

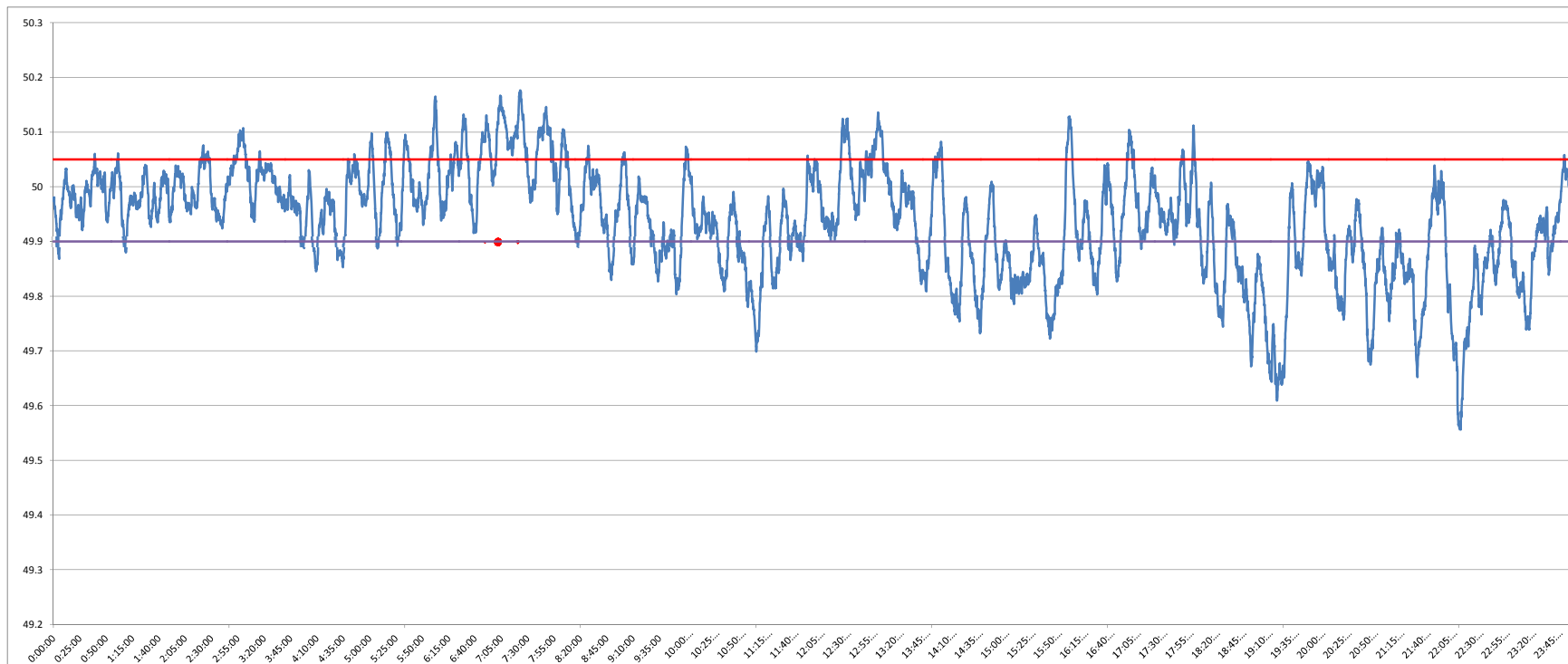


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

20-Apr-15



<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	2.03	32.47	59.51	7.05	23.39	39.28	25.00	3.25	56.44	97.97	23.44	7.89	28.21	17.05	11.10	0.00

Average Frequency	49.94	Frequency Variation Index :	0.141	Standard Deviation :	0.100
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Instantaneous Frequency	
MAX	50.18 7:22:50
Min	49.56 22:15:10

15 minute average Frequency	
Max	50.112 7:15:00
Min	49.672 19:30:00

No. of excursion above 50.03 Hz	89
No. of excursion below 49.97 Hz	113
No. of excursion above 50.00 Hz	86
No. of excursion below 50.00 Hz	88

Average time freq remains below 49.97 per excursion	0:07:35	Average time frequency remains above 50.03 per excursion	0:02:46
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