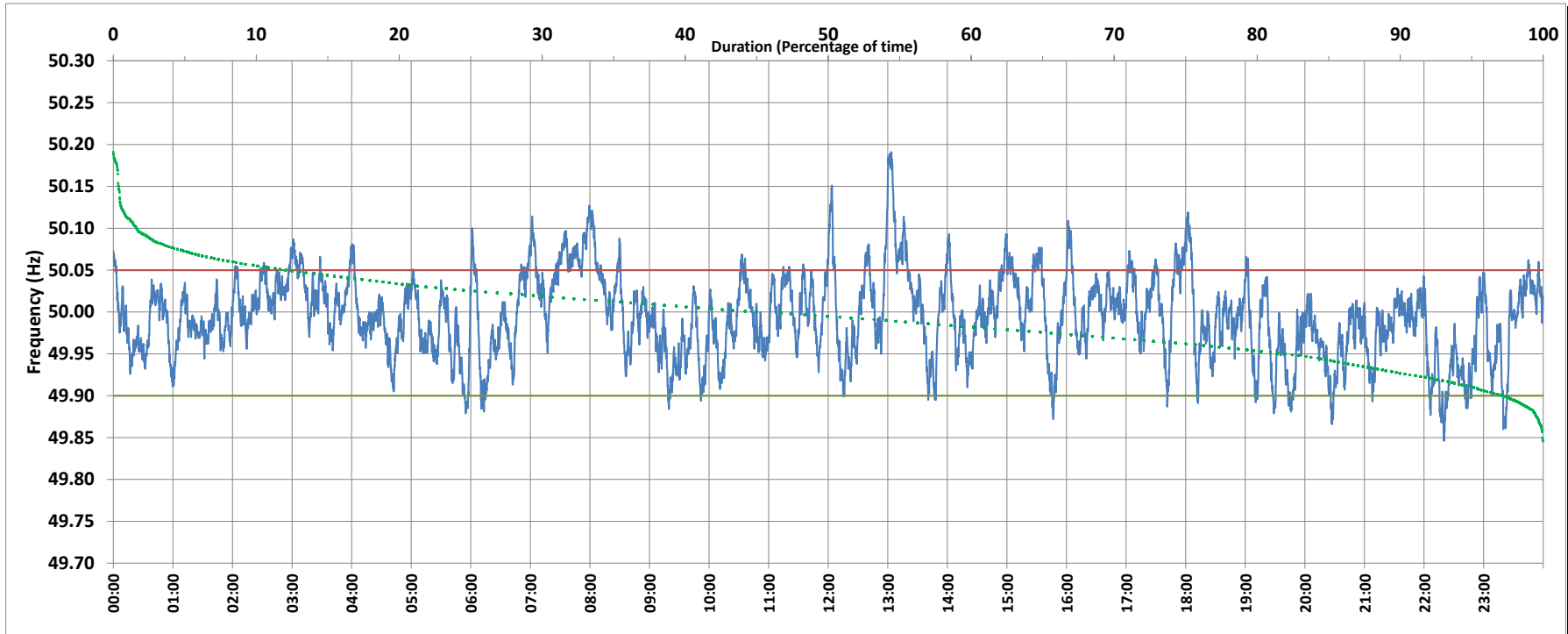


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Aug-2018 (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
0.0	2.6	30.1	0.0	2.6	50.7	45.0	1.7	85.3	100.0	48.0	10.9	45.0	21.9	12.0	0.0	17.5	70.4	14.9

Average Frequency : 49.994	Frequency Variation Index : 0.025	Standard Deviation : 0.049	Mileage: 43.9	FDI: 14.7
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Instantaneous Frequency		
Max	50.191	13:03:30
Min	49.846	22:20:10

15 minute Average Frequency		
Max	50.115	13:15:00
Min	49.902	22:30:00

No. of excursions	
above 50.03 Hz	92
below 49.97 Hz	124
above 50.00 Hz	122
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	3:31:30
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Source : BALLIA:Frequency 10 Sec. (8640 samples)