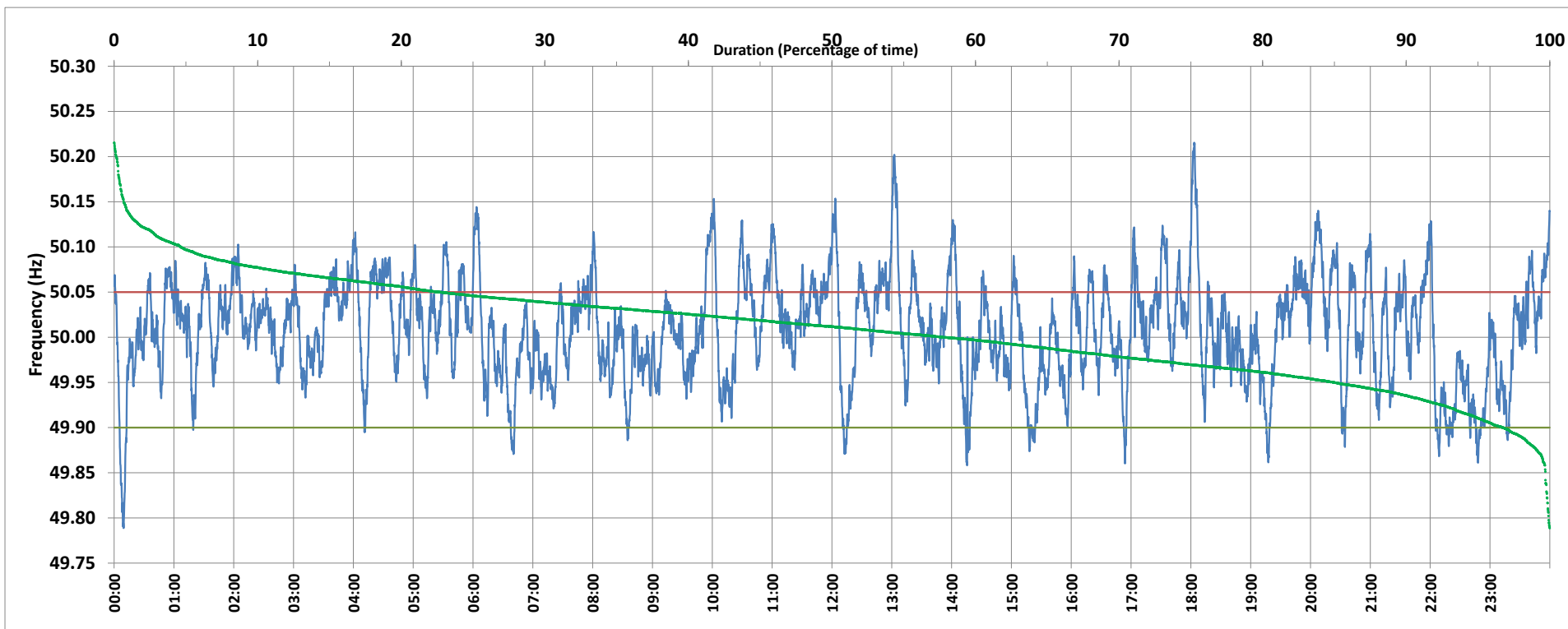


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Mar-2020 (Tuesday)



<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
0.00	3.25	25.20	0.08	3.17	38.88	53.24	4.48	74.10	99.85	38.32	18.09	57.72	36.48	22.65	0.15	15.03	62.31	11.78

Average Frequency : 50.009	Frequency Variation Index : 0.0330	Standard Deviation : 0.0568	Mileage: 48.8	FDI: 25.9
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Instantaneous Frequency		
Max	50.215	18:03:20
Min	49.789	0:09:30

15 minute Average Frequency		
Max	50.087	20:15:00
Min	49.917	15:30:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	145
above 50.00 Hz	165
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	6:13:00
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Source : SLPR4:Frequency 10 Sec. (8640 samples)