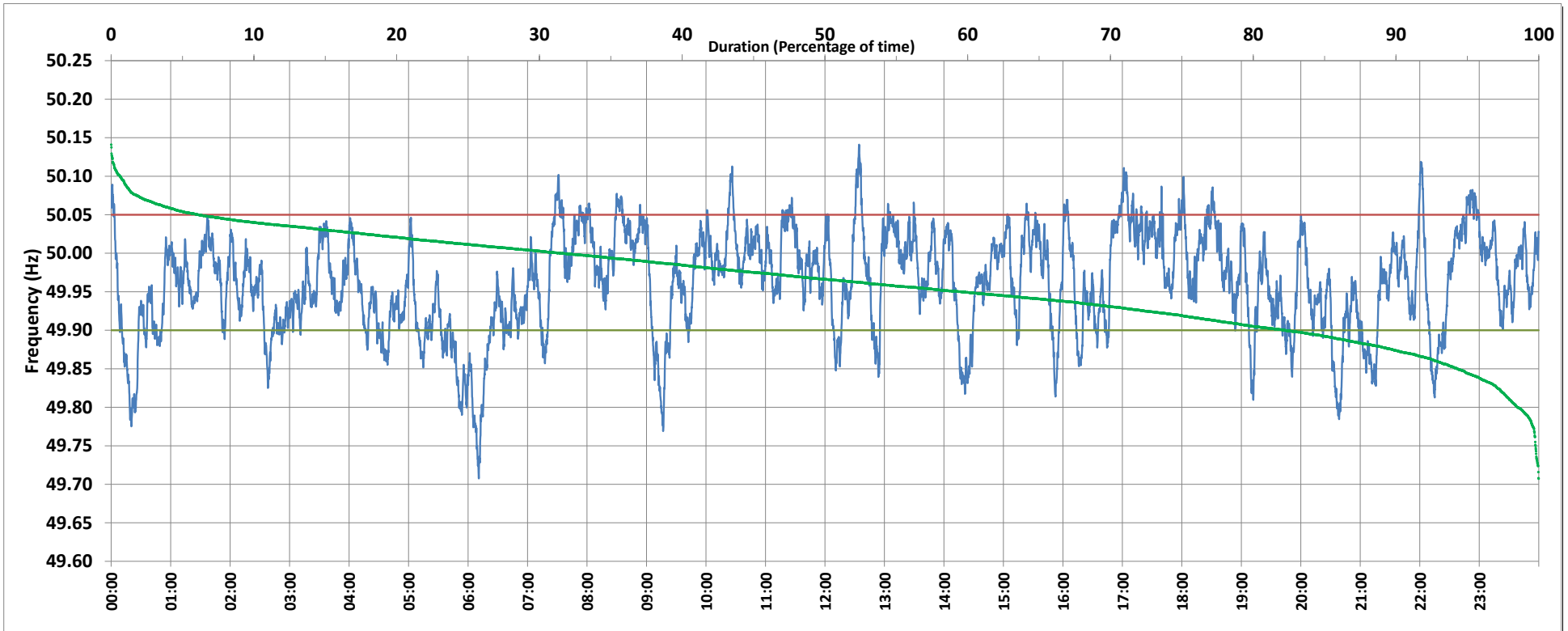


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jul-2019 (Thursday)



<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	17.72	52.07	1.48	16.24	50.67	30.98	0.63	76.16	100.00	32.77	5.54	31.57	15.16	6.12	0.00	40.37	53.51	22.65

Average Frequency : 49.962	Frequency Variation Index : 0.0574	Standard Deviation : 0.0654	Mileage: 44.7	FDI: 23.8
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Instantaneous Frequency		
Max	50.141	12:34:20
Min	49.708	6:10:50

15 minute Average Frequency		
Max	50.059	17:15:00
Min	49.789	6:15:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	127
above 50.00 Hz	132
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:05:54
above 50.03	0:01:51

No. of hours freq outside 49.9-50.05 Hz	5:43:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)