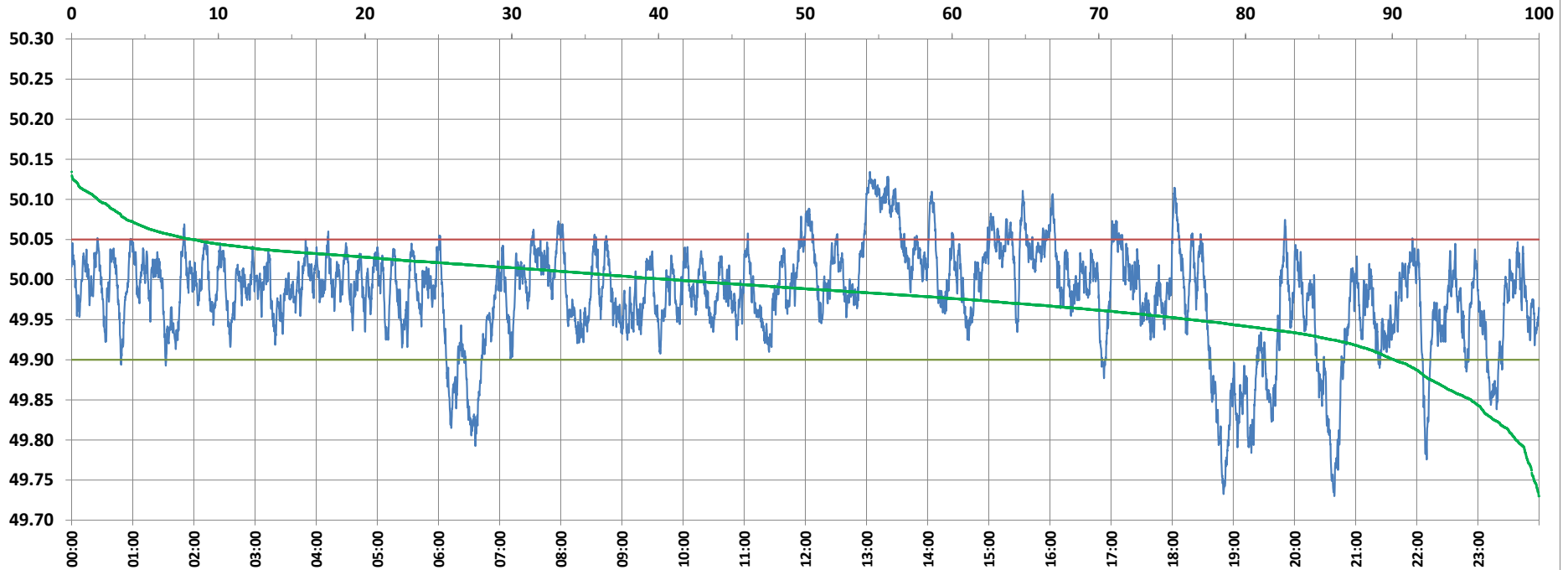


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Aug-2021 (Wednesday)



<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	9.87	35.37	1.57	8.30	49.24	39.11	1.78	81.85	100.00	46.02	6.49	40.89	18.61	8.28	0.00	23.69	68.03	13.82

Average Frequency : 49.981	Frequency Variation Index : 0.0427	Standard Deviation : 0.0625	Mileage: 43.3	FDI: 18.1
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Instantaneous Frequency		
Max	50.134	13:03:20
Min	49.730	20:39:00

15 minute Average Frequency		
Max	50.113	13:15:00
Min	49.792	20:45:00

No. of excursions	
above 50.03 Hz	148
below 49.97 Hz	140
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:38
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	4:21:20
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Source : AGRA 10 Sec. (8640 samples)