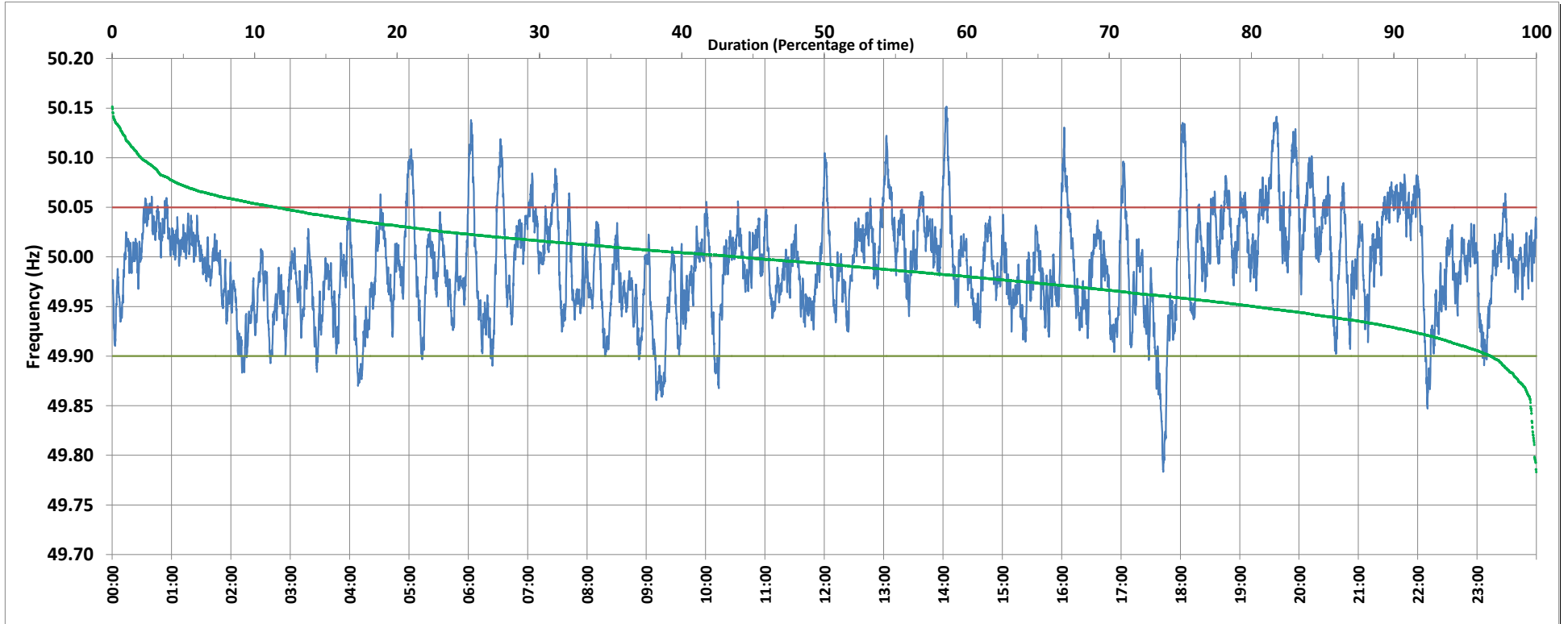


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	3.19	32.34	0.14	3.06	52.75	42.00	2.05	85.27	100.00	46.90	9.55	43.95	20.76	11.54	0.00	19.77	68.69	16.57

Average Frequency : 49.992	Frequency Variation Index : 0.0258	Standard Deviation : 0.0501	Mileage: 46.9	FDI: 14.7
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Instantaneous Frequency		
Max	50.152	14:03:20
Min	49.783	17:42:40

15 minute Average Frequency		
Max	50.085	19:45:00
Min	49.881	17:45:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	159
above 50.00 Hz	202
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	3:32:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)