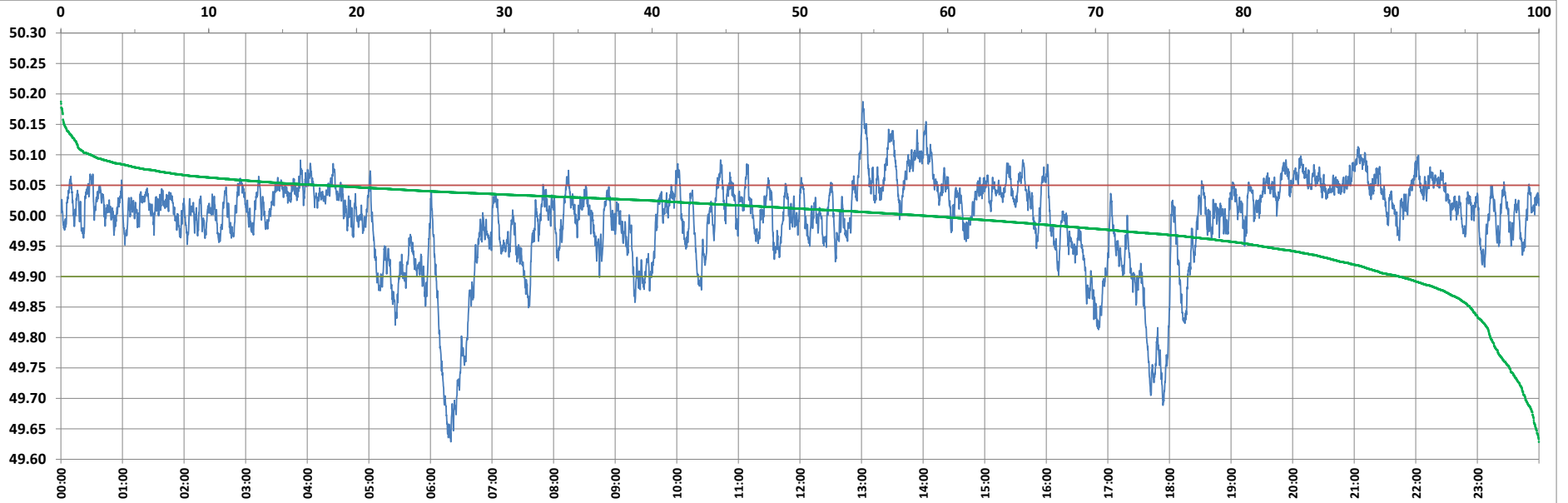


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Sep-2022 (Thursday)



<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	<49.95	49.95-50.05	49.90-49.95
0.93	9.43	25.73	2.36	6.15	32.09	56.42	2.05	72.95	99.07	39.28	15.57	58.47	34.99	17.62	0.00	18.83	63.55	9.40

Average Frequency : 49.995	Frequency Variation Index : 0.0562	Standard Deviation : 0.0748	Mileage: 44.8	FDI: 27.0
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Instantaneous Frequency		
Max	50.187	13:01:20
Min	49.629	6:19:50

15 minute Average Frequency		
Max	50.097	14:00:00
Min	49.685	6:30:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	105
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	6:29:30
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Source : KANPUR 10 Sec. (8640 samples)