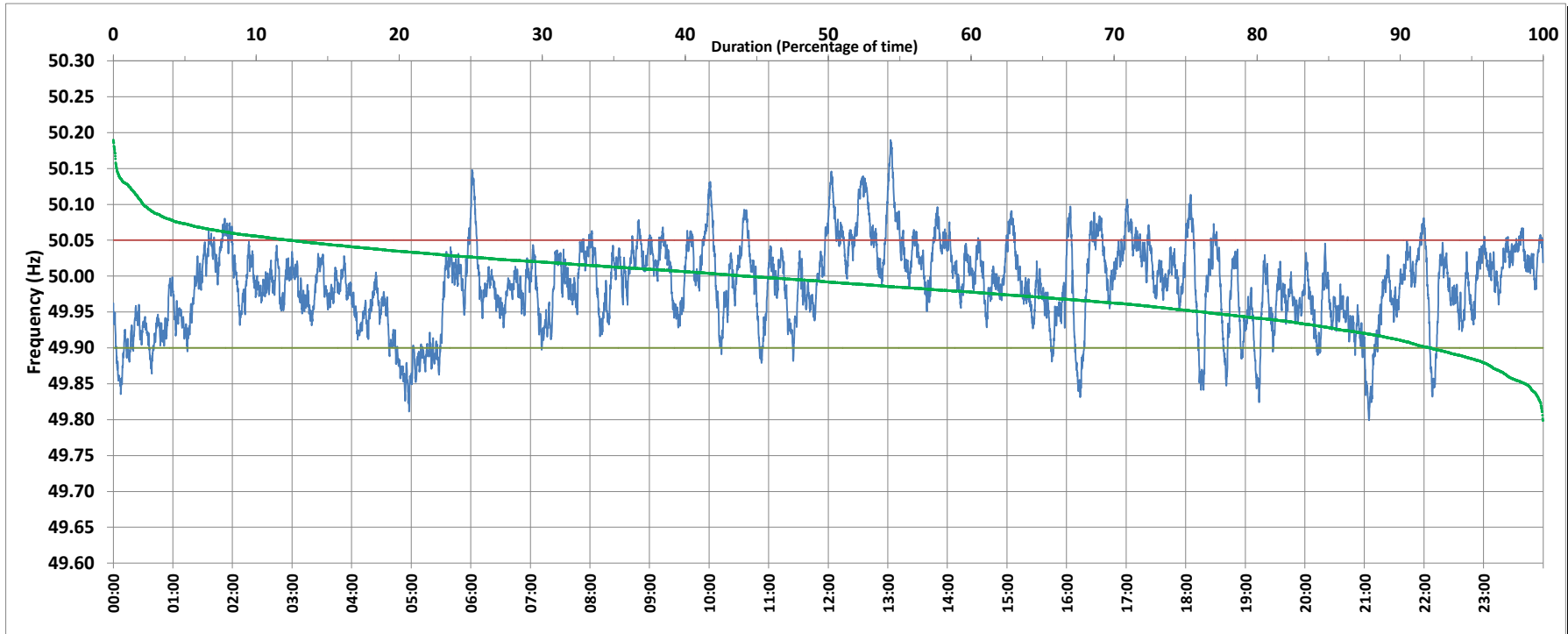


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Aug-2018 (Sunday)



<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
0.0	7.9	34.7	0.0	7.8	47.8	42.2	2.1	79.7	100.0	42.5	10.3	44.3	22.9	12.4	0.0	23.7	63.9	15.8

Average Frequency : 49.988	Frequency Variation Index : 0.034	Standard Deviation : 0.057	Mileage: 47.2	FDI: 20.3
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Instantaneous Frequency		
Max	50.190	13:02:50
Min	49.799	21:04:40

15 minute Average Frequency		
Max	50.105	12:45:00
Min	49.862	5:00:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	144
above 50.00 Hz	170
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	4:51:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)