

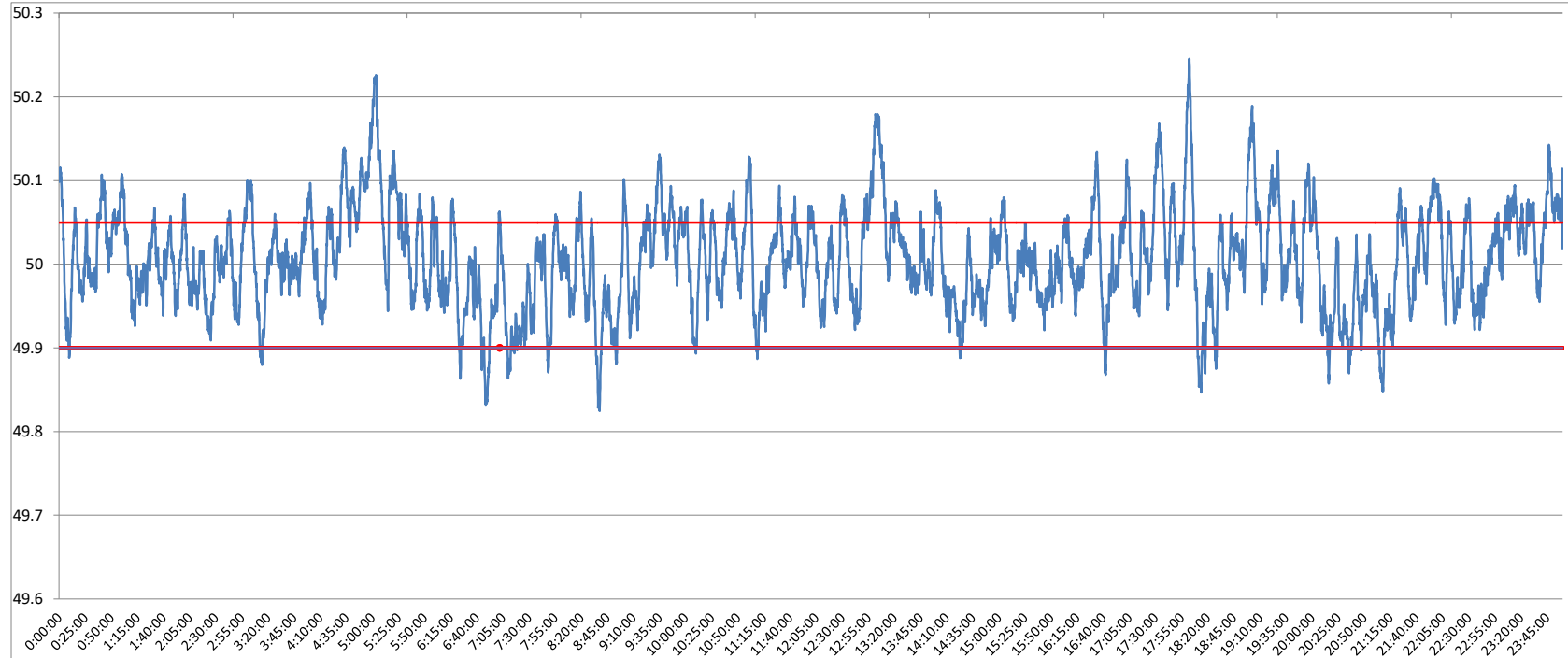


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

31-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	3.45	29.10	0.00	3.45	43.96	47.01	5.24	72.84	99.66	36.46	18.21	52.53	34.44	23.72	0.34

Average Frequency	50.01	Frequency Variation Index :	0.037	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.25	18:02:10
Min	49.82	8:37:30

15 minute average Frequency		
Max	50.107	13:15:00
Min	49.909	7:00:00

No. of excursion above 50.03 Hz	147
No. of excursion below 49.97 Hz	160
No. of excursion above 50.00 Hz	158
No. of excursion below 50.00 Hz	156

Average time freq remains below 49.97 per excursion	0:02:37	Average time frequency remains above 50.03 per excursion	0:03:22
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