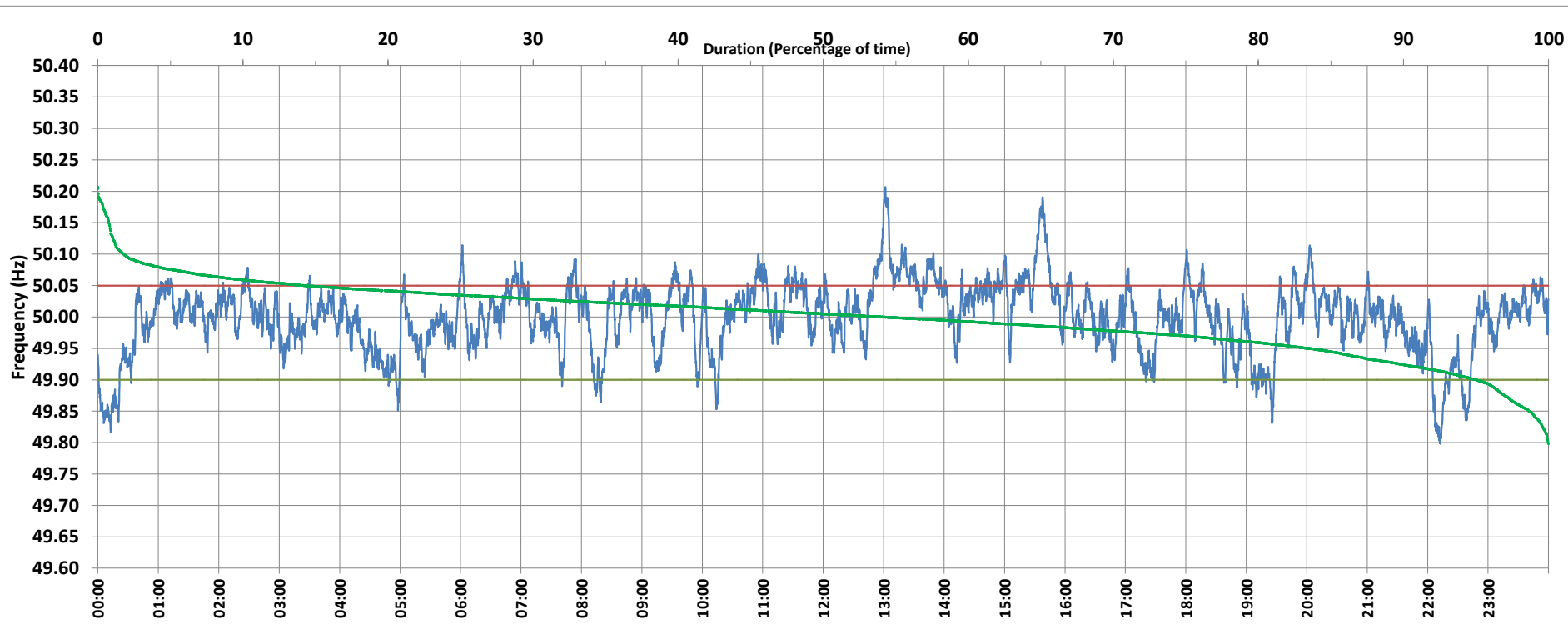


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jul-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	4.98	24.98	0.03	4.94	40.83	52.41	1.76	80.81	99.98	46.05	12.50	54.07	28.97	14.21	0.02	16.49	69.29	11.52

Average Frequency : 49.999	Frequency Variation Index : 0.0304	Standard Deviation : 0.0551	Mileage: 45.8	FDI: 19.2
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Instantaneous Frequency		
Max	50.207	13:01:30
Min	49.798	22:12:30

15 minute Average Frequency		
Max	50.131	15:45:00
Min	49.855	0:15:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	137
above 50.00 Hz	191
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:38
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	4:36:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)