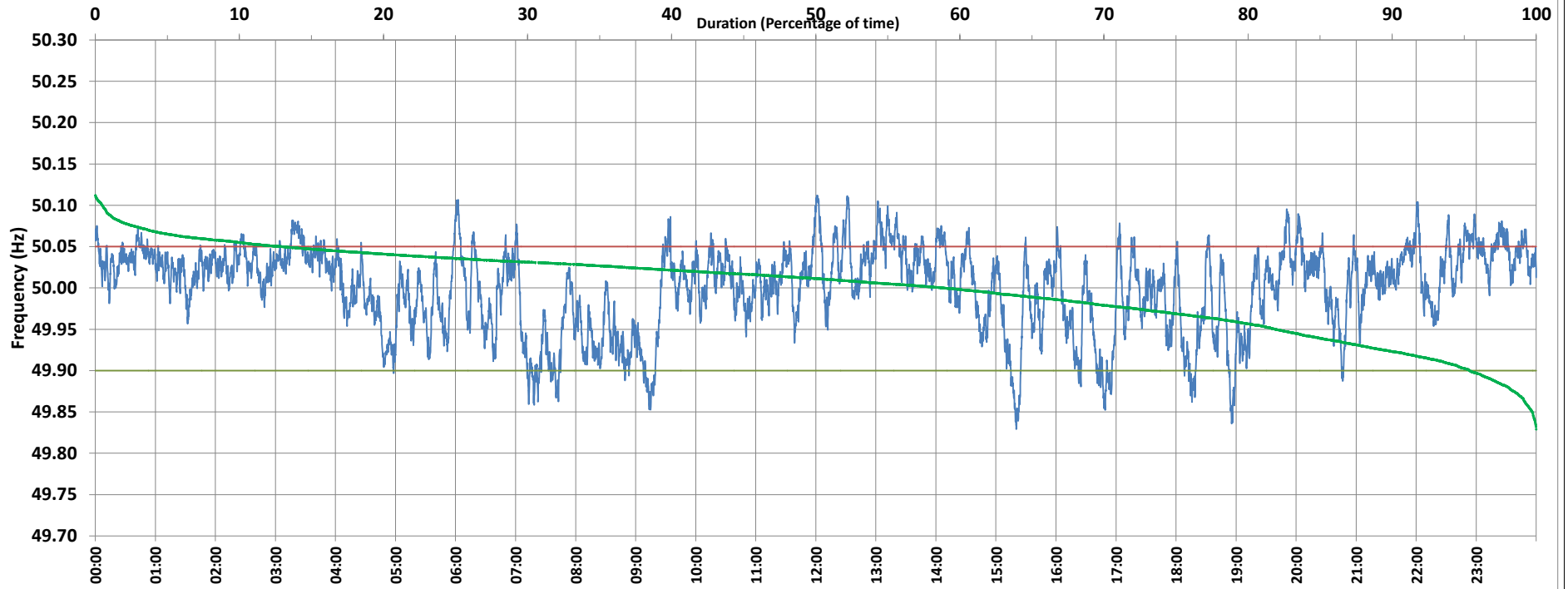


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Sep-2020 (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
0.00	4.61	25.49	0.00	4.61	36.52	58.38	0.50	82.41	100.00	42.96	12.52	58.81	31.55	12.99	0.00	10.00	68.92	5.39

Average Frequency : 50.000	Frequency Variation Index : 0.0255	Standard Deviation : 0.0504	Mileage: 44.5	FDI: 17.6
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Instantaneous Frequency		
Max	50.112	12:01:10
Min	49.829	15:20:20

15 minute Average Frequency		
Max	50.069	13:15:00
Min	49.898	17:00:00

No. of excursions	
above 50.03 Hz	235
below 49.97 Hz	112
above 50.00 Hz	143
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	4:13:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)