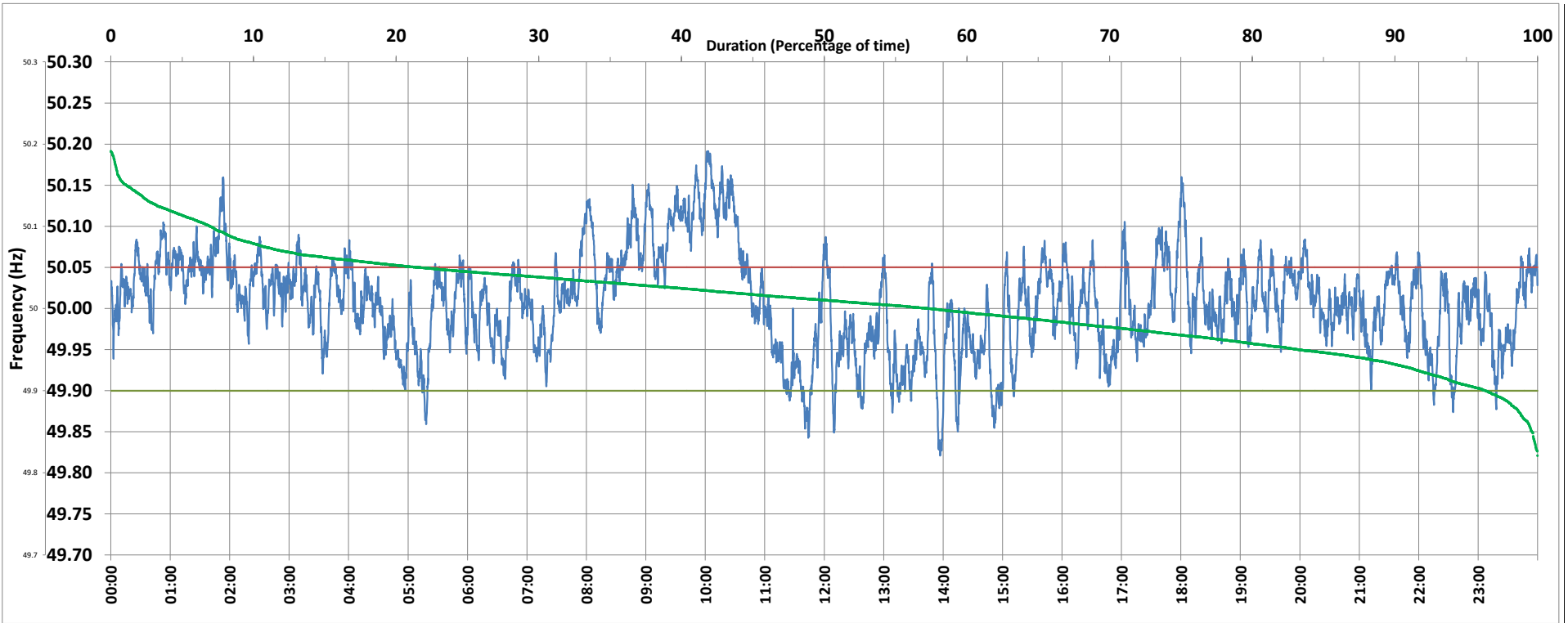


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-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	3.63	26.17	0.00	3.63	39.00	50.38	6.98	74.85	100.00	37.87	14.65	57.22	35.96	21.52	0.00	16.77	61.71	13.14

Average Frequency : 50.008	Frequency Variation Index : 0.0360	Standard Deviation : 0.0595	Mileage: 45.5	FDI: 25.2
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Instantaneous Frequency		
Max	50.191	10:02:40
Min	49.821	13:57:00

15 minute Average Frequency		
Max	50.148	10:15:00
Min	49.899	11:45:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	125
above 50.00 Hz	146
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	6:02:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)