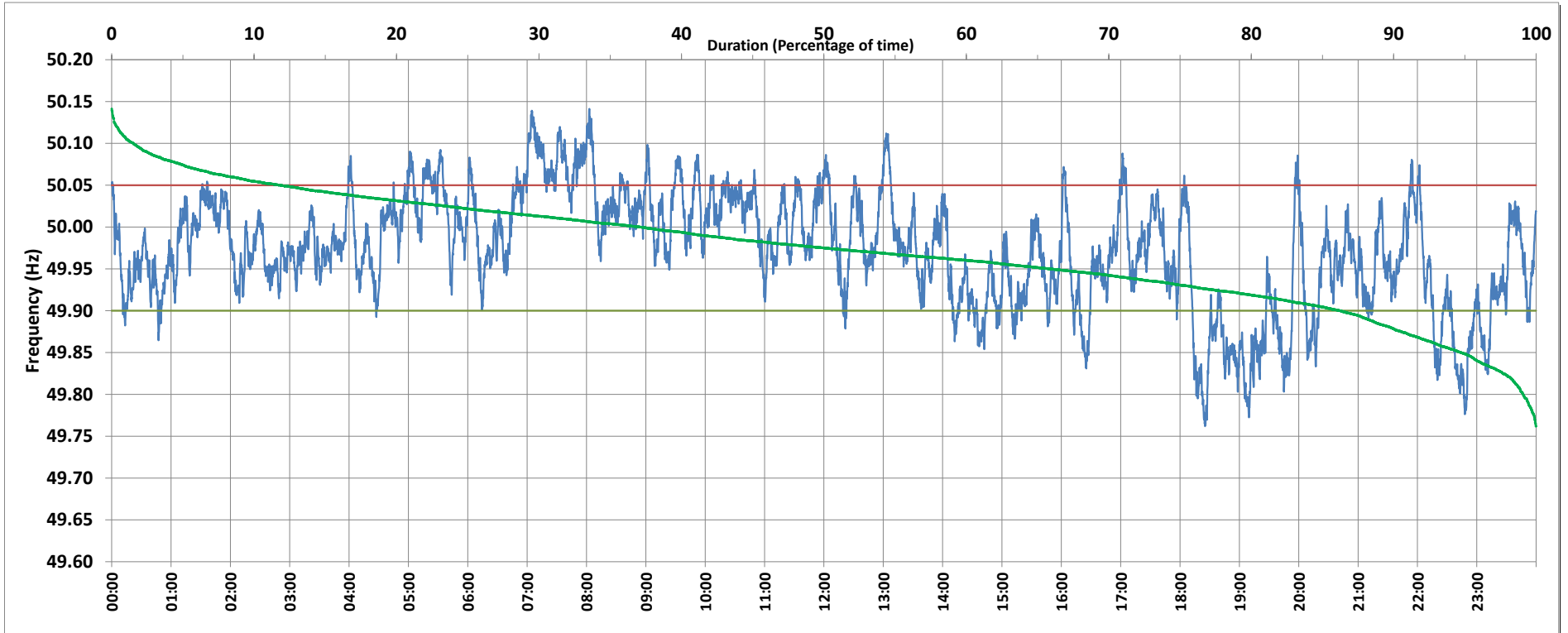


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-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
0.0	13.7	46.6	0.9	12.8	49.1	35.6	1.5	74.4	100.0	32.6	10.3	37.1	20.8	11.9	0.0	34.1	54.1	20.3

Average Frequency : 49.973	Frequency Variation Index : 0.053	Standard Deviation : 0.067	Mileage: 45.6	FDI: 25.6
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Instantaneous Frequency		
Max	50.141	8:02:50
Min	49.762	18:25:10

15 minute Average Frequency		
Max	50.104	7:15:00
Min	49.808	18:30:00

No. of excursions	
above 50.03 Hz	104
below 49.97 Hz	155
above 50.00 Hz	119
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	6:08:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)