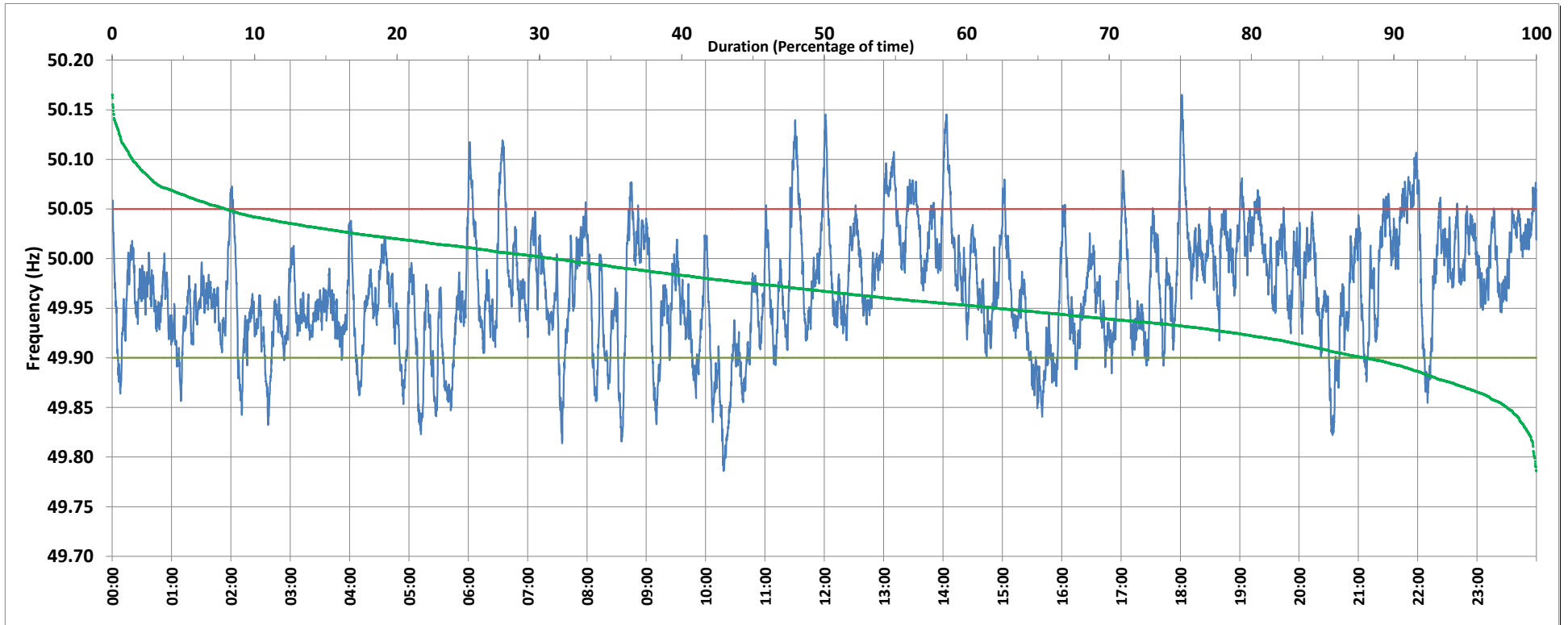


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Nov-2018 (Sunday)



<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	12.05	51.84	0.14	11.91	56.90	29.63	1.42	80.02	100.00	33.22	6.55	30.98	14.94	7.93	0.00	37.85	54.22	25.80

Average Frequency : 49.969	Frequency Variation Index : 0.0437	Standard Deviation : 0.0585	Mileage: 47.1	FDI: 20.0
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Instantaneous Frequency		
Max	50.165	18:01:30
Min	49.786	10:18:00

15 minute Average Frequency		
Max	50.073	13:15:00
Min	49.849	10:30:00

No. of excursions	
above 50.03 Hz	107
below 49.97 Hz	139
above 50.00 Hz	144
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:05:22
above 50.03	0:02:01

No. of hours freq outside 49.9-50.05 Hz	4:47:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)