

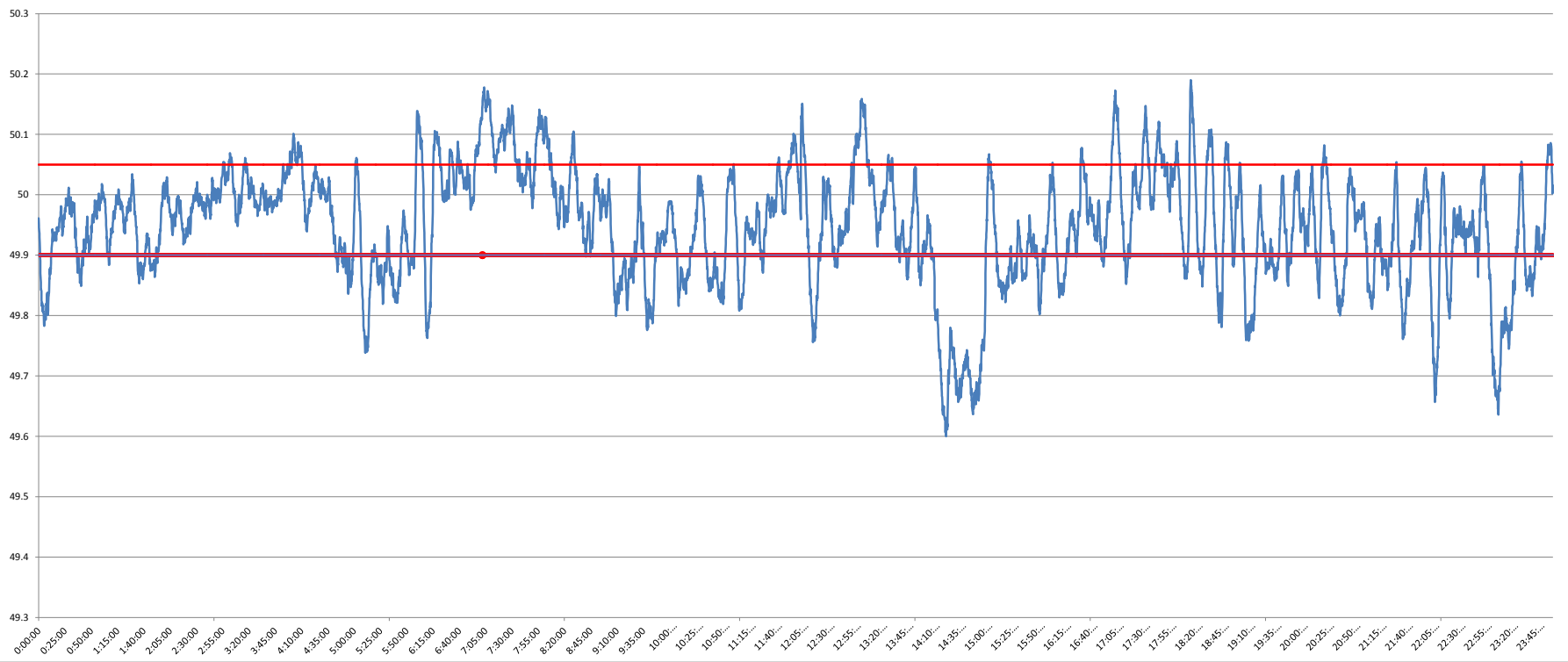


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

09-Apr-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	2.13	28.75	55.84	5.01	21.61	41.44	25.71	4.11	58.70	97.87	25.80	8.76	29.27	18.36	12.55	0.00

Average Frequency	49.95	Frequency Variation Index :	0.122	Standard Deviation :	0.097
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Instantaneous Frequency	
MAX	50.19 18:15:30
Min	49.60 14:22:50

15 minute average Frequency		
Max	50.126	7:15:00
Min	49.694	15:00:00

No. of excursion above 50.03 Hz	71
No. of excursion below 49.97 Hz	98
No. of excursion above 50.00 Hz	77
No. of excursion below 50.00 Hz	74

Average time freq remains below 49.97 per excursion	0:08:12	Average time frequency remains above 50.03 per excursion	0:03:43
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