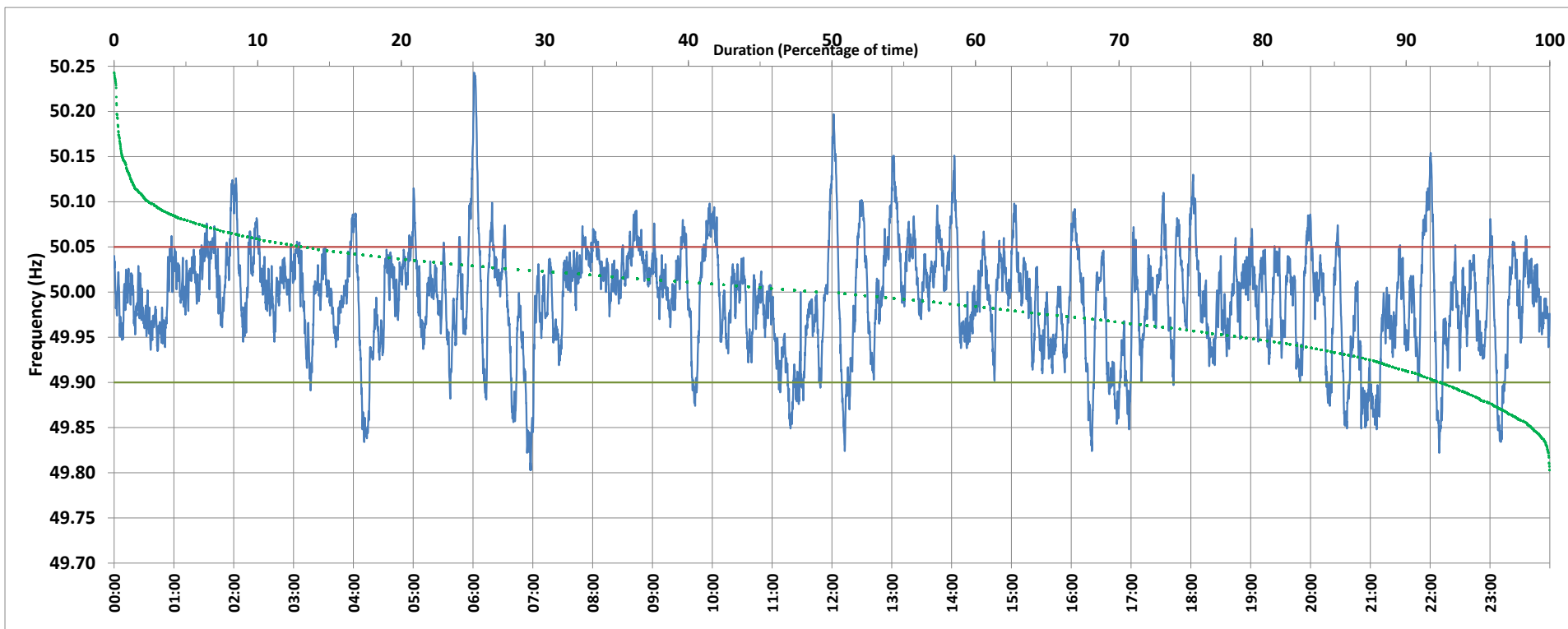


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Jan-2020 (Friday)



<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	7.50	31.27	0.00	7.50	42.03	48.01	2.28	79.50	99.81	44.51	11.06	48.91	24.21	13.00	0.19	21.16	65.84	13.66

Average Frequency : 49.993	Frequency Variation Index : 0.0348	Standard Deviation : 0.0586	Mileage: 53.3	FDI: 20.5
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Instantaneous Frequency		
Max	50.243	6:00:50
Min	49.803	6:57:20

15 minute Average Frequency		
Max	50.060	13:15:00
Min	49.892	11:30:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	124
above 50.00 Hz	151
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:38
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	4:55:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)