

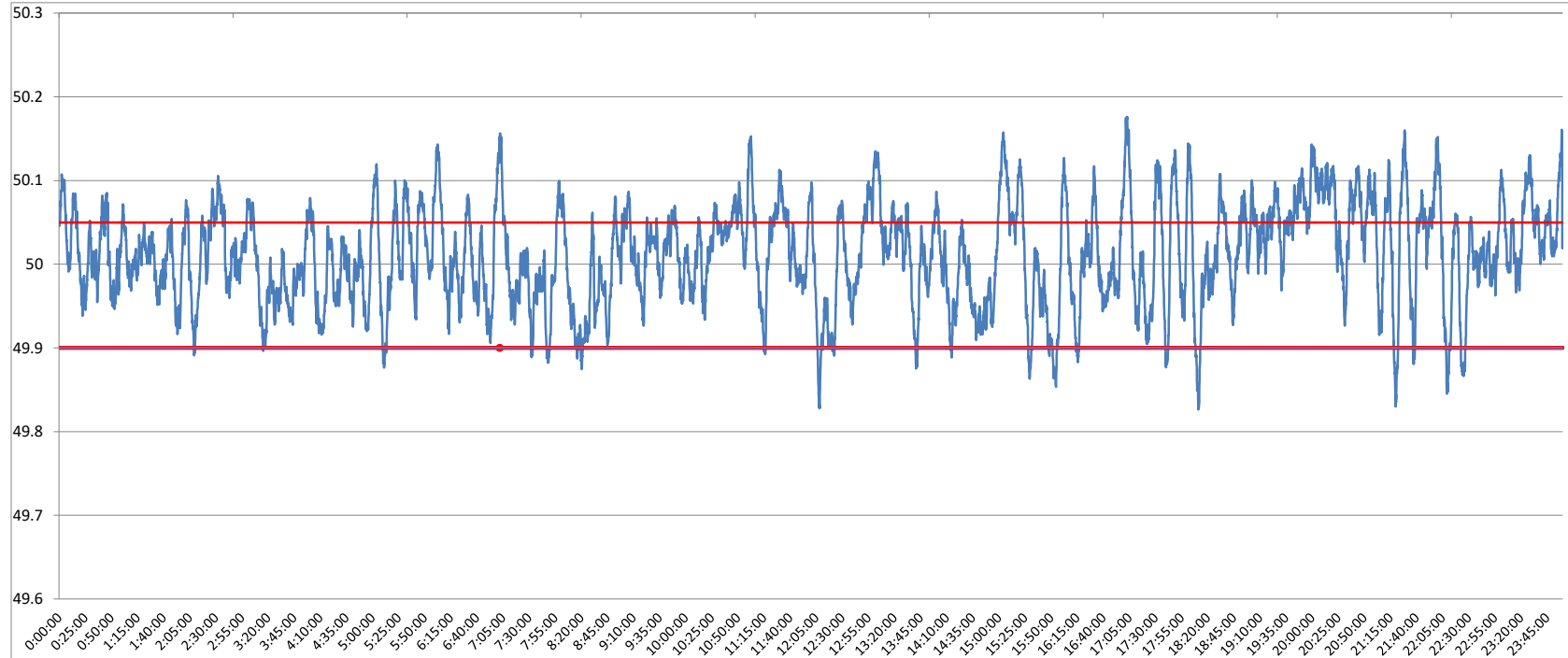


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

21-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	3.69	25.45	0.00	3.69	39.18	50.51	6.62	68.36	100.00	35.47	21.38	56.99	39.07	27.95	0.00

Average Frequency	50.01	Frequency Variation Index :	0.037	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.18	17:03:00
Min	49.83	18:11:00

15 minute average Frequency		
Max	50.102	20:15:00
Min	49.914	16:00:00

No. of excursion above 50.03 Hz	132
No. of excursion below 49.97 Hz	122
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	165

Average time freq remains below 49.97 per excursion	0:03:00	Average time frequency remains above 50.03 per excursion	0:04:16
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