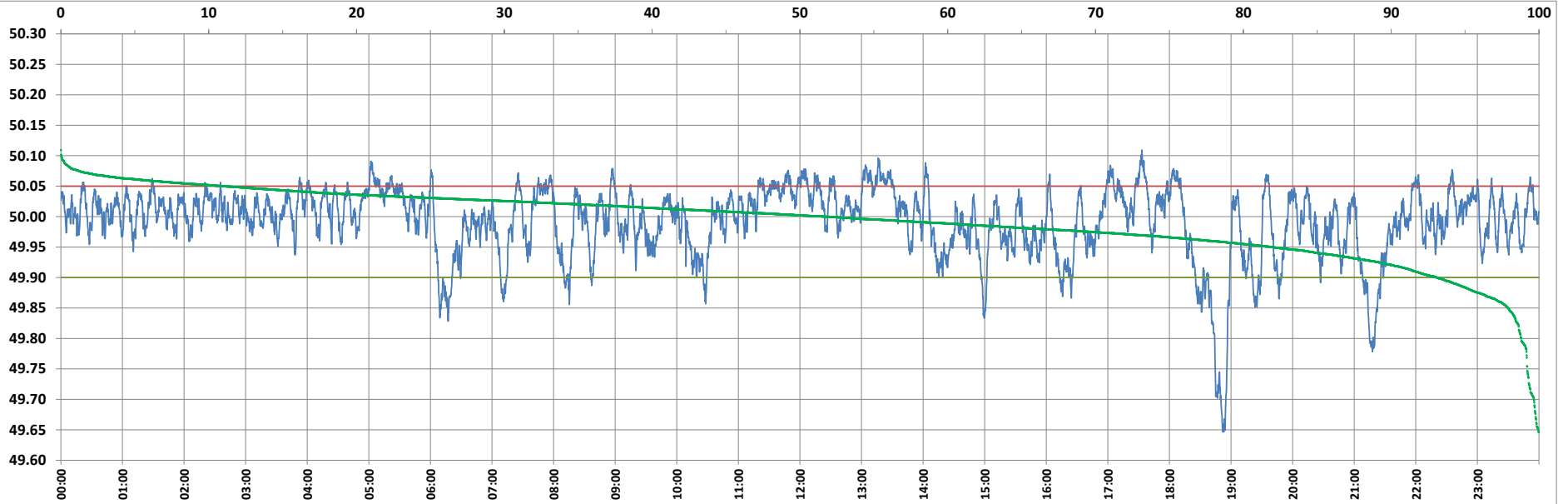


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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
0.35	6.90	27.27	0.86	5.69	41.32	51.75	0.03	82.14	99.65	46.98	10.93	51.78	25.75	10.96	0.00	18.03	71.01	11.13

Average Frequency : 49.991	Frequency Variation Index : 0.0343	Standard Deviation : 0.0579	Mileage: 42.0	FDI: 17.9
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Instantaneous Frequency		
Max	50.109	17:33:10
Min	49.647	18:51:50

15 minute Average Frequency		
Max	50.066	13:30:00
Min	49.742	19:00:00

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	130
above 50.00 Hz	180
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	4:17:10
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Source : AGRA 10 Sec. (8640 samples)