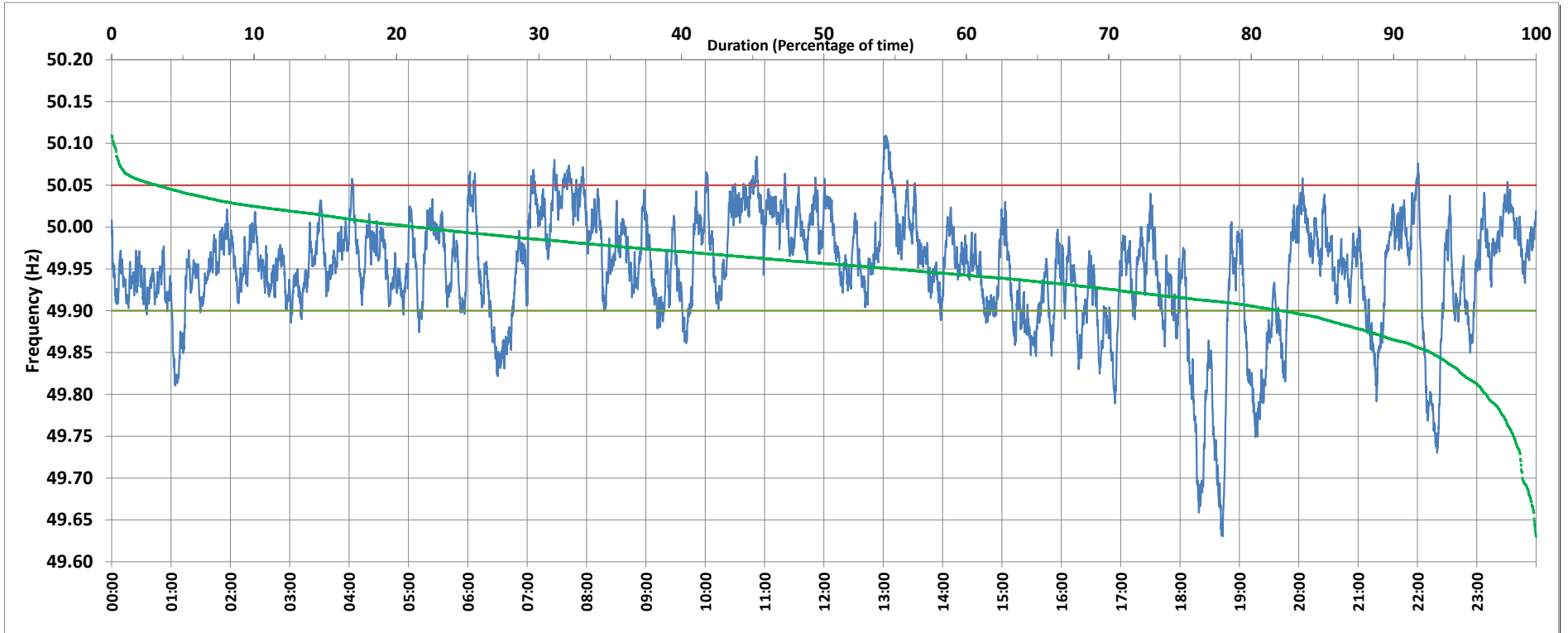


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2018 (Friday)



<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
1.0	17.8	59.4	2.5	14.3	60.8	21.3	0.1	79.0	99.0	32.5	3.1	21.3	8.1	3.2	0.0	45.0	51.8	27.2

Average Frequency : 49.949	Frequency Variation Index : 0.072	Standard Deviation : 0.068	Mileage: 46.0	FDI: 21.0
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Instantaneous Frequency		
Max	50.109	13:02:40
Min	49.630	18:43:00

15 minute Average Frequency		
Max	50.062	13:15:00
Min	49.722	18:45:00

No. of excursions	
above 50.03 Hz	88
below 49.97 Hz	160
above 50.00 Hz	123
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:05:21
above 50.03	0:01:19

No. of hours freq outside 49.9-50.05 Hz	5:02:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)