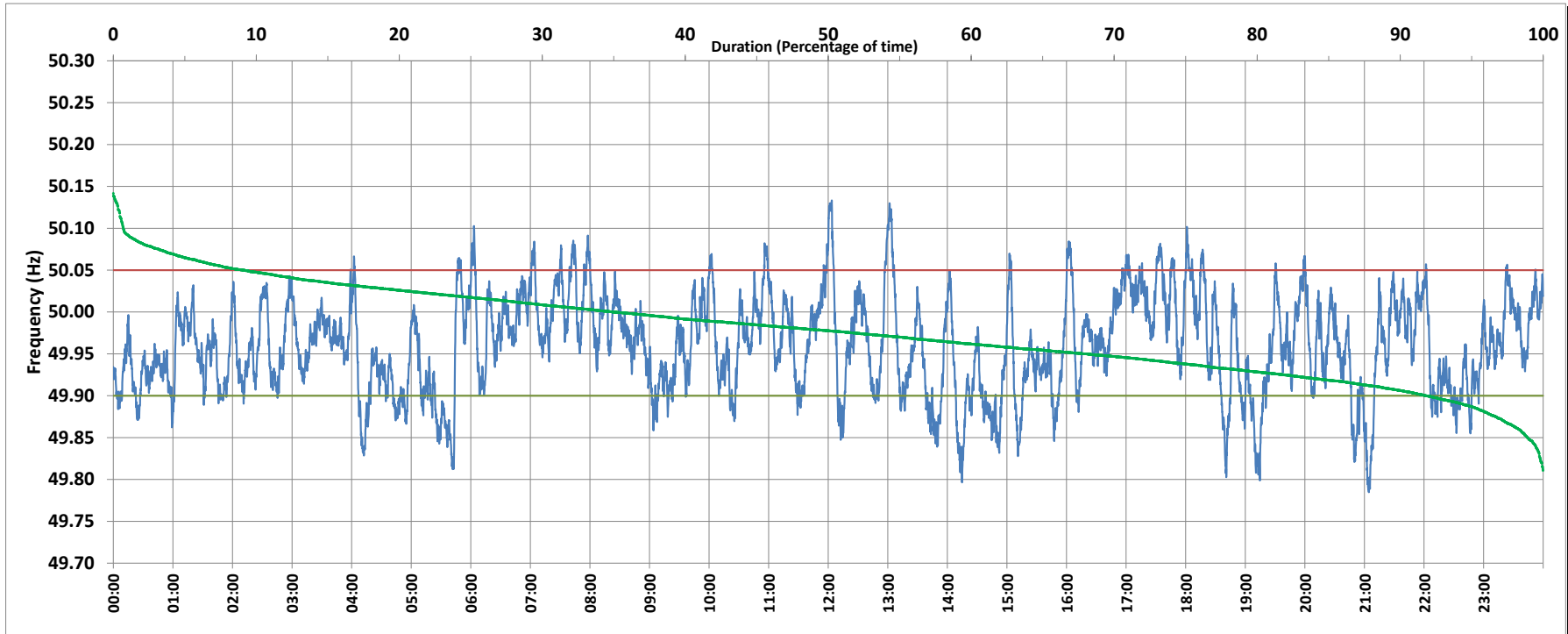


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jul-2018 (Monday)



<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	15.8	56.4	0.2	15.6	57.7	25.9	0.6	78.5	100.0	32.2	5.2	26.4	11.4	5.7	0.0	43.7	50.6	27.9

Average Frequency : 49.960	Frequency Variation Index : 0.050	Standard Deviation : 0.058	Mileage: 46.5	FDI: 21.5
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Instantaneous Frequency		
Max	50.133	12:03:30
Min	49.785	21:04:20

15 minute Average Frequency		
Max	50.035	17:15:00
Min	49.866	5:45:00

No. of excursions	
above 50.03 Hz	85
below 49.97 Hz	154
above 50.00 Hz	121
below 50.00 Hz	122

Average time freq per excursion remains	
below 49.97	0:05:16
above 50.03	0:01:56

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