

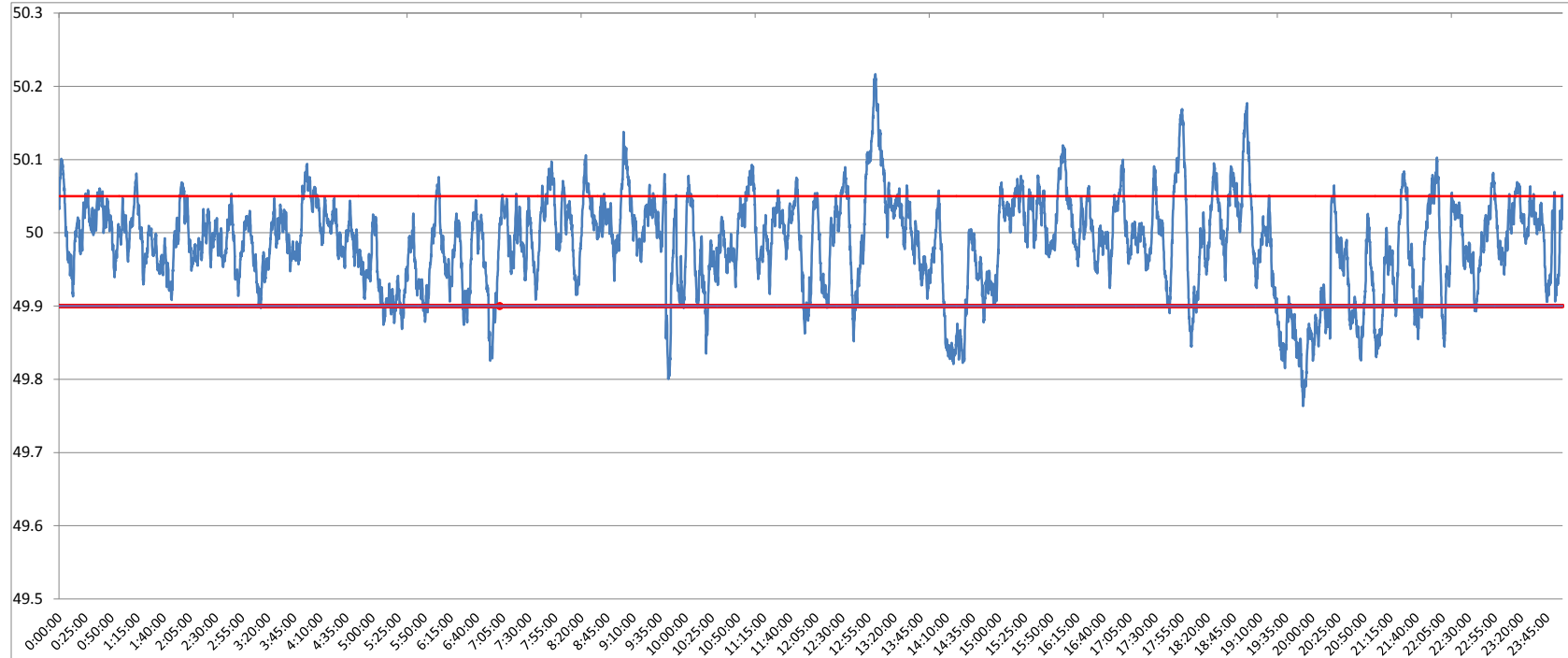


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

05-Jul-16



<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	10.25	35.90	0.25	10.00	45.16	42.45	2.01	76.66	99.88	39.87	11.03	44.53	24.22	13.09	0.12

Average Frequency	49.99	Frequency Variation Index :	0.042	Standard Deviation :	0.063
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Instantaneous Frequency		
Max	50.22	13:01:50
Min	49.76	19:51:10

15 minute average Frequency		
Max	50.110	13:15:00
Min	49.829	20:00:00

No. of excursion above 50.03 Hz	146
No. of excursion below 49.97 Hz	139
No. of excursion above 50.00 Hz	164
No. of excursion below 50.00 Hz	165

Average time freq remains below 49.97 per excursion	0:03:43	Average time frequency remains above 50.03 per excursion	0:02:23
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