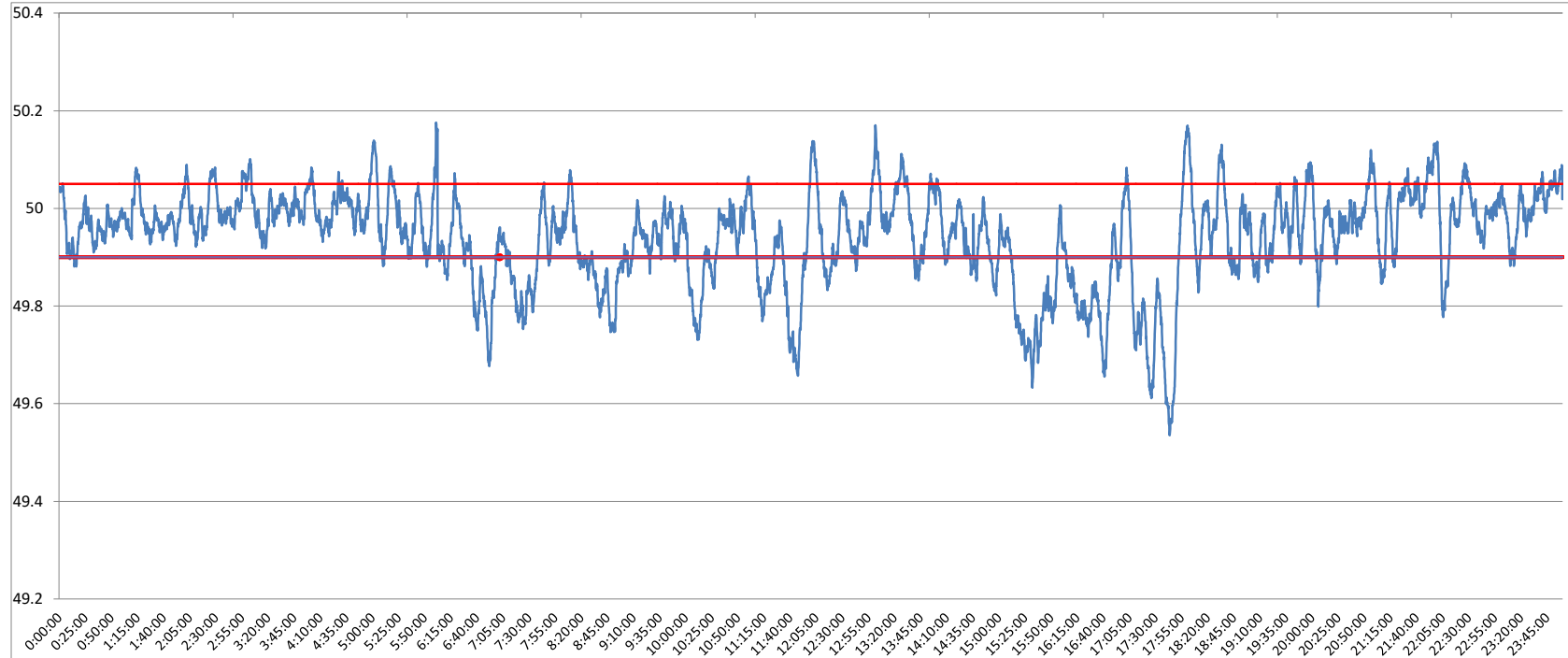


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

30-Nov-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	2.23	28.16	56.71	7.87	18.06	44.97	24.90	1.98	62.27	97.77	27.64	7.62	26.85	15.65	9.57	0.00

Average Frequency	49.94	Frequency Variation Index :	0.131	Standard Deviation :	0.098
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Instantaneous Frequency	
Max	50.18 6:01:00
Min	49.54 17:43:40

15 minute average Frequency		
Max	50.073	22:00:00
Min	49.702	17:45:00

No. of excursion above 50.03 Hz	75
No. of excursion below 49.97 Hz	156
No. of excursion above 50.00 Hz	111
No. of excursion below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:05:14	Average time frequency remains above 50.03 per excursion	0:03:00
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