

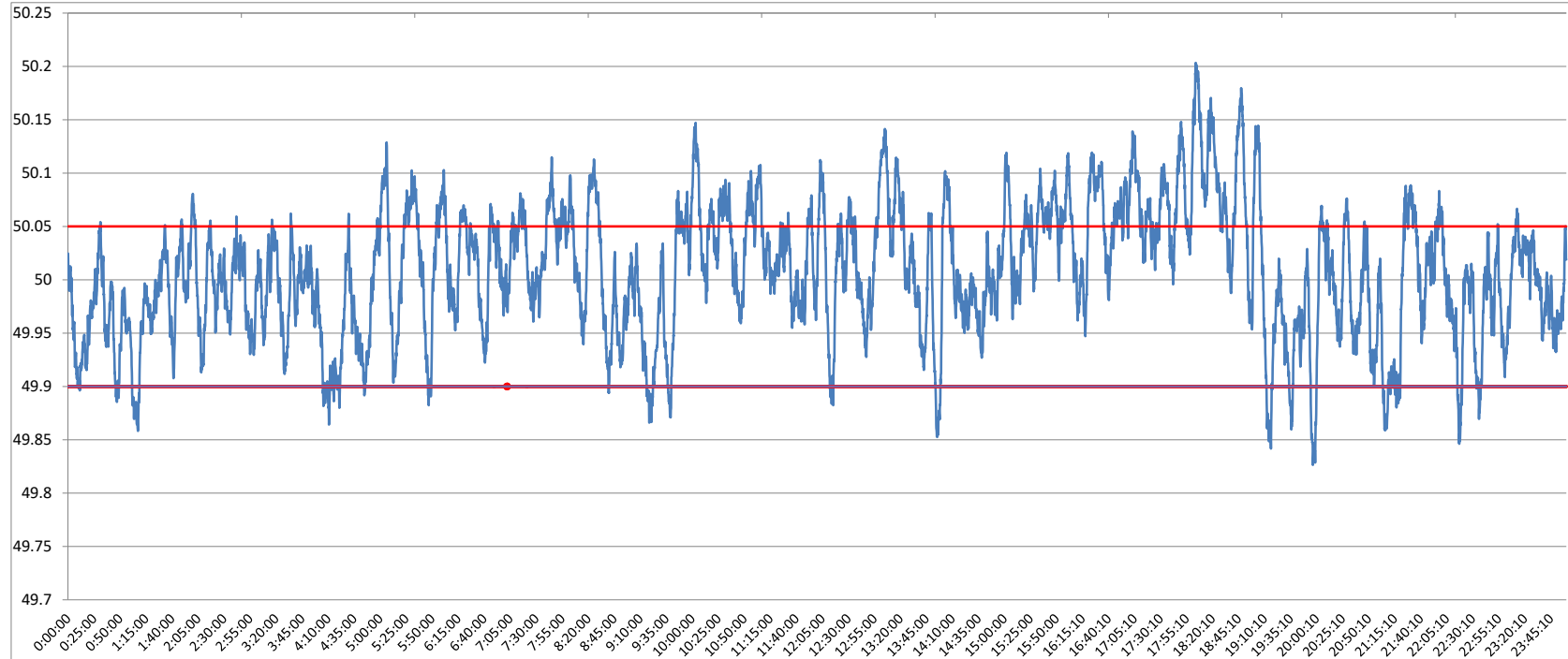


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

19-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	4.81	27.26	0.00	4.81	40.43	49.36	5.35	69.20	99.95	35.66	20.63	54.70	37.08	25.98	0.05

Average Frequency	50.01	Frequency Variation Index :	0.038	Standard Deviation :	0.061
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Instantaneous Frequency		
Max	50.2	18:03:50
Min	49.83	19:56:30

15 minute average Frequency		
Max	50.134	18:15:00
Min	49.913	21:15:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	124
No. of excursion above 50.00 Hz	172
No. of excursion below 50.00 Hz	172

Average time freq remains below 49.97 per excursion	0:03:10	Average time frequency remains above 50.03 per excursion	0:03:57
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