

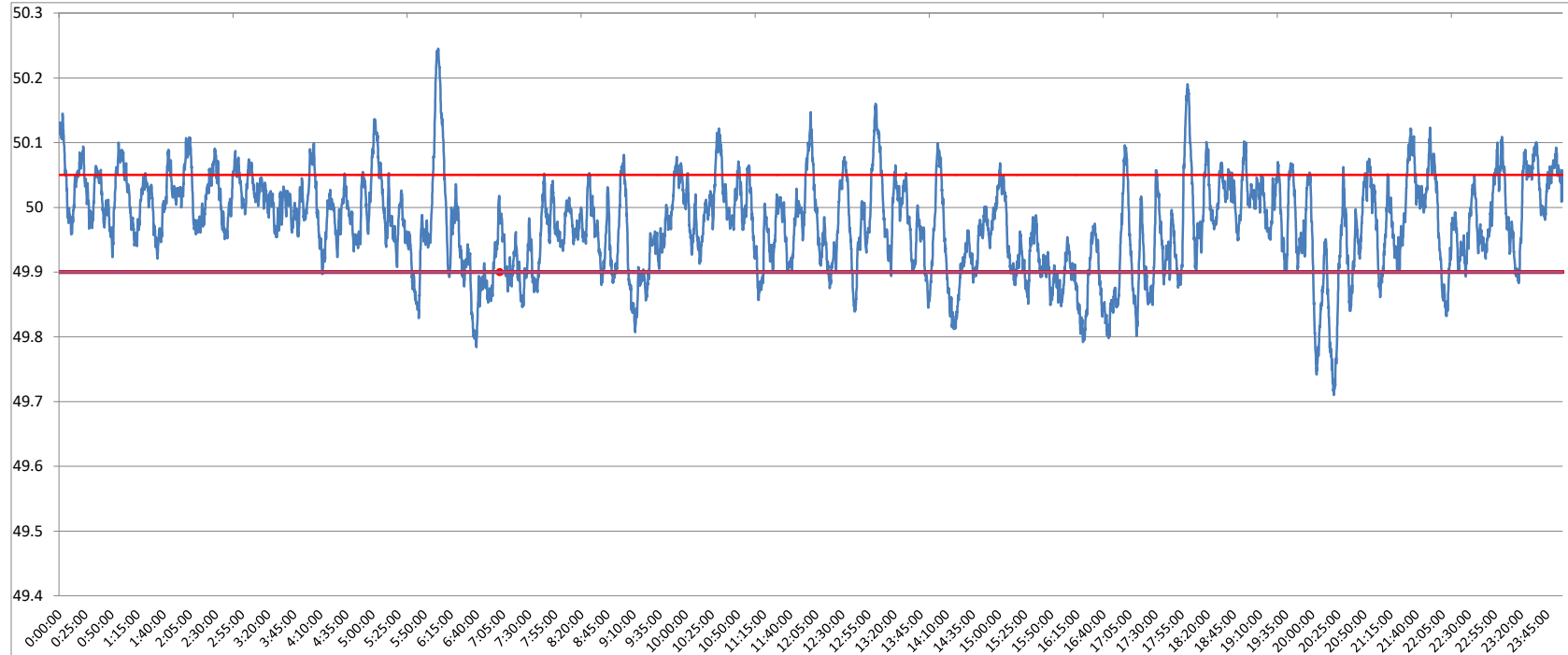


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VINDHYACHAL:Frequency

National Grid Frequency Profile for

07-Dec-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	15.57	46.27	0.95	14.62	46.23	35.41	2.51	70.01	99.71	30.97	12.11	36.94	22.75	14.42	0.29

Average Frequency	49.97	Frequency Variation Index :	0.059	Standard Deviation :	0.072
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Instantaneous Frequency		
Max	50.25	6:03:00
Min	49.71	20:20:50

15 minute average Frequency		
Max	50.087	6:15:00
Min	49.836	20:30:00

No. of excursion above 50.03 Hz	95
No. of excursion below 49.97 Hz	110
No. of excursion above 50.00 Hz	82
No. of excursion below 50.00 Hz	80

Average time freq remains below 49.97 per excursion	0:06:03	Average time frequency remains above 50.03 per excursion	0:03:27
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