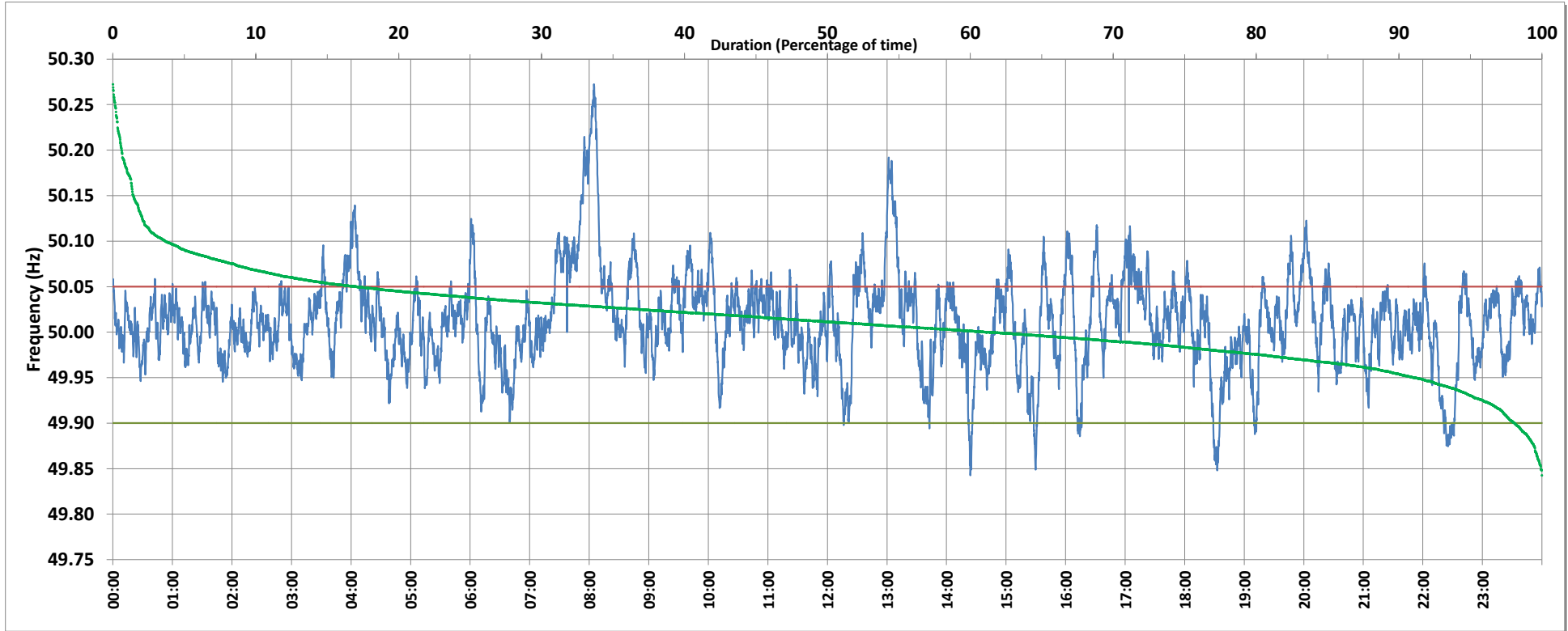


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Sep-2019 (Thursday)



<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	1.91	16.83	0.00	1.91	36.76	57.67	3.04	81.05	99.39	51.22	13.41	61.15	31.96	17.04	0.61	8.88	74.09	6.97

Average Frequency : 50.012	Frequency Variation Index : 0.0269	Standard Deviation : 0.0505	Mileage: 46.5	FDI: 18.9
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Instantaneous Frequency		
Max	50.272	8:04:40
Min	49.843	14:24:00

15 minute Average Frequency		
Max	50.166	8:15:00
Min	49.906	22:30:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	133
above 50.00 Hz	206
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:01:49
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	4:32:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)