

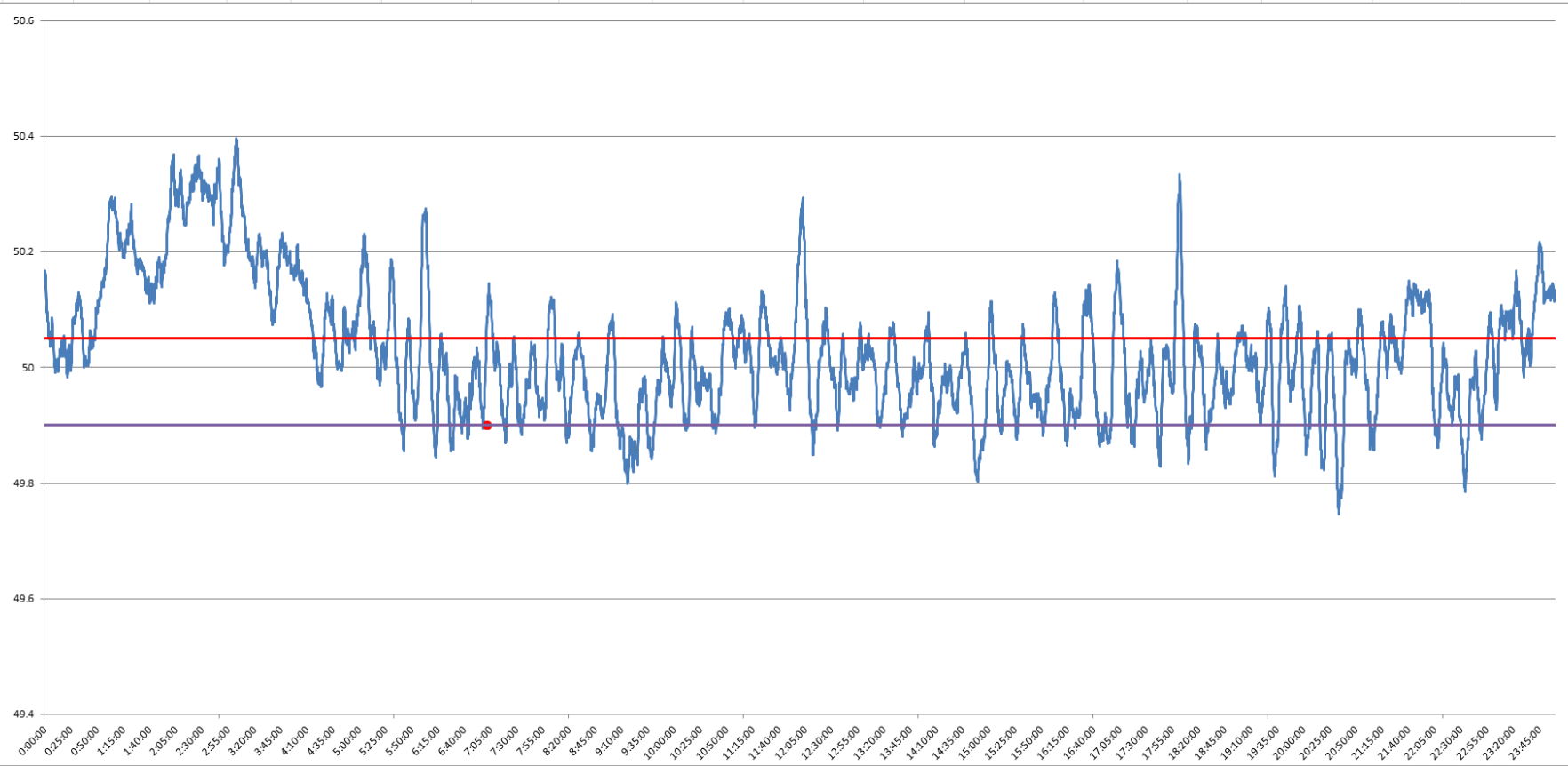


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

22-Jan-15



<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	10.50	32.47	0.39	10.10	33.17	33.22	14.09	53.65	90.97	24.77	13.25	55.34	42.77	35.86	9.03

Average Frequency	50.03	Frequency Variation Index :	0.137	Standard Deviation :	0.113
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
MAX	50.4 3:02:40	Max	50.318 2:30:00	No. of excursion below 49.97 Hz	87
Min	49.75 20:33:50	Min	49.870 15:00:00	No. of excursion above 50.00 Hz	80
				No. of excursion below 50.00 Hz	75
					71

Average time freq remains below 49.97 per excursion	0:05:51	Average time frequency remains above 50.03 per excursion	0:07:05
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