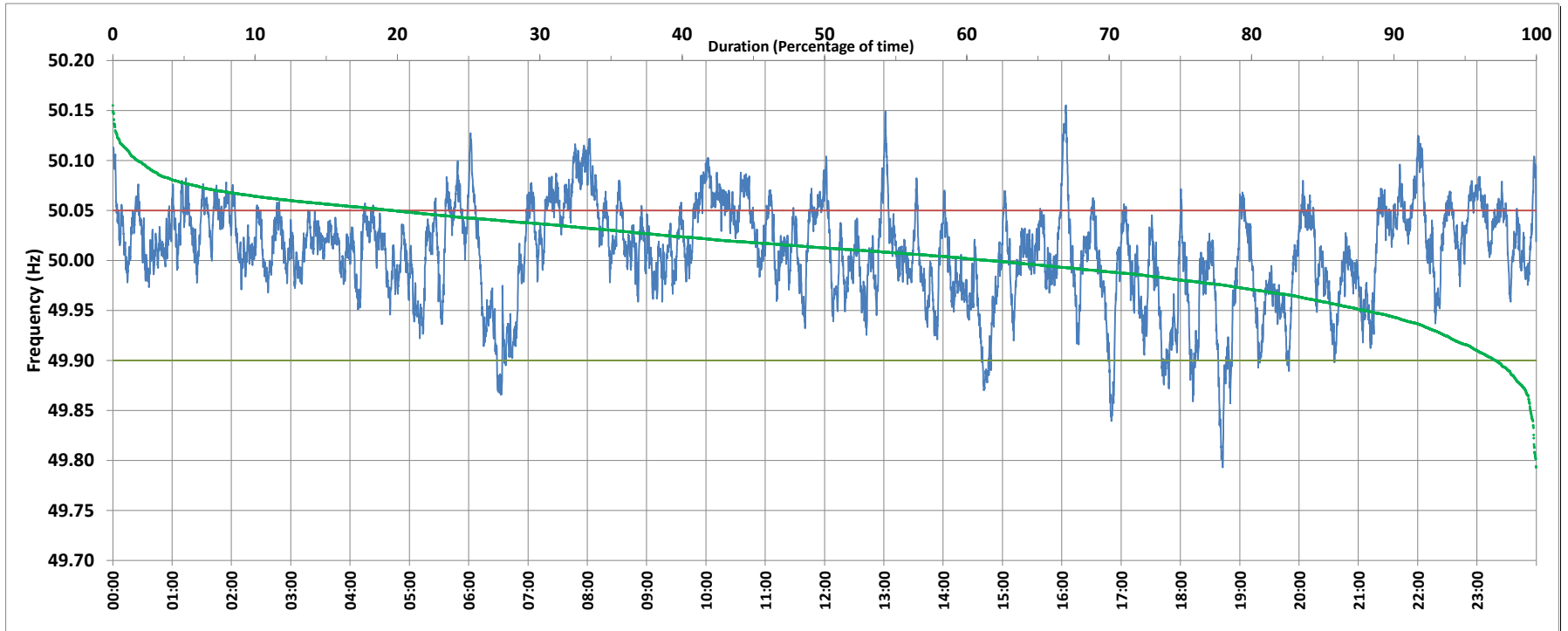


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Aug-2018 (Monday)



<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	2.8	19.3	0.0	2.8	35.5	59.9	1.8	77.5	100.0	45.4	18.0	61.6	35.3	19.7	0.0	12.0	68.3	9.2

Average Frequency : 50.008	Frequency Variation Index : 0.025	Standard Deviation : 0.049	Mileage: 46.9	FDI: 22.5
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Instantaneous Frequency		
Max	50.155	16:04:00
Min	49.793	18:42:50

15 minute Average Frequency		
Max	50.096	8:00:00
Min	49.907	6:45:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	110
above 50.00 Hz	189
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	5:24:20
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)