

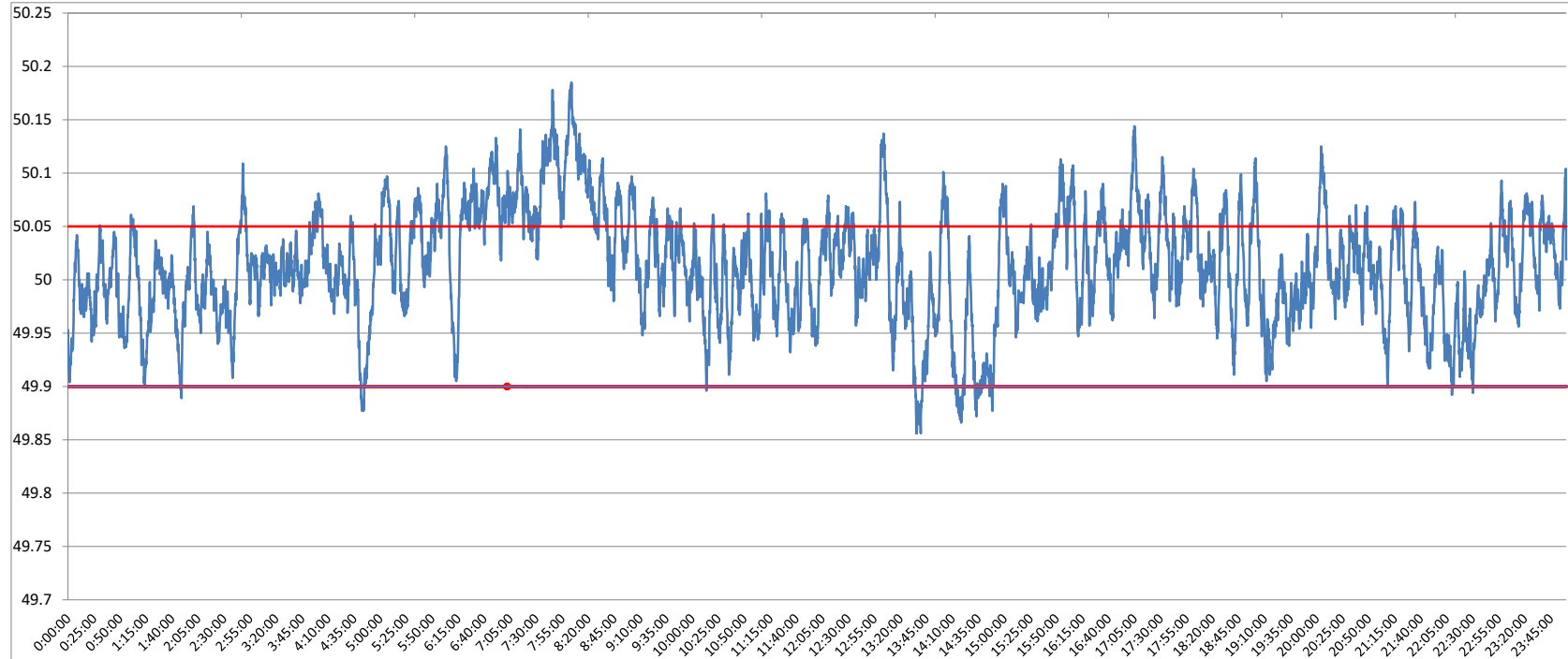


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

31-May-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	1.81	19.49	0.00	1.81	37.63	55.75	4.81	73.82	100.00	43.66	20.37	58.96	36.85	24.38	0.00

Average Frequency	50.01	Frequency Variation Index :	0.029	Standard Deviation :	0.052
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Instantaneous Frequency	
Max	50.19 8:03:50
Min	49.86 13:35:20

15 minute average Frequency		
Max	50.136	8:15:00
Min	49.906	14:45:00

No. of excursion above 50.03 Hz	121
No. of excursion below 49.97 Hz	100
No. of excursion above 50.00 Hz	135
No. of excursion below 50.00 Hz	134

Average time freq remains below 49.97 per excursion	0:02:48	Average time frequency remains above 50.03 per excursion	0:04:23
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