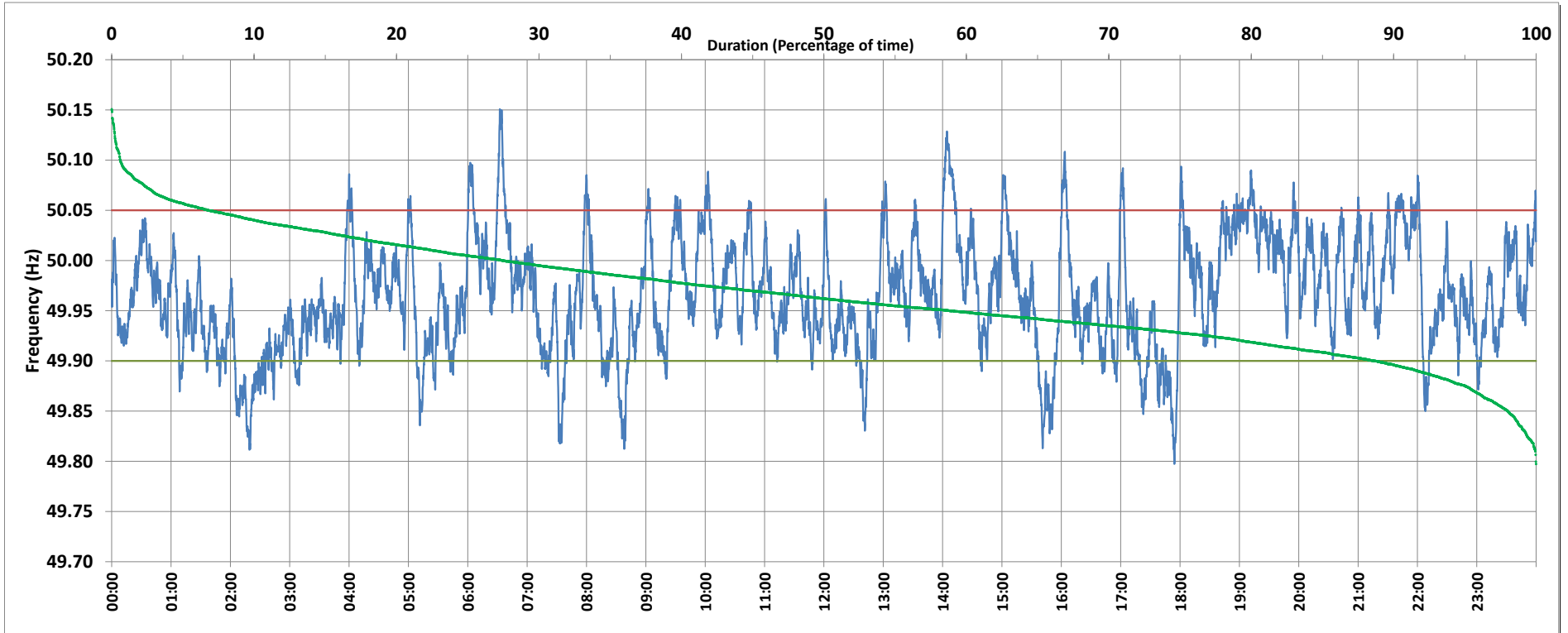


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Nov-2018 (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	11.28	55.10	0.02	11.26	61.24	26.86	0.61	81.91	100.00	30.82	6.24	27.44	14.07	6.81	0.00	41.16	52.04	29.87

Average Frequency : 49.965	Frequency Variation Index : 0.0433	Standard Deviation : 0.0560	Mileage: 47.0	FDI: 18.1
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Instantaneous Frequency		
Max	50.151	6:32:20
Min	49.797	17:54:10

15 minute Average Frequency		
Max	50.082	14:15:00
Min	49.860	2:30:00

No. of excursions	
above 50.03 Hz	109
below 49.97 Hz	154
above 50.00 Hz	126
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:09
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	4:20:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)