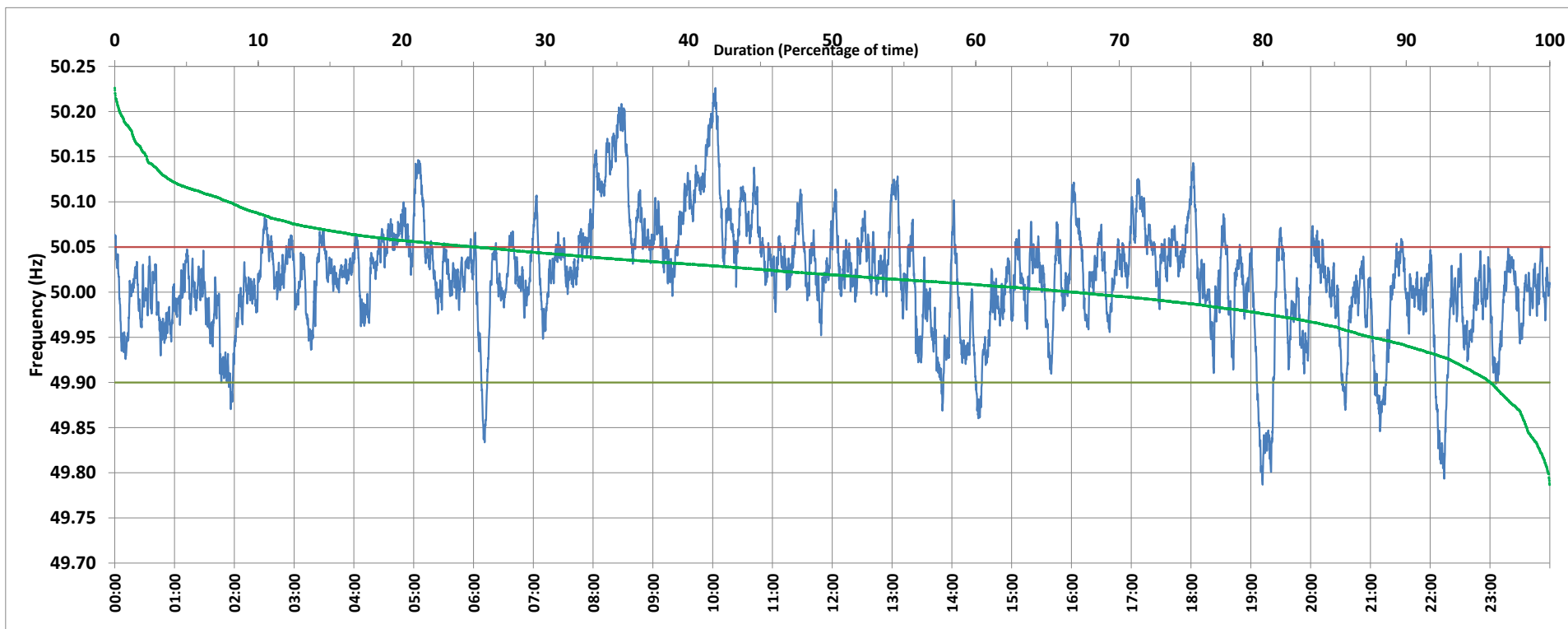


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jun-2020 (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
0.00	4.13	17.57	0.10	4.03	28.96	58.98	7.58	70.71	99.65	41.49	17.28	66.79	40.94	25.16	0.35	12.40	62.44	8.26

Average Frequency : 50.017	Frequency Variation Index : 0.0407	Standard Deviation : 0.0616	Mileage: 43.3	FDI: 29.3
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Instantaneous Frequency		
Max	50.226	10:02:40
Min	49.787	19:11:50

15 minute Average Frequency		
Max	50.170	8:30:00
Min	49.888	22:15:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	75
above 50.00 Hz	160
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:03:22
above 50.03	0:03:19

No. of hours freq outside 49.9-50.05 Hz	7:01:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)