

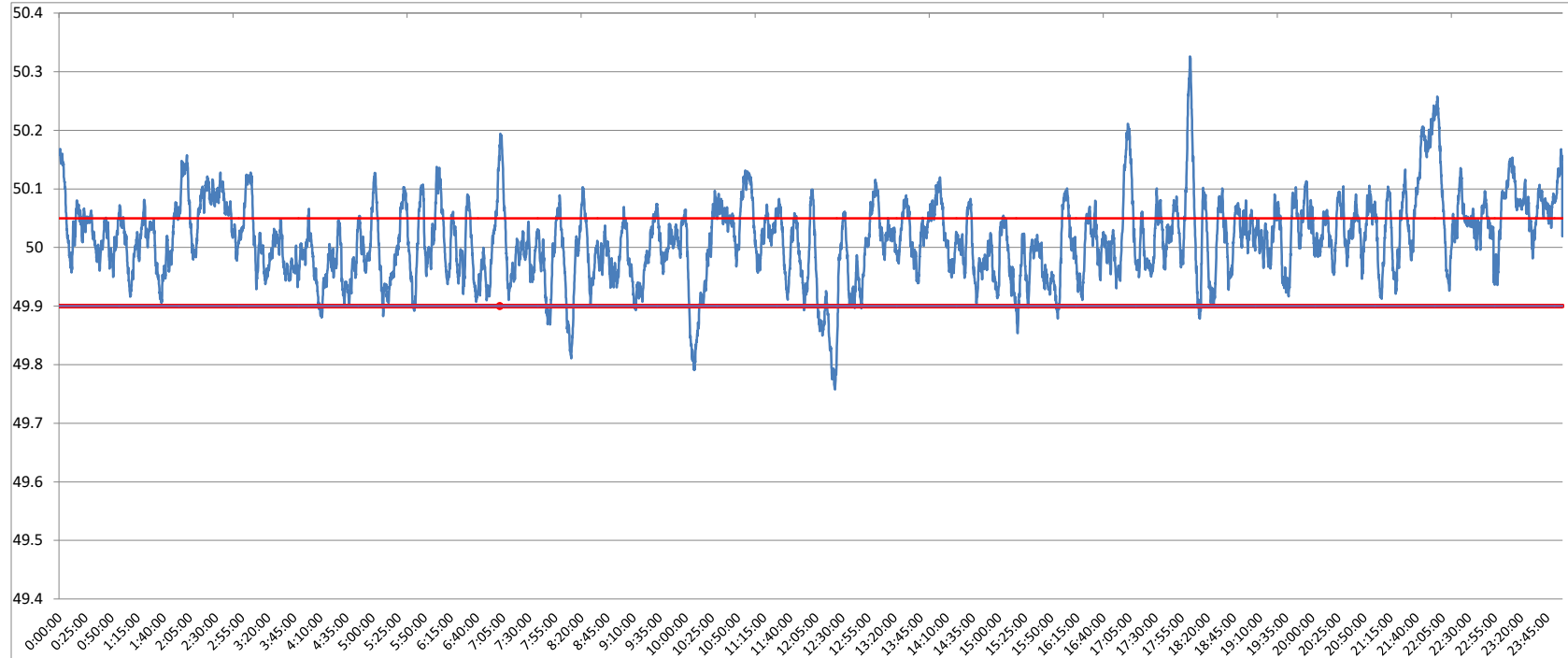


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

14-Jan-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	3.76	25.88	0.43	3.33	38.11	49.98	7.12	67.62	98.97	34.62	20.53	58.09	39.50	28.62	1.03

Average Frequency	50.01	Frequency Variation Index :	0.048	Standard Deviation :	0.068
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Instantaneous Frequency		
Max	50.33	18:03:10
Min	49.76	12:23:10

15 minute average Frequency		
Max	50.200	22:00:00
Min	49.867	12:30:00

No. of excursion above 50.03 Hz	142
No. of excursion below 49.97 Hz	121
No. of excursion above 50.00 Hz	156
No. of excursion below 50.00 Hz	156

Average time freq remains below 49.97 per excursion	0:03:05	Average time frequency remains above 50.03 per excursion	0:04:00
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