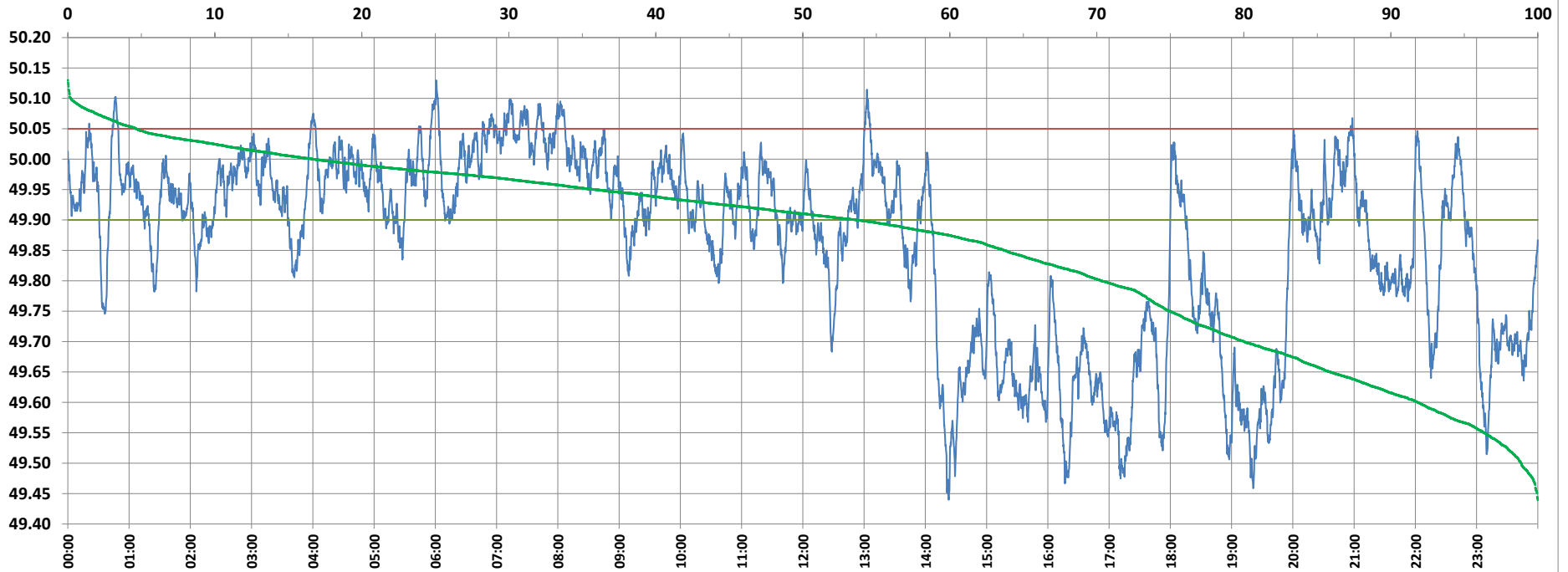


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-2022 (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
19.99	46.33	71.13	9.73	16.61	36.99	16.47	0.21	49.03	80.01	20.28	4.43	16.68	8.59	4.64	0.00	64.18	31.18	17.85

Average Frequency : 49.862	Frequency Variation Index : 0.4252	Standard Deviation : 0.1531	Mileage: 46.0	FDI: 51.0
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Instantaneous Frequency		
Max	50.130	6:00:50
Min	49.440	14:22:50

15 minute Average Frequency		
Max	50.057	7:30:00
Min	49.534	14:30:00

No. of excursions	
above 50.03 Hz	55
below 49.97 Hz	89
above 50.00 Hz	75
below 50.00 Hz	74

Average time freq per excursion remains	
below 49.97	0:11:31
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	12:14:00
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Source : BALIPARA 10 Sec. (8640 samples)