

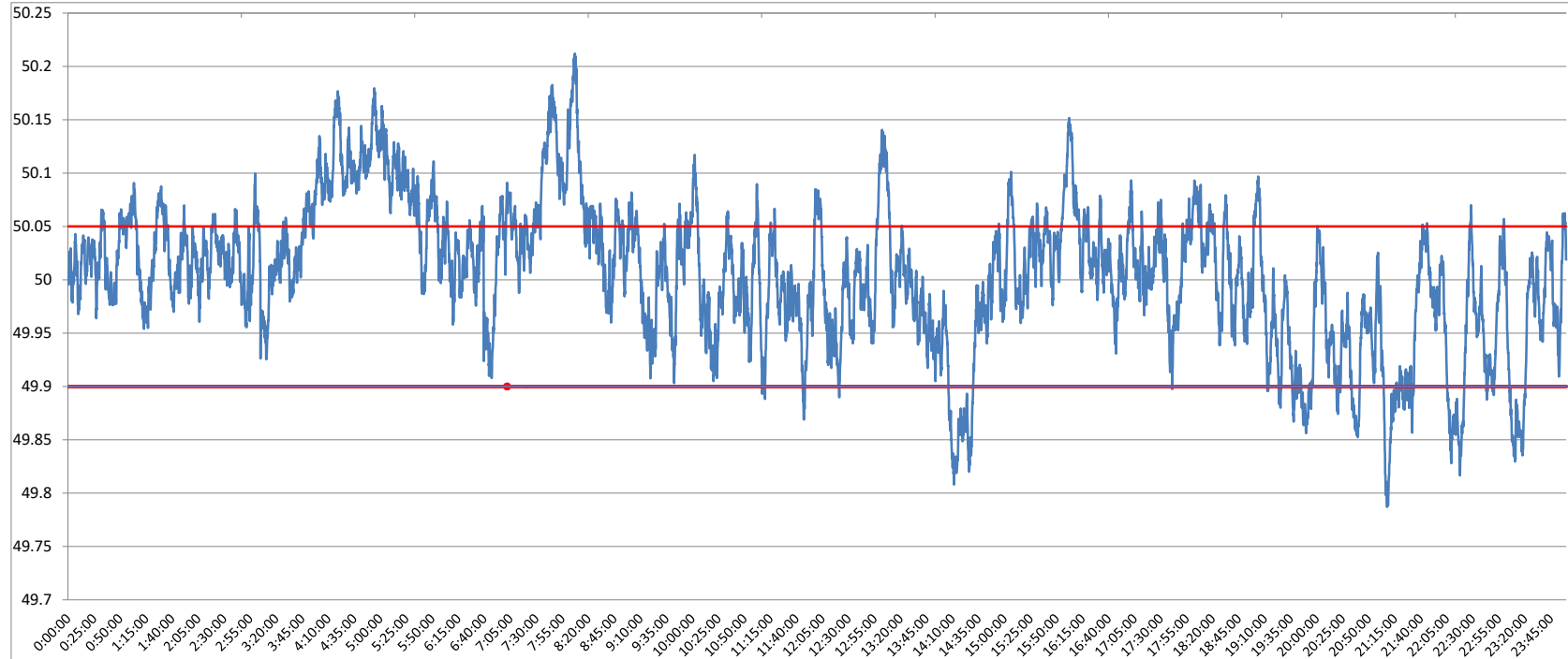


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-May-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	7.59	27.00	0.08	7.51	36.75	48.36	7.16	68.43	99.86	36.86	16.72	55.61	36.13	23.98	0.14

Average Frequency	50.01	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.21 8:07:10
Min	49.79 21:07:40

15 minute average Frequency		
Max	50.147	8:15:00
Min	49.859	14:30:00

No. of excursion above 50.03 Hz	166
No. of excursion below 49.97 Hz	123
No. of excursion above 50.00 Hz	162
No. of excursion below 50.00 Hz	159

Average time freq remains below 49.97 per excursion	0:03:10	Average time frequency remains above 50.03 per excursion	0:03:08
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