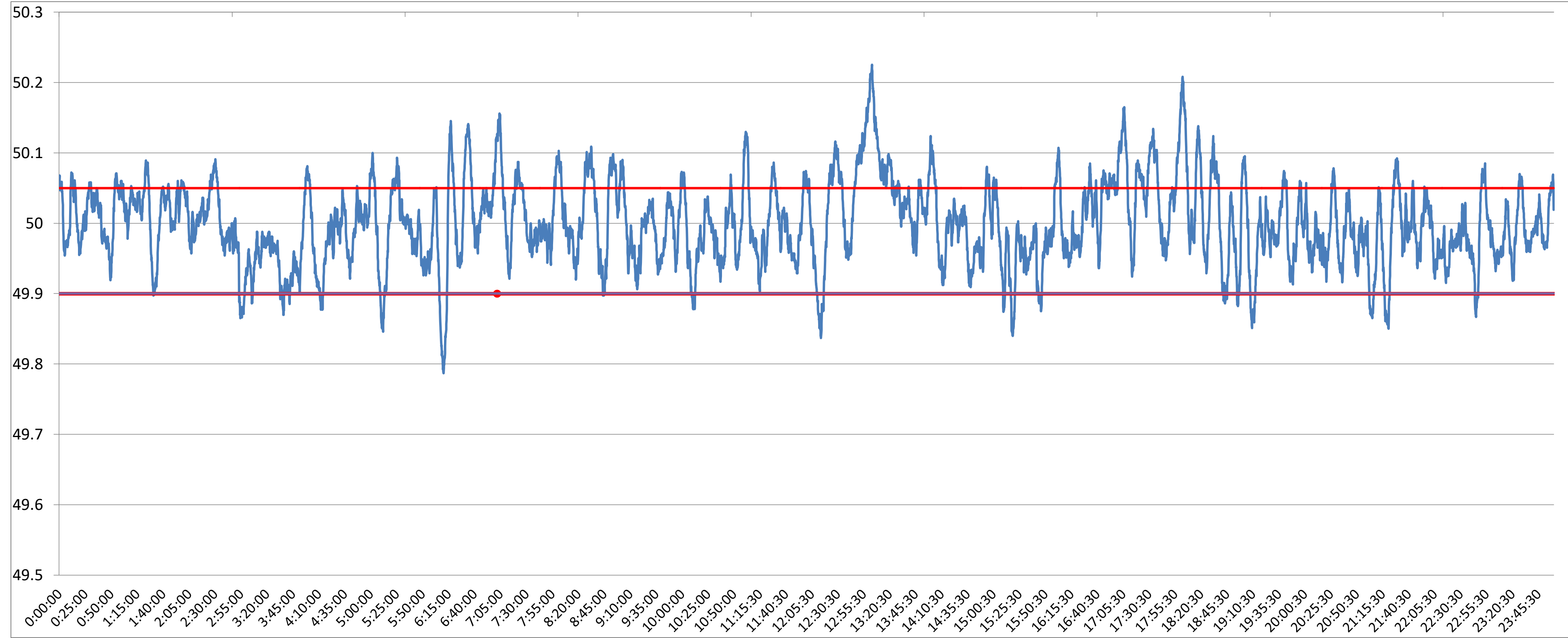




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VIJAYAWADA:Frequency

National Grid Frequency Profile for 05-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	4.49	31.30	0.08	4.41	48.08	42.84	4.38	75.74	99.78	39.56	15.79	46.28	29.14	19.77	0.22

Average Frequency	50.00	Frequency Variation Index :	0.035	Standard Deviation :	0.059
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		101	
Max	50.23	13:03:30	Max	50.133	13:15:00	No. of excursion below 49.97 Hz	154
Min	49.79	6:10:20	Min	49.913	3:45:00	No. of excursion above 50.00 Hz	109
				No. of excursion below 50.00 Hz		111	

Average time freq remains below 49.97 per excursion	0:02:56	Average time frequency remains above 50.03 per excursion	0:04:09
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