

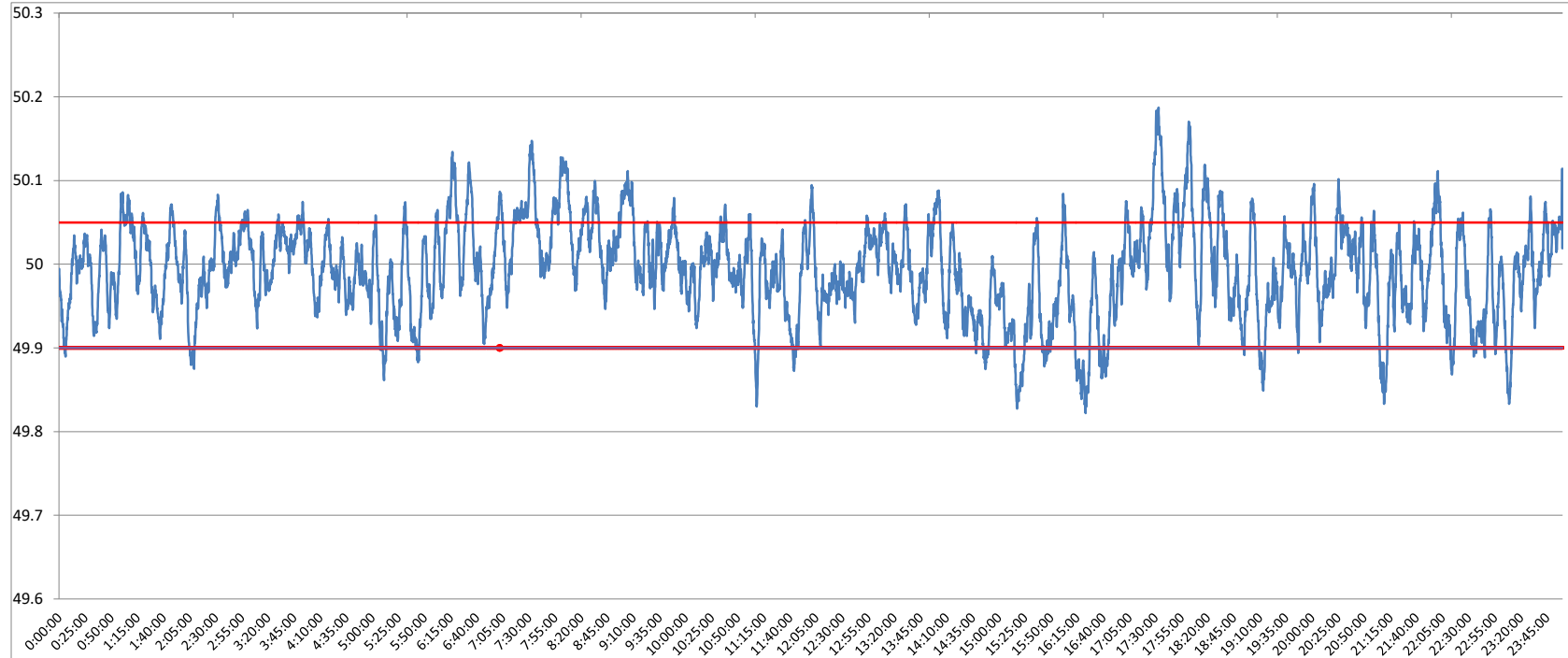


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Apr-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	6.02	32.26	0.00	6.02	47.36	44.19	2.43	78.55	100.00	41.16	13.13	46.54	26.59	15.43	0.00

Average Frequency	49.99	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency	
Max	50.19 17:32:50
Min	49.82 16:23:00

15 minute average Frequency		
Max	50.083	17:45:00
Min	49.878	16:30:00

No. of excursion above 50.03 Hz	133
No. of excursion below 49.97 Hz	142
No. of excursion above 50.00 Hz	172
No. of excursion below 50.00 Hz	174

Average time freq remains below 49.97 per excursion	0:03:16	Average time frequency remains above 50.03 per excursion	0:02:53
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