

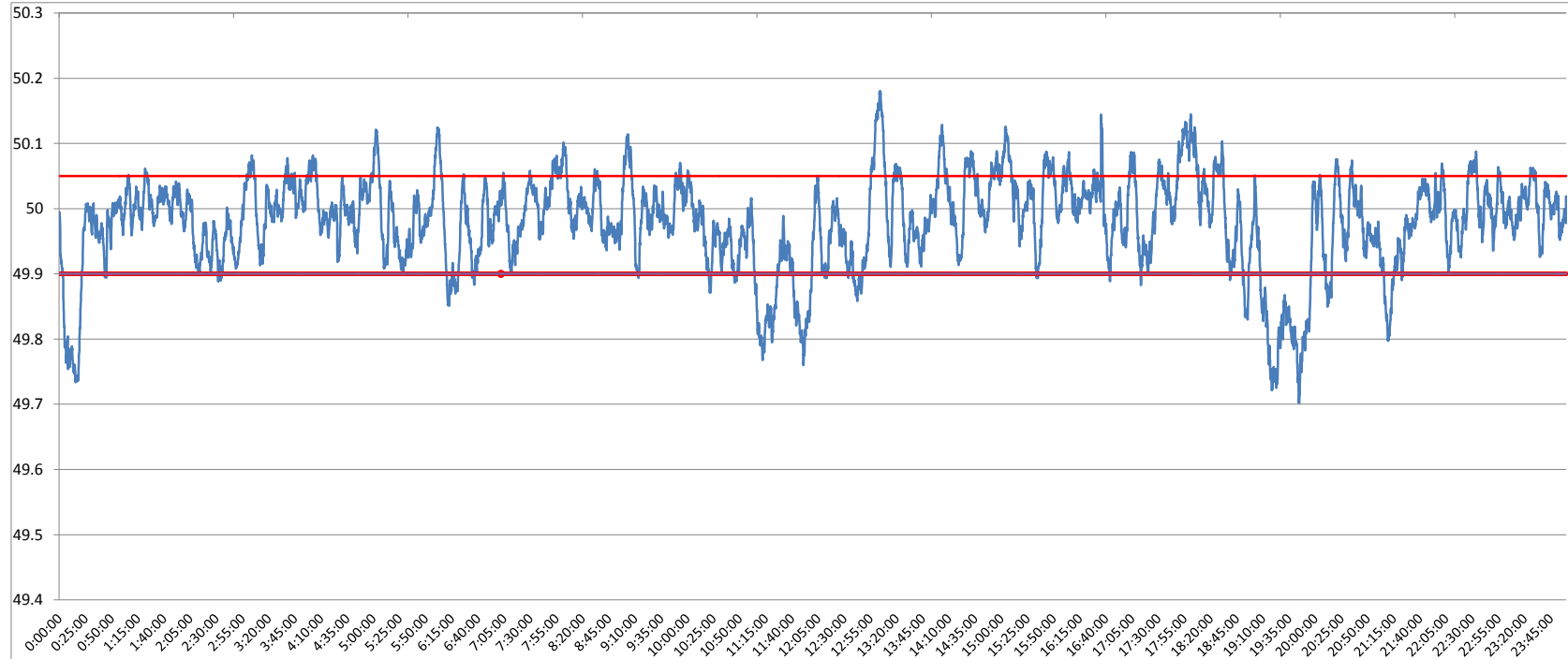


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

17-Jun-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	0.00	11.37	38.10	2.97	8.39	47.40	38.88	2.36	75.23	100.00	39.06	11.09	41.23	22.84	13.40	0.00

Average Frequency	49.98	Frequency Variation Index :	0.057	Standard Deviation :	0.072
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Instantaneous Frequency	
Max	50.18 13:04:10
Min	49.70 19:44:40

15 minute average Frequency		
Max	50.079	18:00:00
Min	49.772	19:30:00

No. of excursion above 50.03 Hz	125
No. of excursion below 49.97 Hz	140
No. of excursion above 50.00 Hz	155
No. of excursion below 50.00 Hz	156

Average time freq remains below 49.97 per excursion	0:03:55	Average time frequency remains above 50.03 per excursion	0:02:38
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