

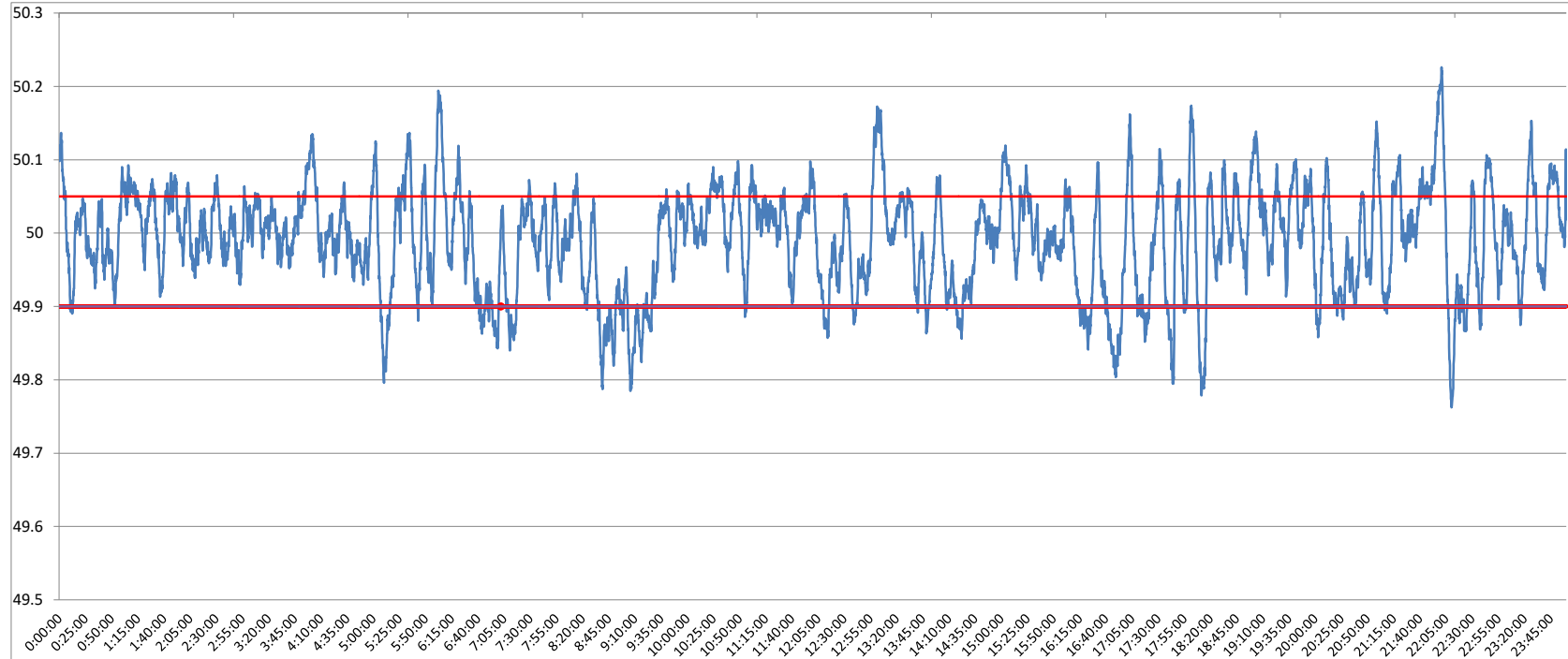


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

05-Jan-17



<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	11.83	36.01	0.57	11.26	40.41	43.43	4.20	67.73	99.86	32.38	16.15	47.70	31.61	20.44	0.14

Average Frequency	49.99	Frequency Variation Index :	0.052	Standard Deviation :	0.071
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Instantaneous Frequency		
Max	50.23	22:00:40
Min	49.76	22:10:20

15 minute average Frequency		
Max	50.102	22:00:00
Min	49.866	9:15:00

No. of excursion above 50.03 Hz	143
No. of excursion below 49.97 Hz	120
No. of excursion above 50.00 Hz	134
No. of excursion below 50.00 Hz	132

Average time freq remains below 49.97 per excursion	0:04:19	Average time frequency remains above 50.03 per excursion	0:03:11
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