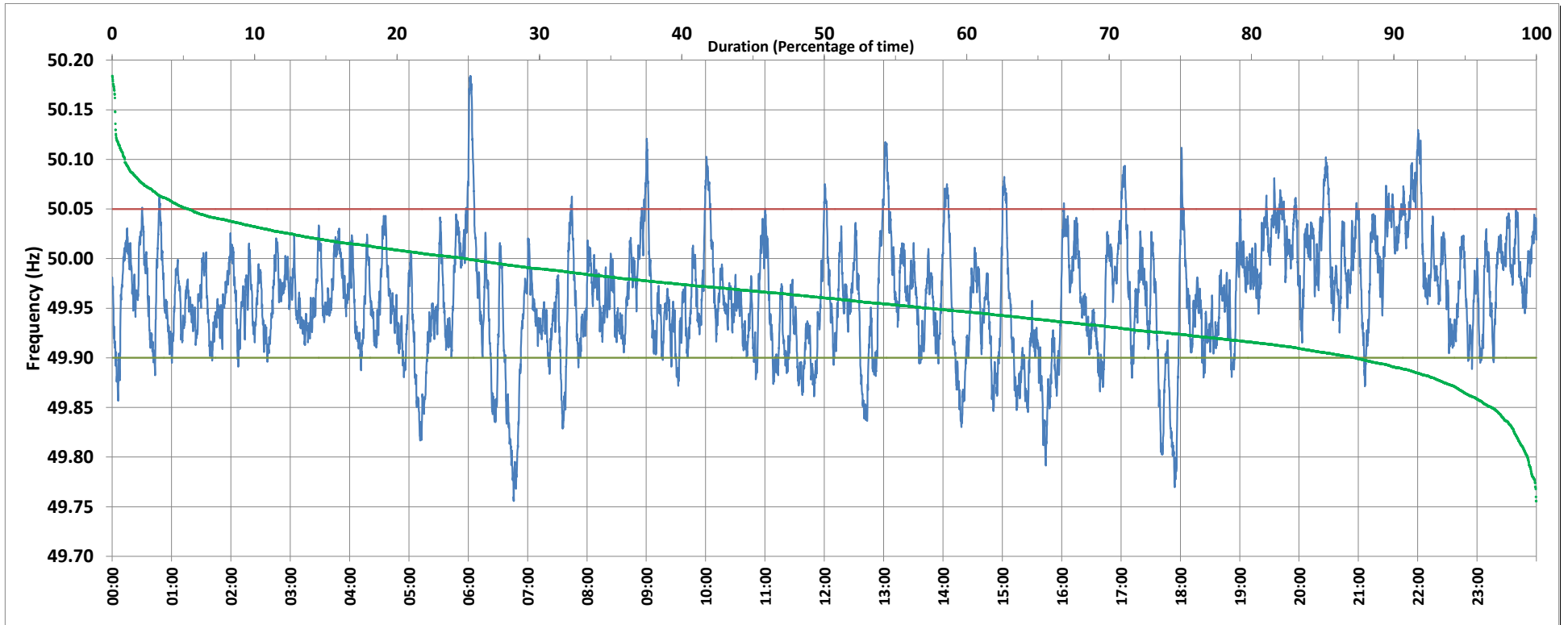


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-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	12.67	56.81	0.63	12.05	62.51	23.92	0.89	81.98	100.00	32.49	4.48	24.78	10.71	5.35	0.00	42.58	52.07	29.91

Average Frequency : 49.961	Frequency Variation Index : 0.0485	Standard Deviation : 0.0574	Mileage: 48.9	FDI: 18.0
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Instantaneous Frequency		
Max	50.184	6:01:50
Min	49.756	6:45:40

15 minute Average Frequency		
Max	50.060	22:00:00
Min	49.857	18:00:00

No. of excursions	
above 50.03 Hz	85
below 49.97 Hz	165
above 50.00 Hz	134
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:04:57
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	4:19:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)