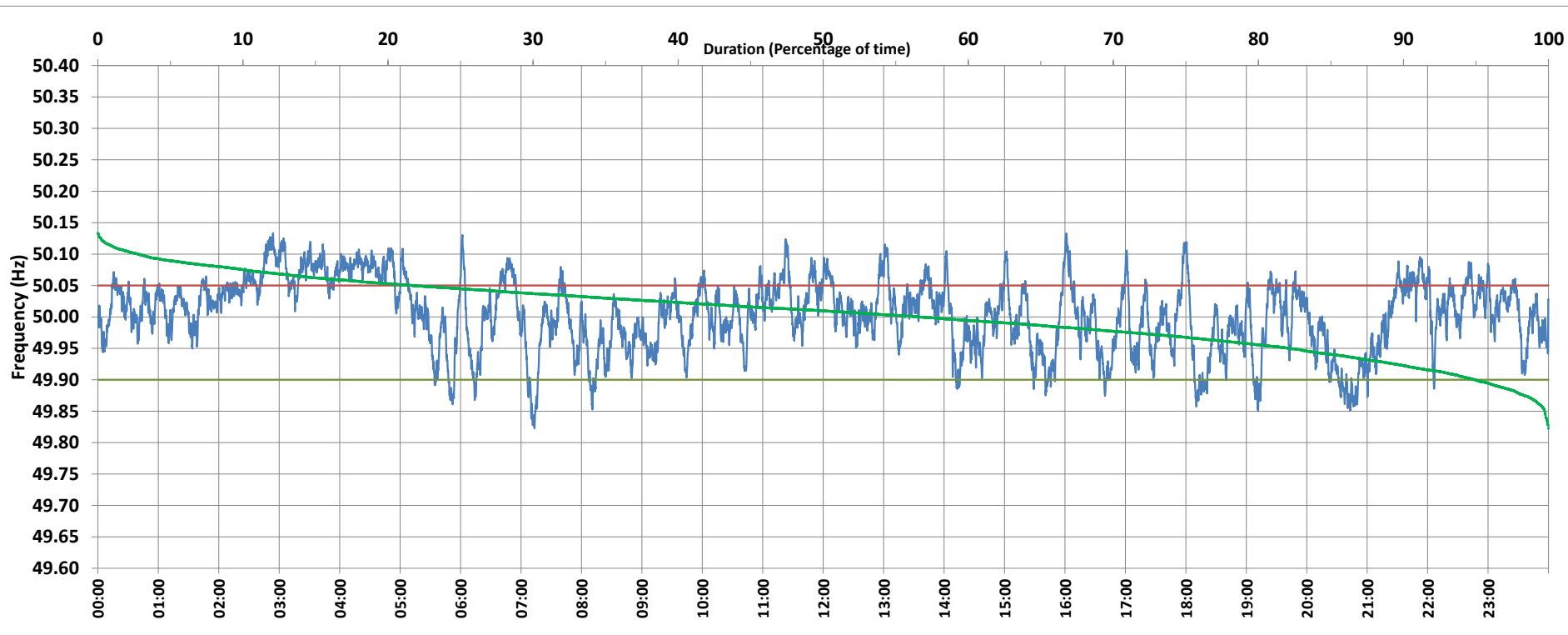


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Jul-2020 (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
0.00	5.05	26.11	0.00	5.05	38.29	53.90	2.77	73.30	100.00	38.97	18.94	56.60	34.92	21.66	0.00	17.82	60.52	12.78

Average Frequency : 50.004	Frequency Variation Index : 0.0323	Standard Deviation : 0.0567	Mileage: 47.1	FDI: 26.7
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Instantaneous Frequency		
Max	50.133	2:53:50
Min	49.823	7:13:20

15 minute Average Frequency		
Max	50.104	3:00:00
Min	49.886	20:45:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	130
above 50.00 Hz	151
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	6:24:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)