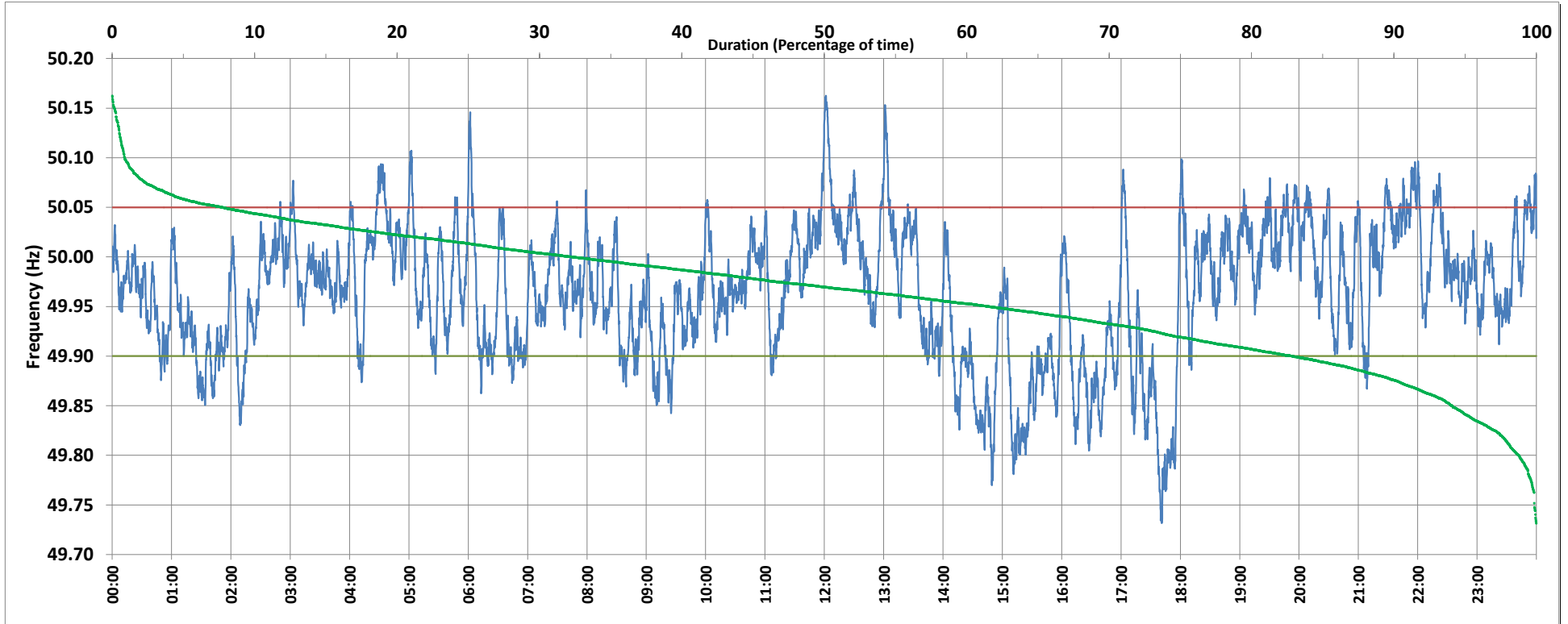


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Nov-2018 (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	17.12	50.13	1.22	15.90	50.52	31.48	0.88	75.15	100.00	33.85	6.92	32.30	16.02	7.73	0.00	38.41	53.85	21.30

Average Frequency : 49.964	Frequency Variation Index : 0.0571	Standard Deviation : 0.0665	Mileage: 46.4	FDI: 24.8
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Instantaneous Frequency		
Max	50.162	12:01:40
Min	49.732	17:41:00

15 minute Average Frequency		
Max	50.078	12:15:00
Min	49.816	17:45:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	145
above 50.00 Hz	139
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:04:59
above 50.03	0:01:57

No. of hours freq outside 49.9-50.05 Hz	5:57:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)