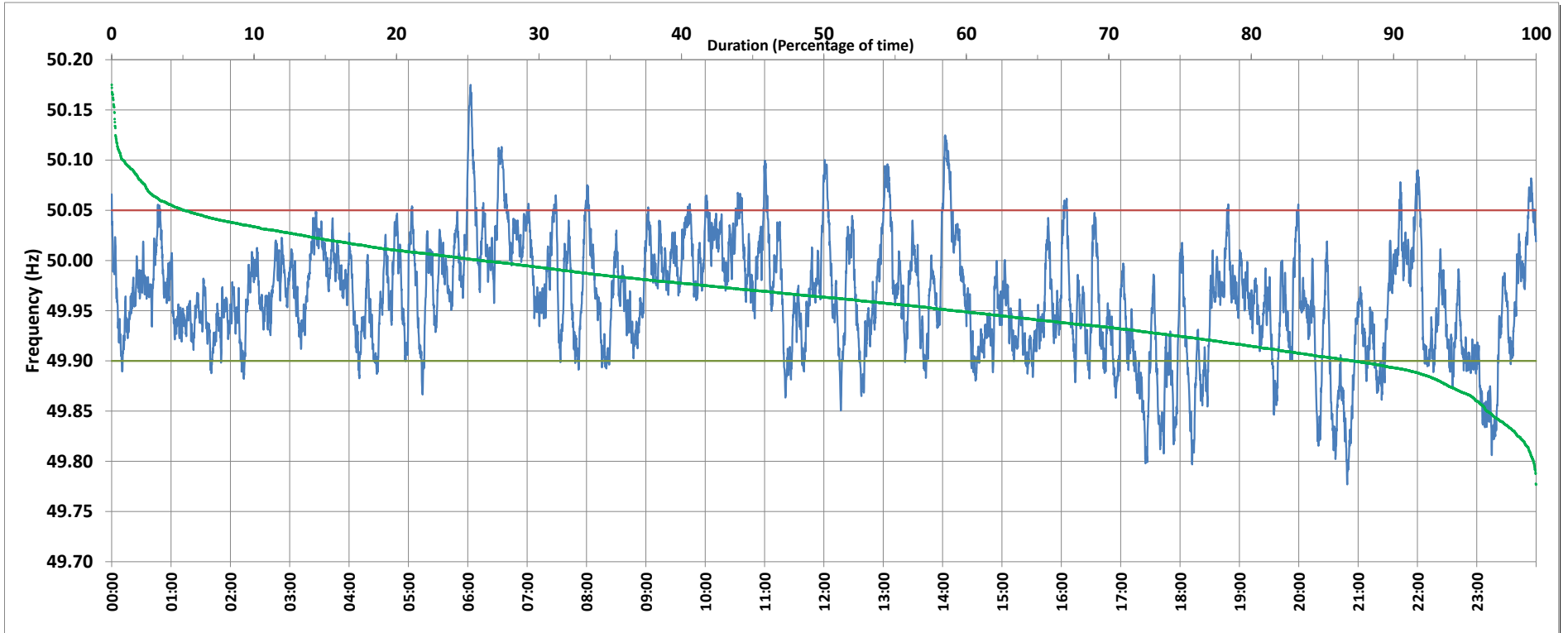


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-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	12.85	54.63	0.19	12.66	61.08	25.25	0.82	82.05	100.00	33.96	4.31	26.01	11.41	5.10	0.00	40.75	54.14	27.91

Average Frequency : 49.963	Frequency Variation Index : 0.0464	Standard Deviation : 0.0569	Mileage: 46.5	FDI: 18.0
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Instantaneous Frequency		
Max	50.175	6:02:50
Min	49.777	20:49:00

15 minute Average Frequency		
Max	50.069	6:15:00
Min	49.858	21:00:00

No. of excursions	
above 50.03 Hz	90
below 49.97 Hz	166
above 50.00 Hz	135
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:04:44
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	4:18:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)