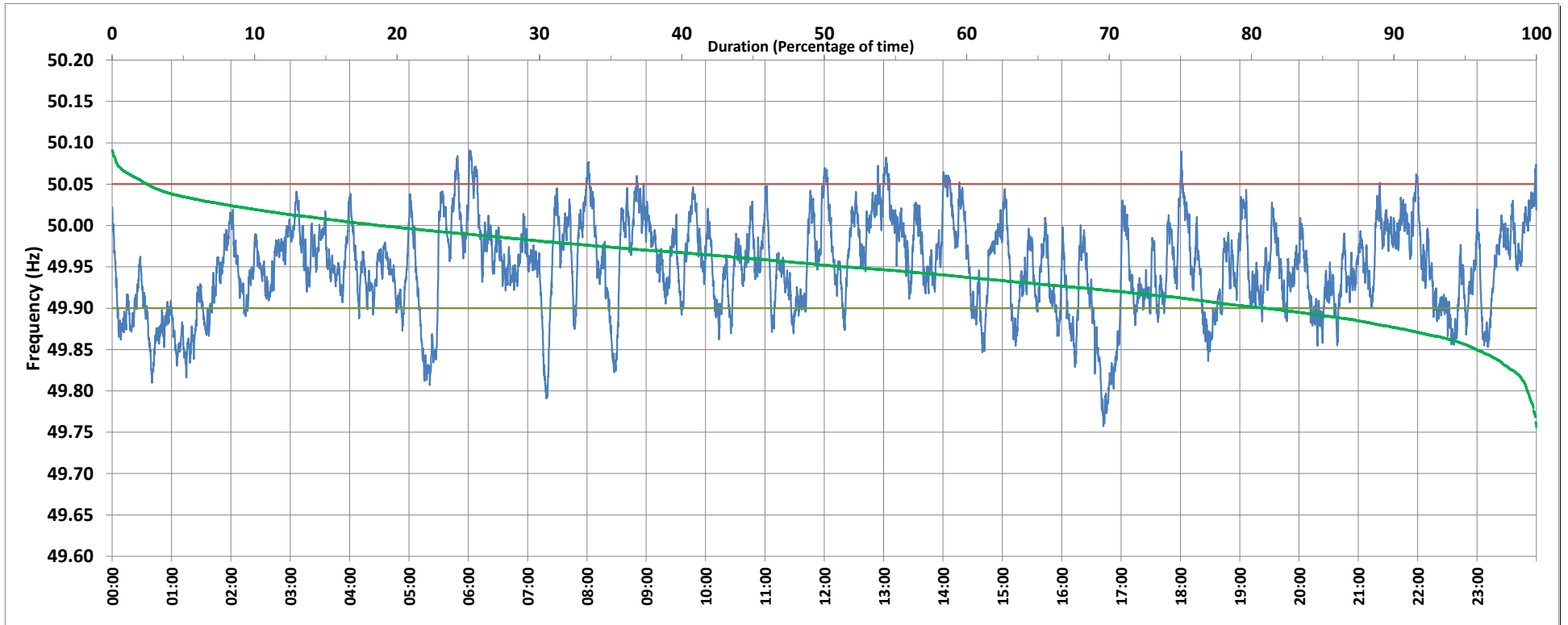


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Sep-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
0.0	19.0	62.2	0.6	18.3	62.2	18.8	0.0	78.6	100.0	31.4	2.5	18.8	6.4	2.5	0.0	48.4	49.1	29.4

Average Frequency : 49.950	Frequency Variation Index : 0.056	Standard Deviation : 0.055	Mileage: 44.7	FDI: 21.4
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Instantaneous Frequency	
Max	50.091 6:01:20
Min	49.757 16:42:10

15 minute Average Frequency	
Max	50.035 6:15:00
Min	49.831 17:00:00

No. of excursions	
above 50.03 Hz	68
below 49.97 Hz	157
above 50.00 Hz	124
below 50.00 Hz	124

Average time freq per excursion remains	
below 49.97	0:05:43
above 50.03	0:01:21

No. of hours freq outside 49.9-50.05 Hz	5:08:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)