

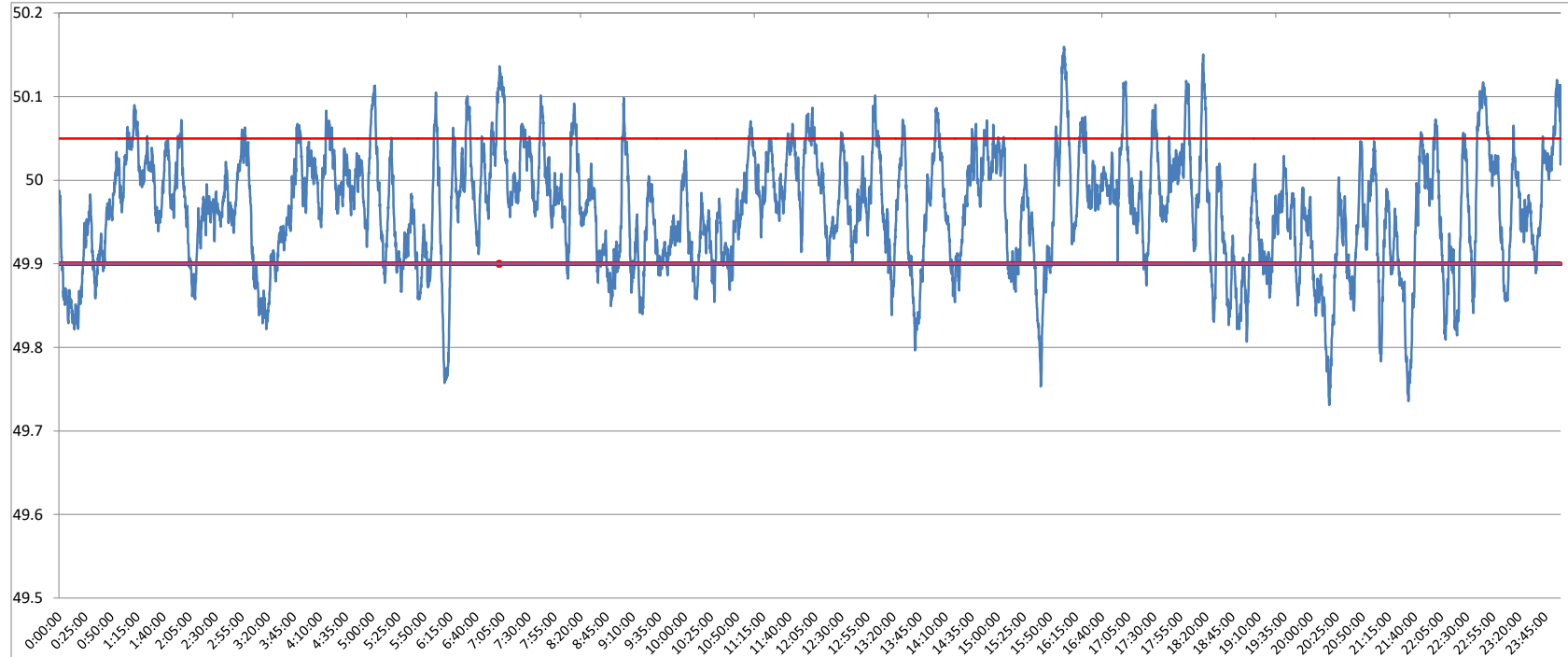


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

28-Mar-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	18.24	50.23	1.47	16.77	49.43	30.44	1.89	71.69	100.00	32.08	8.21	32.31	17.69	10.07	0.00

Average Frequency	49.96	Frequency Variation Index :	0.060	Standard Deviation :	0.069
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Instantaneous Frequency		
Max	50.16	16:03:30
Min	49.73	20:17:50

15 minute average Frequency			
Max	50.053	0:00:00	
Min	49.860	21:45:00	

No. of excursion above 50.03 Hz	107
No. of excursion below 49.97 Hz	138
No. of excursion above 50.00 Hz	121
No. of excursion below 50.00 Hz	122

Average time freq remains below 49.97 per excursion	0:05:14	Average time frequency remains above 50.03 per excursion	0:02:23
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