

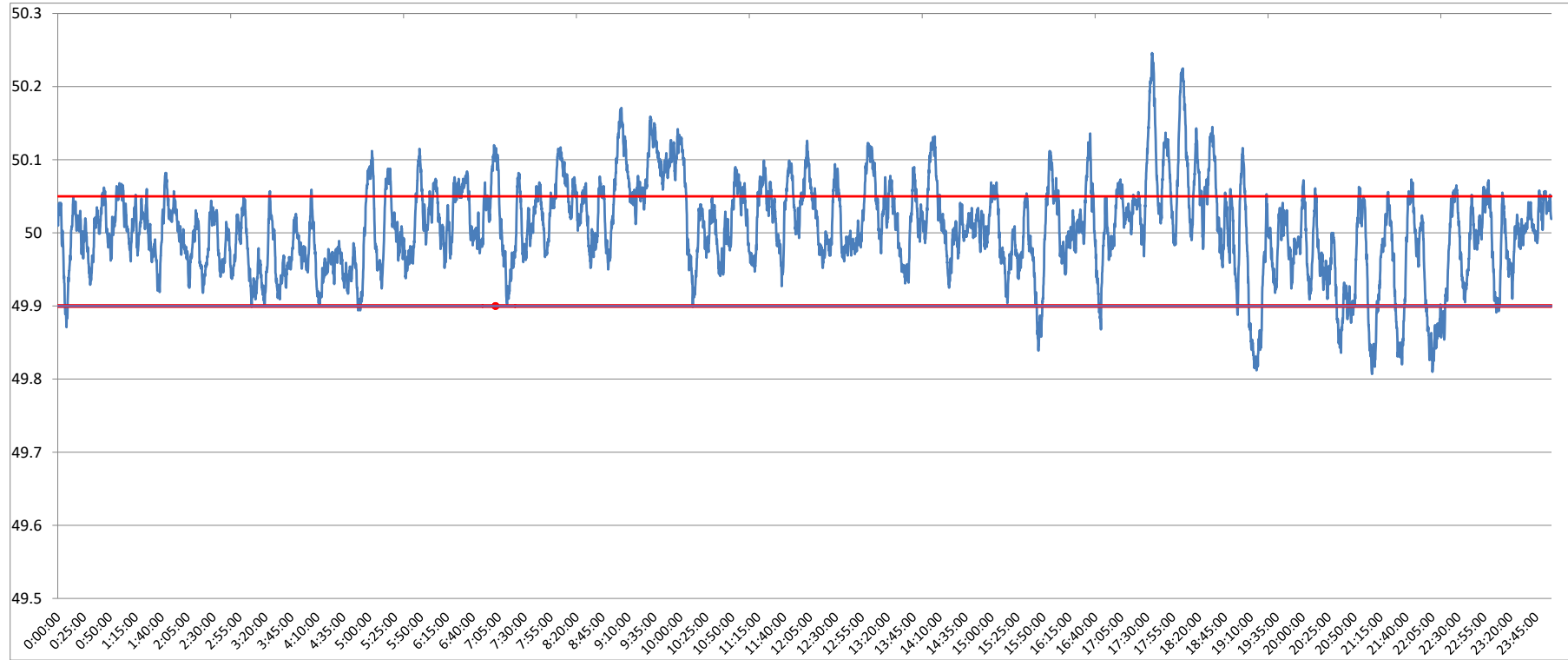


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for

09-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	5.06	25.68	0.00	5.06	40.14	48.37	5.95	72.63	99.51	40.20	16.64	53.55	34.12	22.31	0.49

Average Frequency	50.01	Frequency Variation Index :	0.040	Standard Deviation :	0.063
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Instantaneous Frequency	
Max	50.25 17:34:50
Min	49.81 21:06:50

15 minute average Frequency	
Max	50.126 17:45:00
Min	49.858 22:15:00

No. of excursion above 50.03 Hz	130
No. of excursion below 49.97 Hz	117
No. of excursion above 50.00 Hz	115
No. of excursion below 50.00 Hz	108

Average time freq remains below 49.97 per excursion	0:03:10	Average time frequency remains above 50.03 per excursion	0:03:47
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