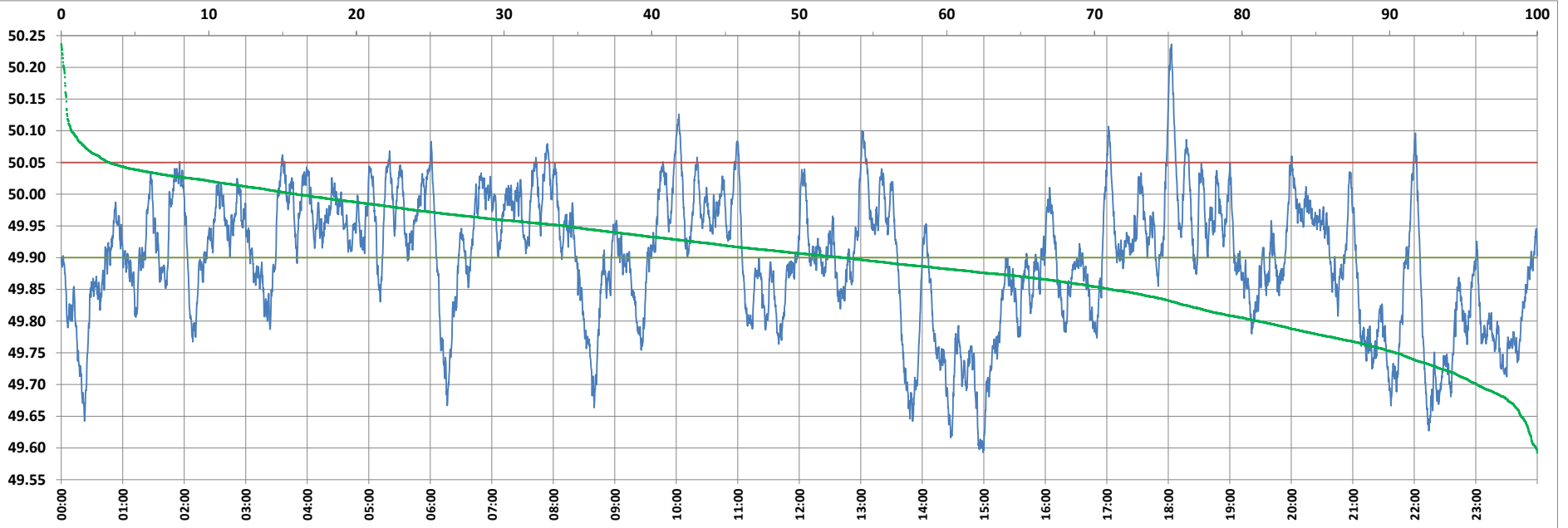


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Apr-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
4.07	47.01	74.28	14.86	28.08	37.04	15.25	0.52	49.75	95.75	18.58	2.55	15.94	7.14	3.24	0.17	65.81	30.95	18.80

Average Frequency : 49.897	Frequency Variation Index : 0.2096	Standard Deviation : 0.1019	Mileage: 45.5	FDI: 50.3
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Instantaneous Frequency		
Max	50.236	18:03:00
Min	49.593	14:59:10

15 minute Average Frequency		
Max	50.069	18:15:00
Min	49.675	15:00:00

No. of excursions	
above 50.03 Hz	59
below 49.97 Hz	85
above 50.00 Hz	74
below 50.00 Hz	74

Average time freq per excursion remains	
below 49.97	0:12:35
above 50.03	0:01:45

No. of hours freq outside 49.9-50.05 Hz	12:03:40
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Source : BALIPARA 10 Sec. (8640 samples)