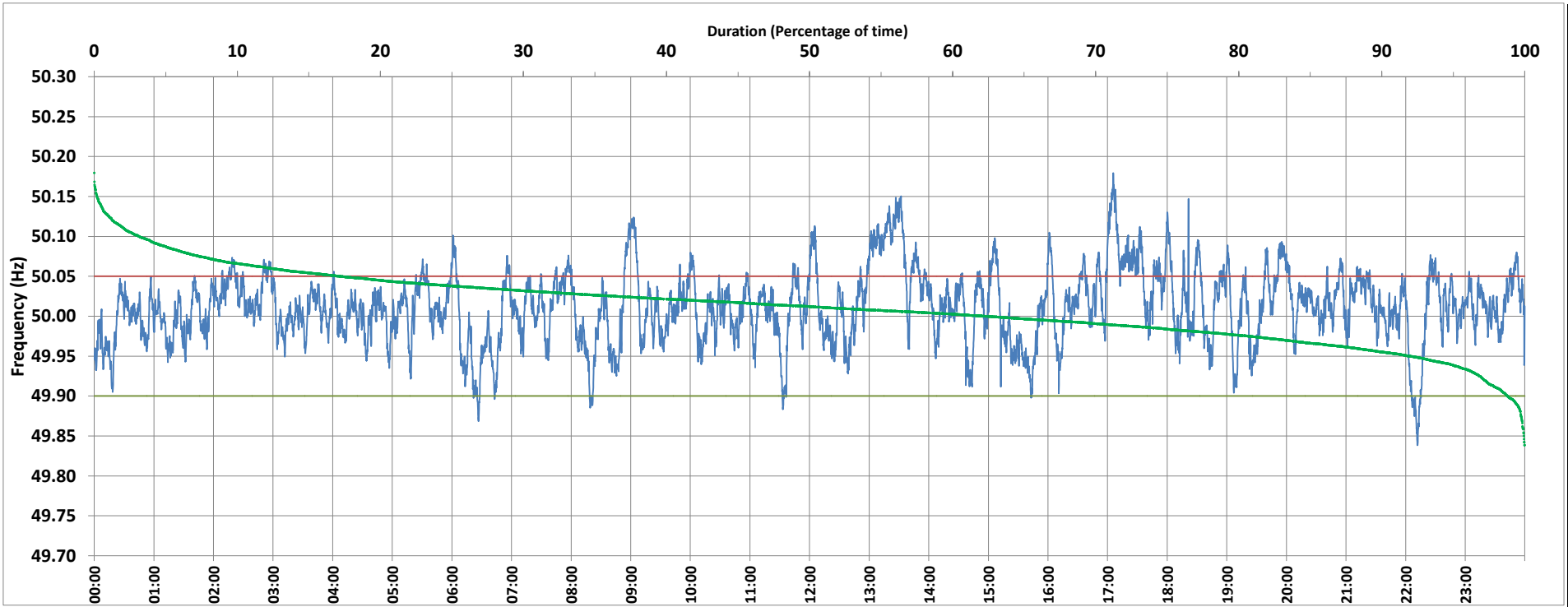


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Sep-2020 (Saturday)



<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	1.19	16.74	0.00	1.19	36.40	59.25	3.16	81.63	100.00	51.50	14.07	62.28	31.76	17.18	0.00	10.00	74.81	8.81

Average Frequency : 50.011	Frequency Variation Index : 0.0214	Standard Deviation : 0.0449	Mileage: 46.0	FDI: 18.4
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Instantaneous Frequency		
Max	50.180	17:06:30
Min	49.839	22:12:50

15 minute Average Frequency		
Max	50.117	13:30:00
Min	49.912	22:15:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	120
above 50.00 Hz	204
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:00
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	4:24:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)