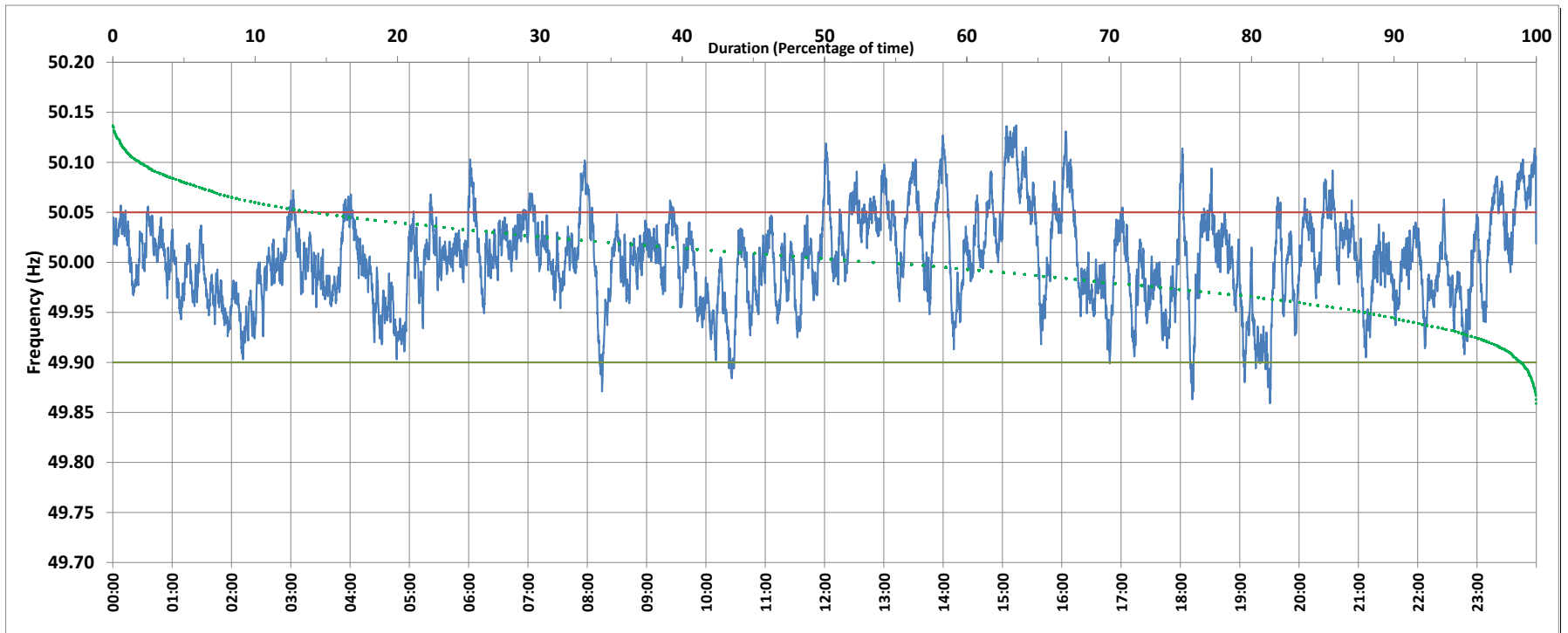


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-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	1.0	22.2	0.0	1.0	43.8	53.2	2.0	85.0	100.0	51.1	12.6	53.4	26.7	14.0	0.0	11.7	74.3	10.7

Average Frequency : 50.004	Frequency Variation Index : 0.020	Standard Deviation : 0.045	Mileage: 46.0	FDI: 15.0
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Instantaneous Frequency		
Max	50.137	15:13:50
Min	49.859	19:30:30

15 minute Average Frequency		
Max	50.111	15:15:00
Min	49.911	19:30:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	118
above 50.00 Hz	149
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:56

No. of hours freq outside 49.9-50.05 Hz	3:35:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)