

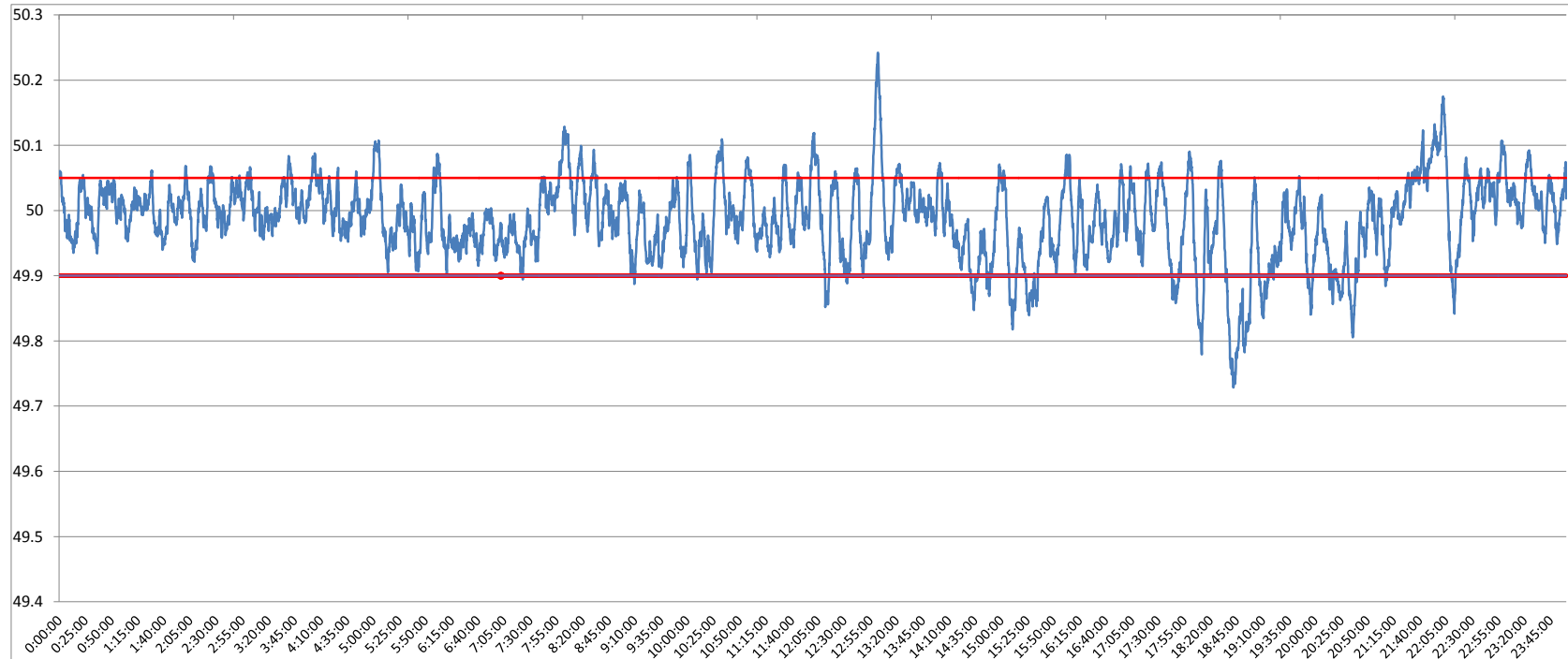


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

20-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	7.62	36.75	0.78	6.84	49.44	41.00	1.78	79.71	99.84	40.35	10.79	42.85	22.91	12.67	0.16

Average Frequency	49.99	Frequency Variation Index :	0.039	Standard Deviation :	0.061
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Instantaneous Frequency		
Max	50.24	13:02:10
Min	49.73	18:42:00

15 minute average Frequency		
Max	50.087	22:00:00
Min	49.835	19:00:00

No. of excursion above 50.03 Hz	127
No. of excursion below 49.97 Hz	145
No. of excursion above 50.00 Hz	158
No. of excursion below 50.00 Hz	158

Average time freq remains below 49.97 per excursion	0:03:39	Average time frequency remains above 50.03 per excursion	0:02:36
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