

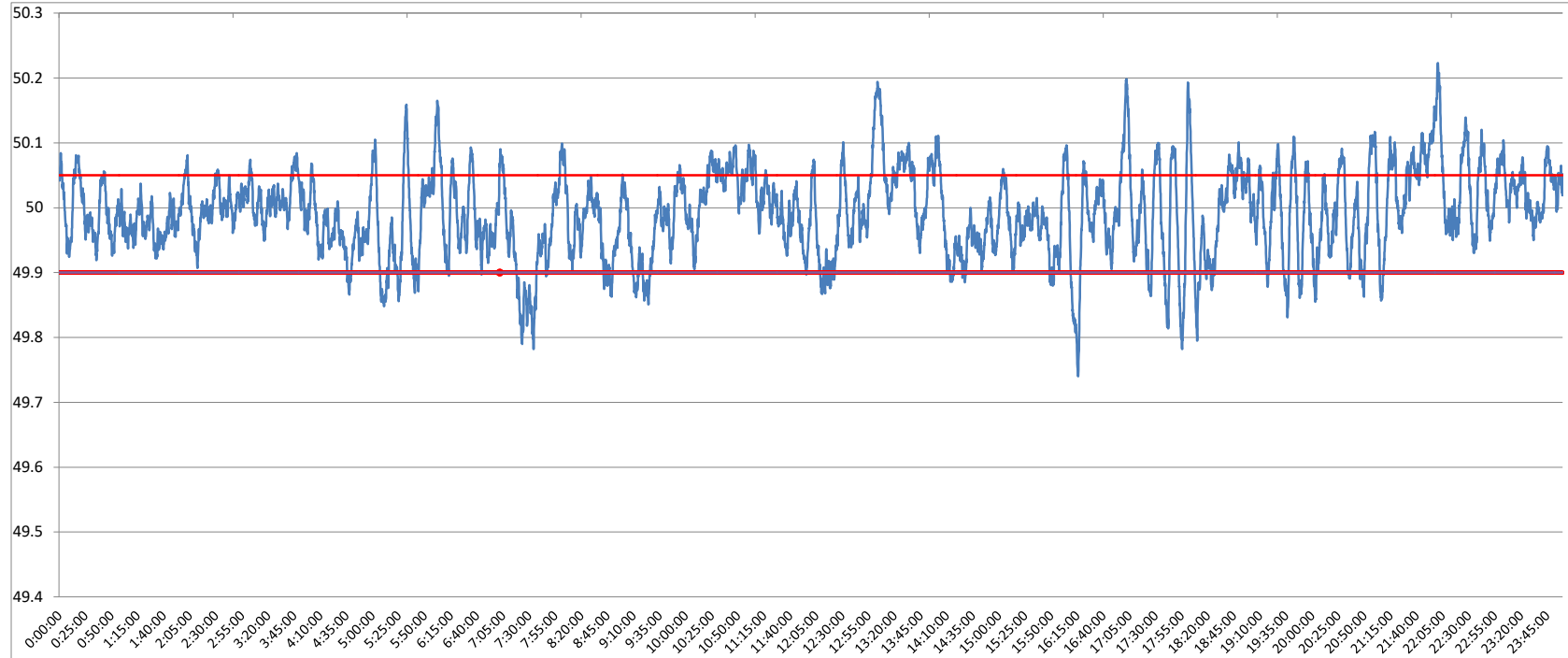


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

11-Jan-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	8.91	35.96	0.37	8.54	46.12	41.47	3.37	71.82	99.87	35.94	16.44	43.73	28.10	19.27	0.13

Average Frequency	49.99	Frequency Variation Index :	0.045	Standard Deviation :	0.066
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Instantaneous Frequency		
Max	50.22	22:00:30
Min	49.74	16:16:00

15 minute average Frequency		
Max	50.111	13:15:00
Min	49.865	7:30:00

No. of excursion above 50.03 Hz	102
No. of excursion below 49.97 Hz	121
No. of excursion above 50.00 Hz	96
No. of excursion below 50.00 Hz	105

Average time freq remains below 49.97 per excursion	0:04:17	Average time frequency remains above 50.03 per excursion	0:03:58
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