

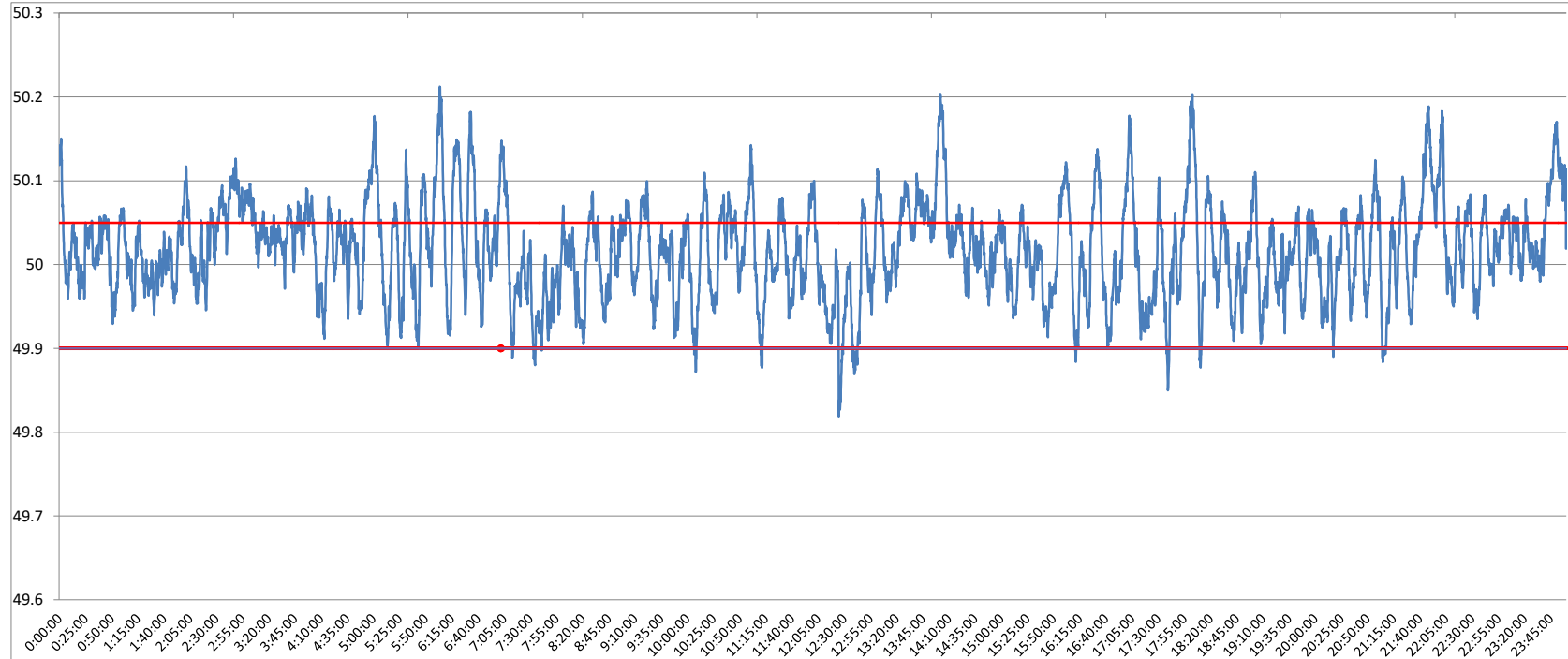


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

05-Feb-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	1.56	21.40	0.00	1.56	36.90	53.91	7.57	70.46	99.94	36.74	20.37	61.49	41.86	27.97	0.06

Average Frequency	50.02	Frequency Variation Index :	0.037	Standard Deviation :	0.058
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Instantaneous Frequency		
Max	50.21	6:03:40
Min	49.82	12:24:50

15 minute average Frequency		
Max	50.118	0:00:00
Min	49.923	12:30:00

No. of excursion above 50.03 Hz	178
No. of excursion below 49.97 Hz	130
No. of excursion above 50.00 Hz	167
No. of excursion below 50.00 Hz	166

Average time freq remains below 49.97 per excursion	0:02:22	Average time frequency remains above 50.03 per excursion	0:03:23
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