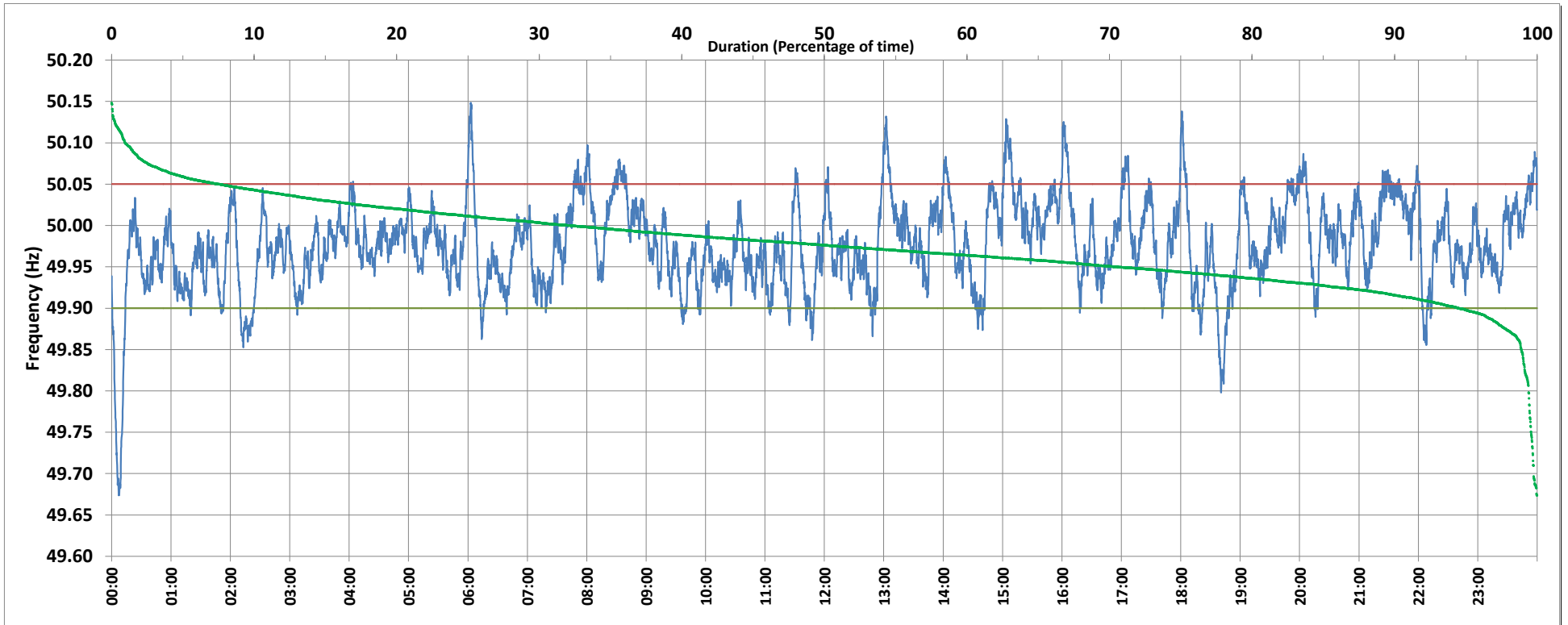


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Sep-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
0.2	5.5	44.9	0.4	4.9	62.3	31.3	0.9	87.0	99.8	40.1	6.6	32.2	15.0	7.5	0.0	29.4	63.1	23.9

Average Frequency : 49.977	Frequency Variation Index : 0.033	Standard Deviation : 0.053	Mileage: 44.5	FDI: 13.0
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Instantaneous Frequency		
Max	50.148	6:02:40
Min	49.674	0:07:10

15 minute Average Frequency		
Max	50.066	15:15:00
Min	49.789	0:15:00

No. of excursions	
above 50.03 Hz	84
below 49.97 Hz	186
above 50.00 Hz	152
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	3:07:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)