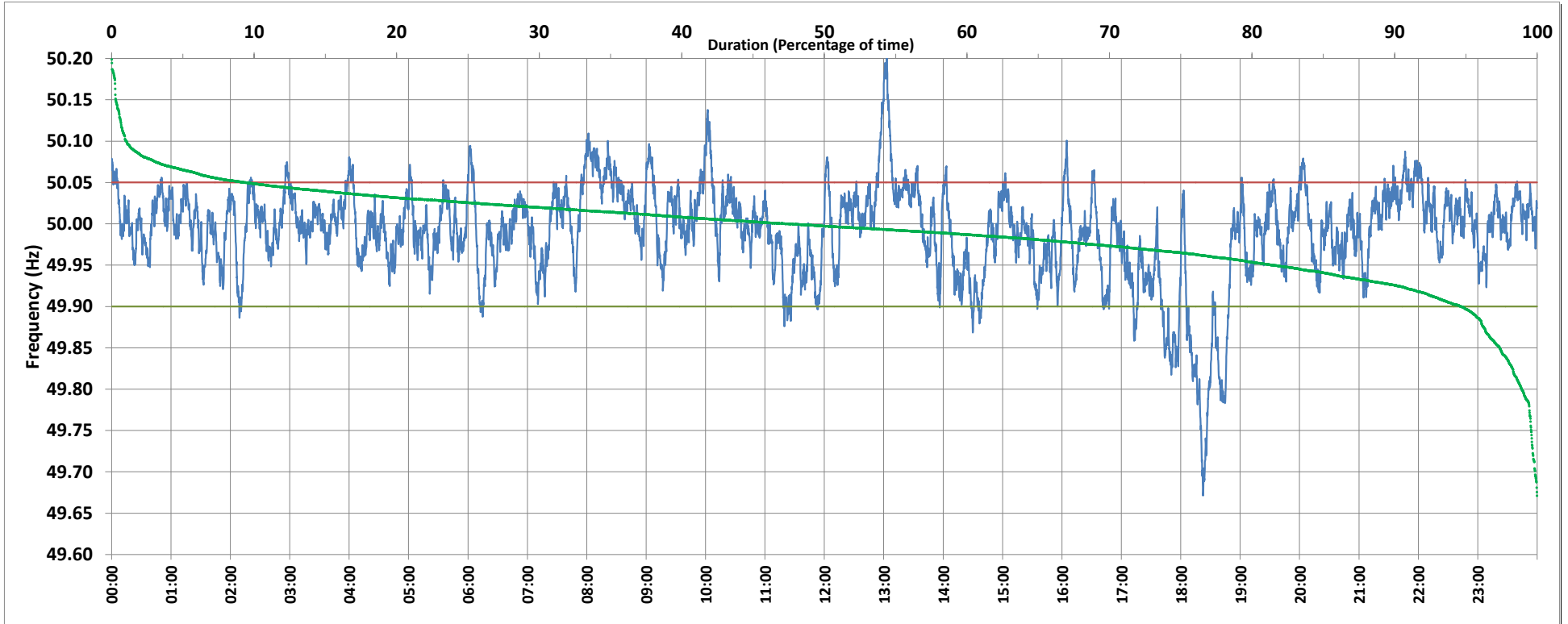


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Sep-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
0.1	5.3	27.9	0.9	4.2	47.0	46.6	1.0	85.3	99.8	50.7	8.4	47.5	21.4	9.4	0.0	18.5	72.1	13.2

Average Frequency : 49.991	Frequency Variation Index : 0.033	Standard Deviation : 0.056	Mileage: 46.2	FDI: 14.7
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Instantaneous Frequency		
Max	50.201	13:03:00
Min	49.671	18:22:30

15 minute Average Frequency		
Max	50.096	13:15:00
Min	49.761	18:30:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	141
above 50.00 Hz	214
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	3:31:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)