

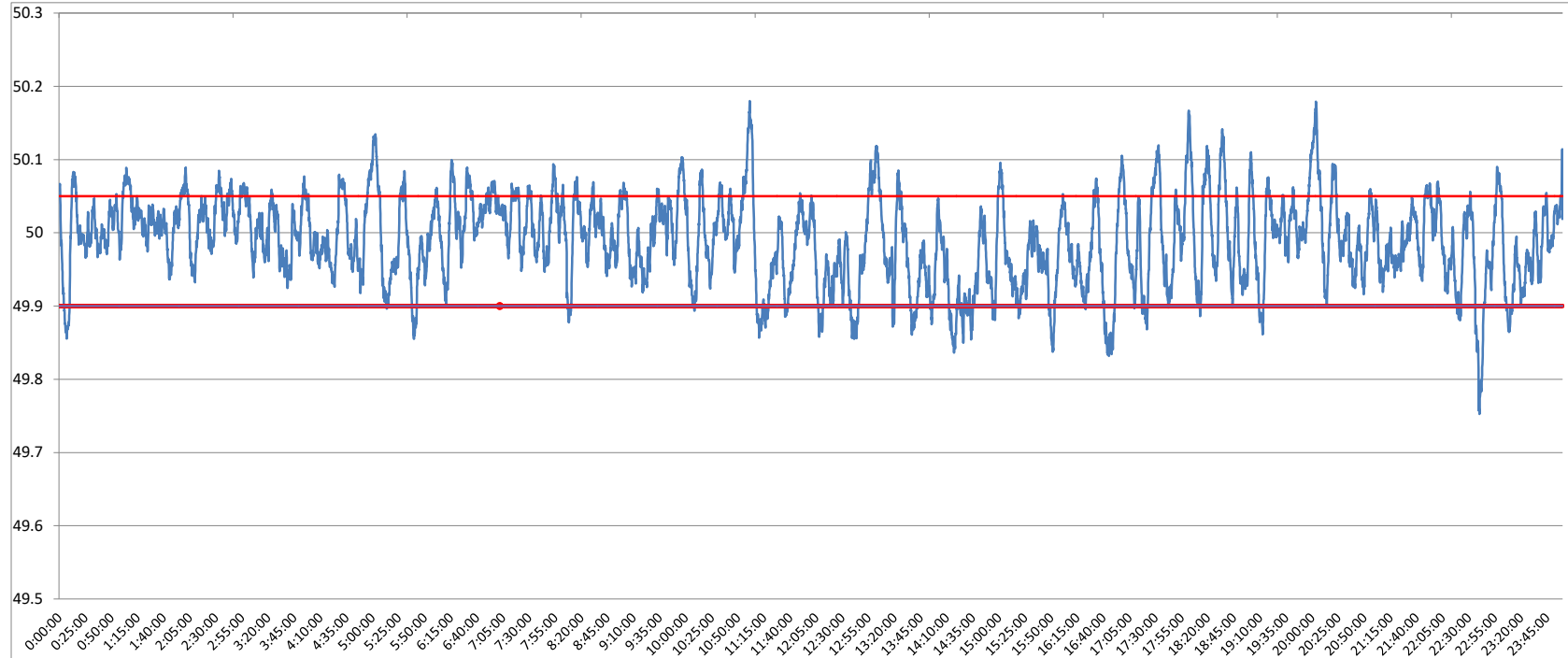


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

03-Apr-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	8.02	36.91	0.23	7.79	46.81	42.87	2.30	76.27	100.00	36.98	13.46	45.09	26.11	15.71	0.00

Average Frequency	49.99	Frequency Variation Index :	0.037	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.18	11:01:20
Min	49.75	22:40:20

15 minute average Frequency		
Max	50.050	1:15:00
Min	49.886	14:30:00

No. of excursion above 50.03 Hz	140
No. of excursion below 49.97 Hz	139
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	0:03:49	Average time frequency remains above 50.03 per excursion	0:02:41
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