

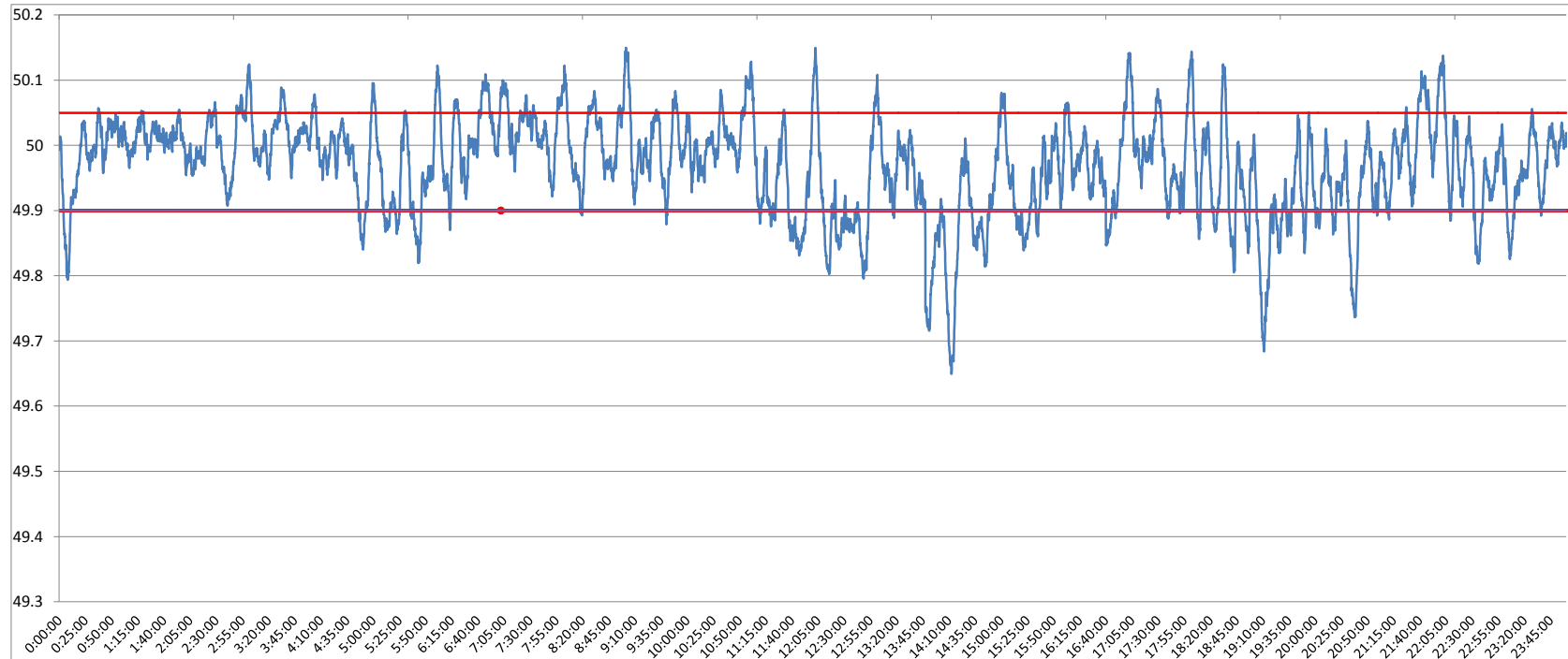


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Apr-16



<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	0.41	18.01	45.68	1.76	15.84	45.25	34.26	2.48	70.38	99.59	34.78	9.24	36.69	19.54	11.61	0.00

Average Frequency	49.97	Frequency Variation Index :	0.066	Standard Deviation :	0.075
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Instantaneous Frequency		
Max	50.15	12:02:30
Min	49.65	14:12:30

15 minute average Frequency		
Max	50.048	7:15:00
Min	49.786	14:15:00

No. of excursion above 50.03 Hz	92
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	140
No. of excursion below 50.00 Hz	141

Average time freq remains below 49.97 per excursion	0:05:46	Average time frequency remains above 50.03 per excursion	0:03:03
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