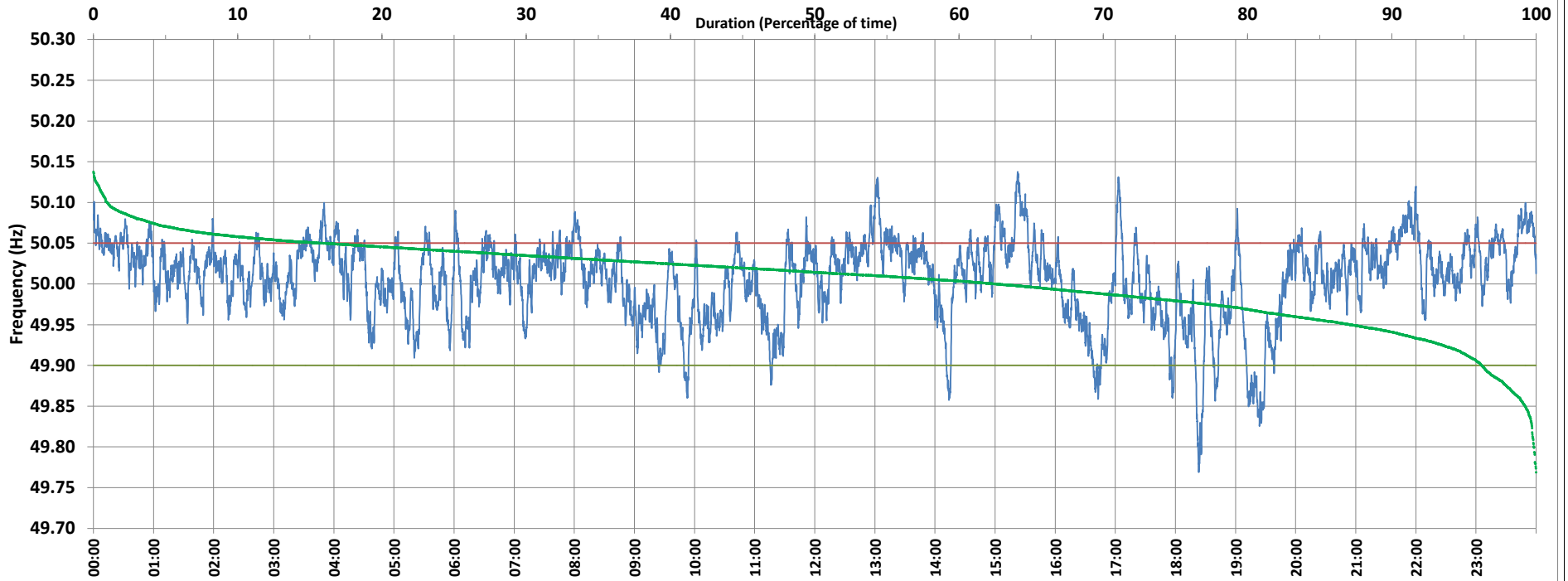


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Aug-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	3.78	20.31	0.16	3.62	33.59	61.68	0.95	80.27	100.00	44.80	15.17	62.59	34.88	15.95	0.00	10.00	71.28	6.22

Average Frequency : 50.006	Frequency Variation Index : 0.0249	Standard Deviation : 0.0495	Mileage: 44.8	FDI: 19.7
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Instantaneous Frequency		
Max	50.138	15:22:30
Min	49.769	18:23:10

15 minute Average Frequency		
Max	50.086	15:30:00
Min	49.864	19:30:00

No. of excursions	
above 50.03 Hz	212
below 49.97 Hz	93
above 50.00 Hz	156
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:09
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	4:44:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)