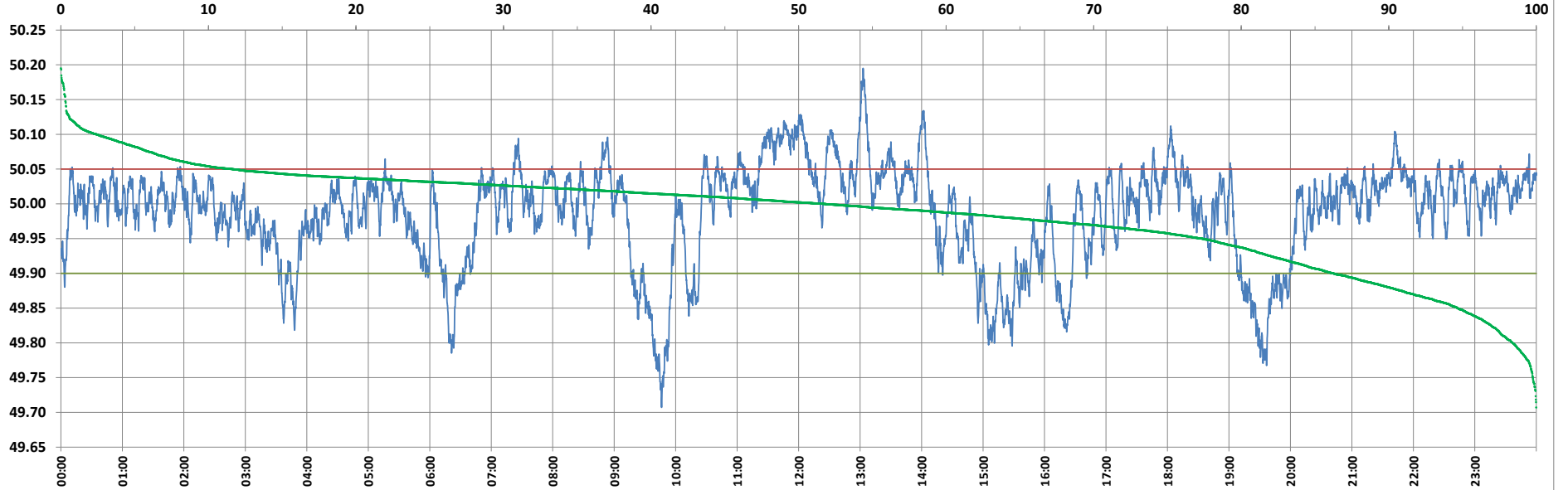


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Aug-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
0.00	13.75	30.28	1.62	12.13	34.56	49.27	2.42	74.64	100.00	42.95	9.19	51.69	26.77	11.61	0.00	22.69	65.71	8.94

Average Frequency : 49.987	Frequency Variation Index : 0.0504	Standard Deviation : 0.0697	Mileage: 43.9	FDI: 25.4
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Instantaneous Frequency	
Max	50.195 13:02:50
Min	49.707 9:46:10

15 minute Average Frequency	
Max	50.100 12:00:00
Min	49.812 9:45:00

No. of excursions	
above 50.03 Hz	187
below 49.97 Hz	107
above 50.00 Hz	163
below 50.00 Hz	163

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

No. of hours freq outside 49.9-50.05 Hz	6:05:10
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Source : AGRA 10 Sec. (8640 samples)