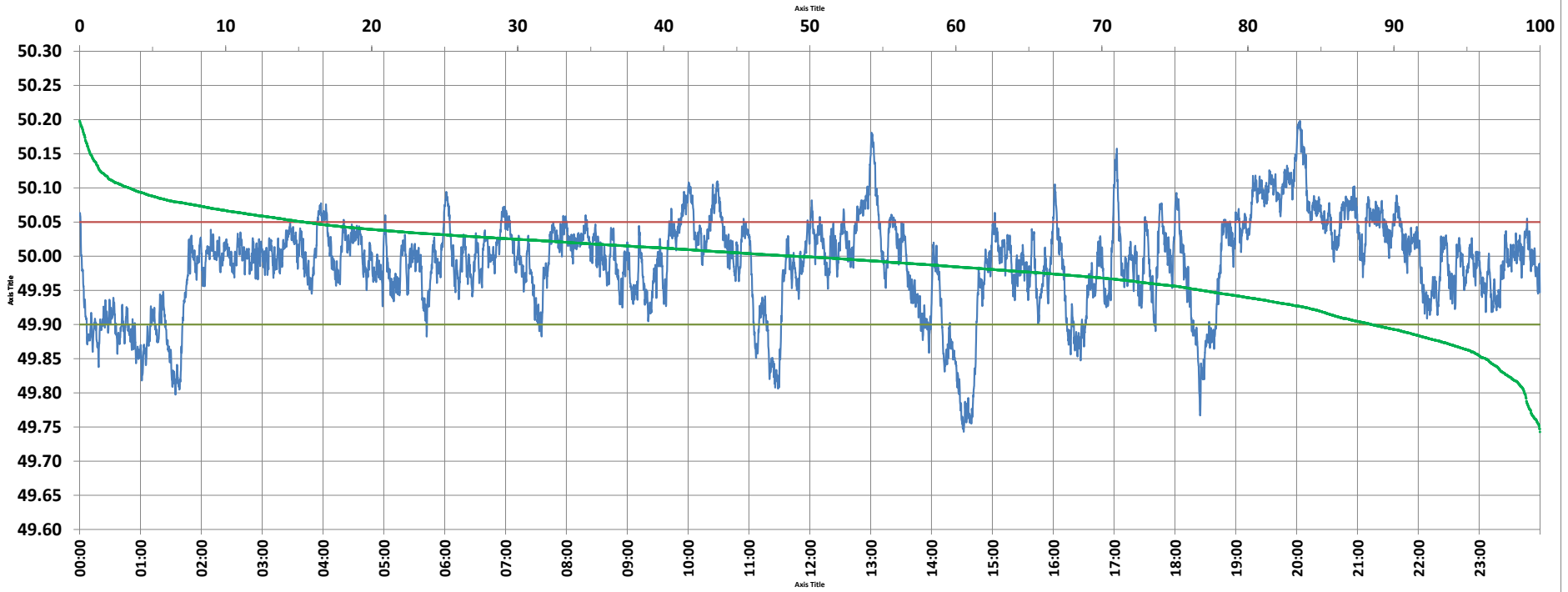


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Oct-2021 (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
0.00	11.55	31.10	1.06	10.49	39.55	45.52	3.38	73.10	100.00	43.04	11.97	48.90	25.86	15.35	0.00	23.19	61.46	11.64

Average Frequency : 49.990	Frequency Variation Index : 0.0477	Standard Deviation : 0.0683	Mileage: 48.1	FDI: 26.9
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Instantaneous Frequency		
Max	50.198	20:03:10
Min	49.743	14:31:40

15 minute Average Frequency		
Max	50.132	20:15:00
Min	49.787	14:45:00

No. of excursions	
above 50.03 Hz	154
below 49.97 Hz	125
above 50.00 Hz	207
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:03:35
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	6:27:20
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Source : AGRA 10 Sec. (8640 samples)