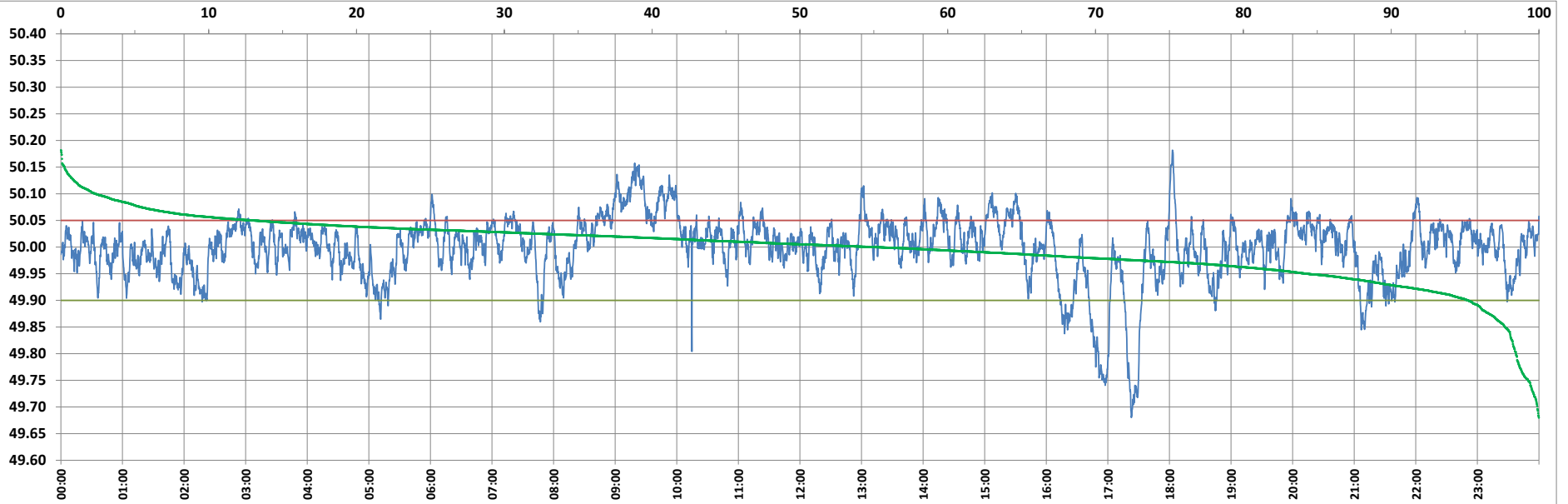


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Sep-2022 (Saturday)



<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
0.12	4.79	23.59	1.44	3.24	40.16	52.71	2.34	82.20	99.88	48.62	10.67	55.05	27.79	13.01	0.00	15.67	71.32	10.88

Average Frequency : 49.998	Frequency Variation Index : 0.0353	Standard Deviation : 0.0594	Mileage: 46.6	FDI: 17.8
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Instantaneous Frequency		
Max	50.182	18:02:50
Min	49.680	17:22:50

15 minute Average Frequency		
Max	50.124	9:30:00
Min	49.766	17:30:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	137
above 50.00 Hz	226
below 50.00 Hz	226

Average time freq per excursion remains	
below 49.97	0:02:29
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	4:16:20
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Source : AGRA 10 Sec. (8640 samples)