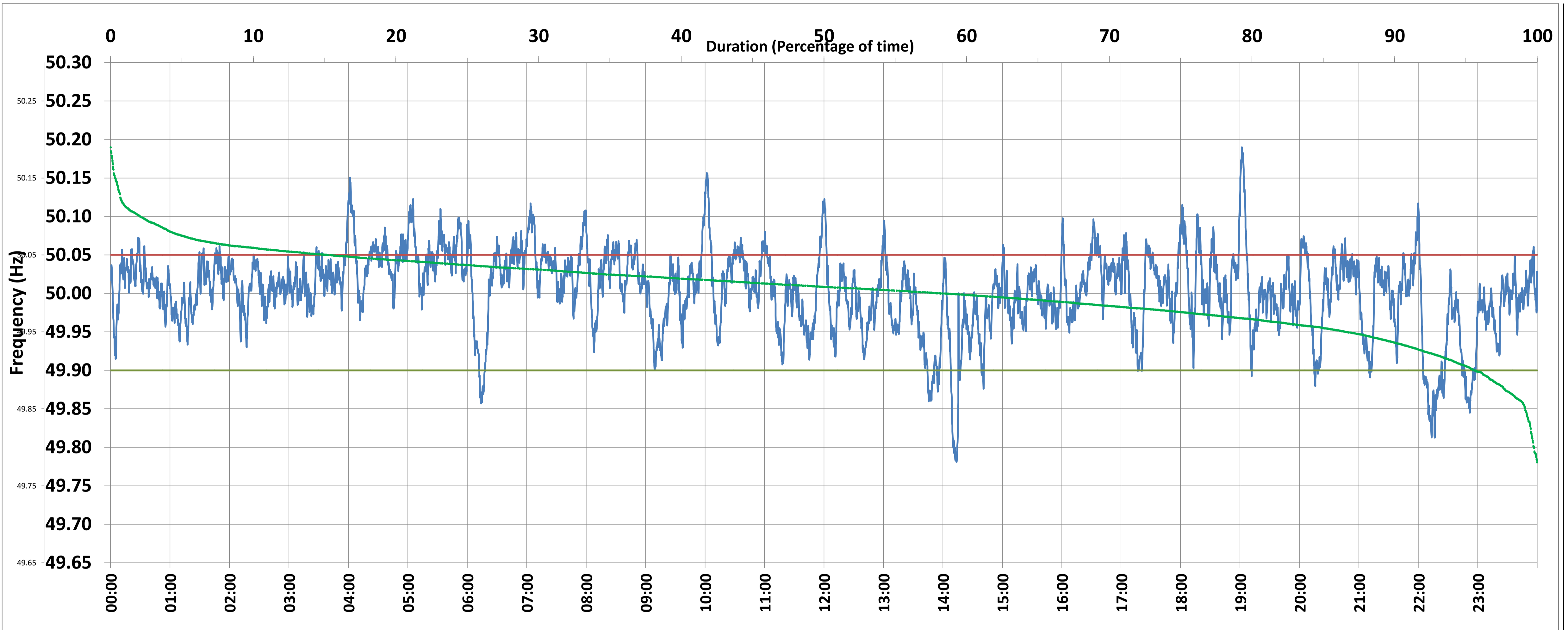


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-May-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	4.36	21.78	0.23	4.13	37.16	56.38	2.09	80.37	100.00	47.31	13.32	58.30	30.90	15.27	0.00	13.40	71.33	9.04

Average Frequency : 50.003	Frequency Variation Index : 0.0271	Standard Deviation : 0.0520	Mileage: 44.6	FDI: 19.6
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Instantaneous Frequency		
Max	50.190	19:01:50
Min	49.781	14:13:50

15 minute Average Frequency		
Max	50.062	7:15:00
Min	49.886	22:30:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	106
above 50.00 Hz	193
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	4:42:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)