

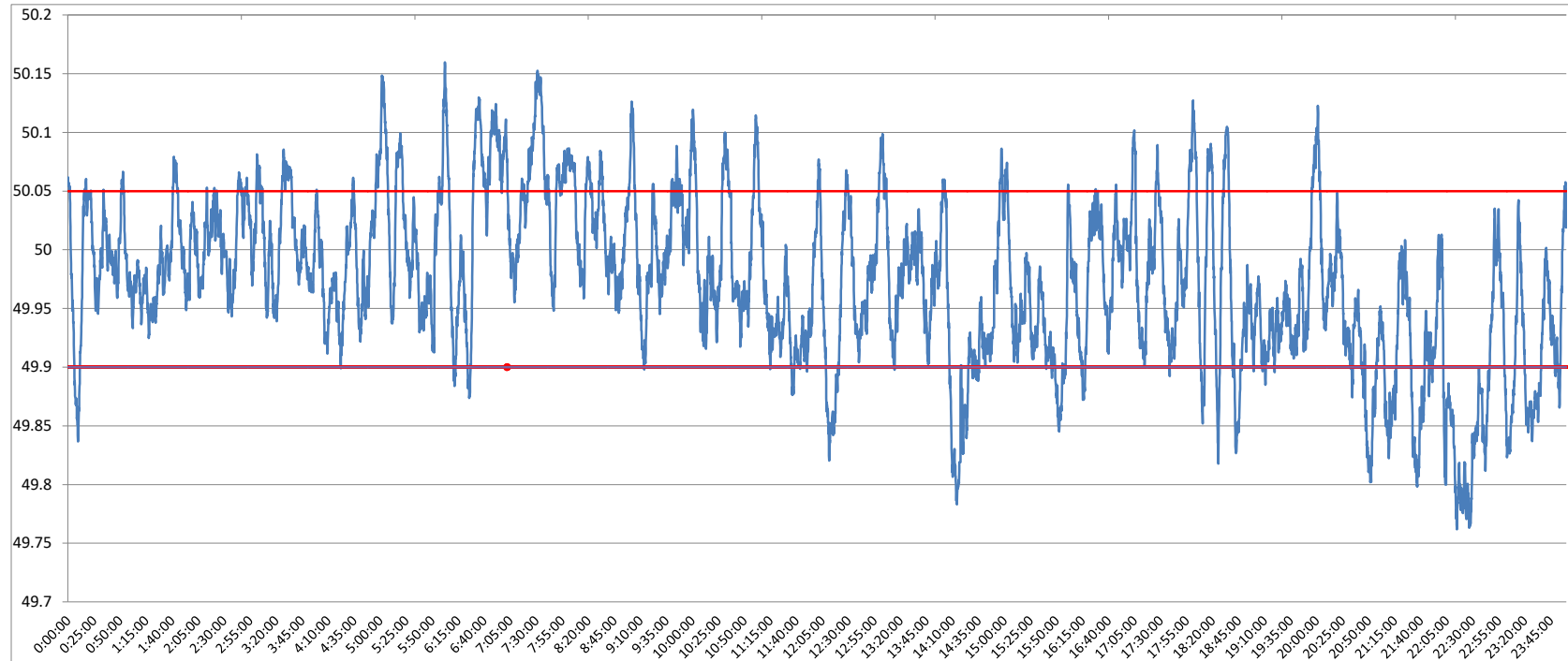


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

12-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	13.43	46.92	1.22	12.21	51.91	31.77	2.89	71.26	100.00	31.10	12.49	34.61	21.98	15.31	0.00

Average Frequency	49.97	Frequency Variation Index :	0.056	Standard Deviation :	0.070
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Instantaneous Frequency		
Max	50.16	6:02:10
Min	49.76	22:14:40

15 minute average Frequency		
Max	50.093	7:00:00
Min	49.790	22:30:00

No. of excursion above 50.03 Hz	87
No. of excursion below 49.97 Hz	144
No. of excursion above 50.00 Hz	119
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:04:42	Average time frequency remains above 50.03 per excursion	0:03:38
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