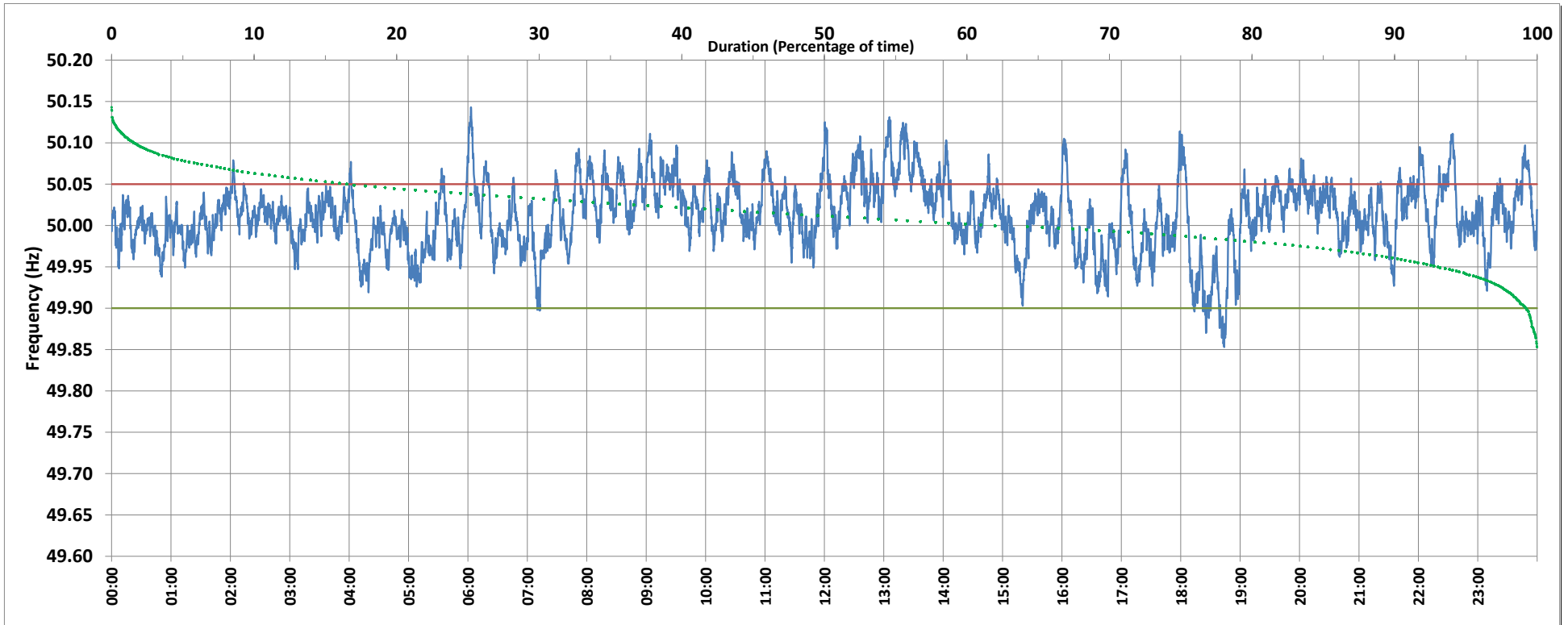


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Sep-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	0.7	13.5	0.0	0.7	35.0	62.6	1.7	82.8	100.0	54.4	15.5	62.0	32.2	16.5	0.0	6.8	76.7	6.1

Average Frequency : 50.012	Frequency Variation Index : 0.018	Standard Deviation : 0.041	Mileage: 45.9	FDI: 17.2
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Instantaneous Frequency		
Max	50.143	6:03:00
Min	49.853	18:43:50

15 minute Average Frequency		
Max	50.087	13:30:00
Min	49.912	18:45:00

No. of excursions	
above 50.03 Hz	173
below 49.97 Hz	87
above 50.00 Hz	159
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	4:08:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)