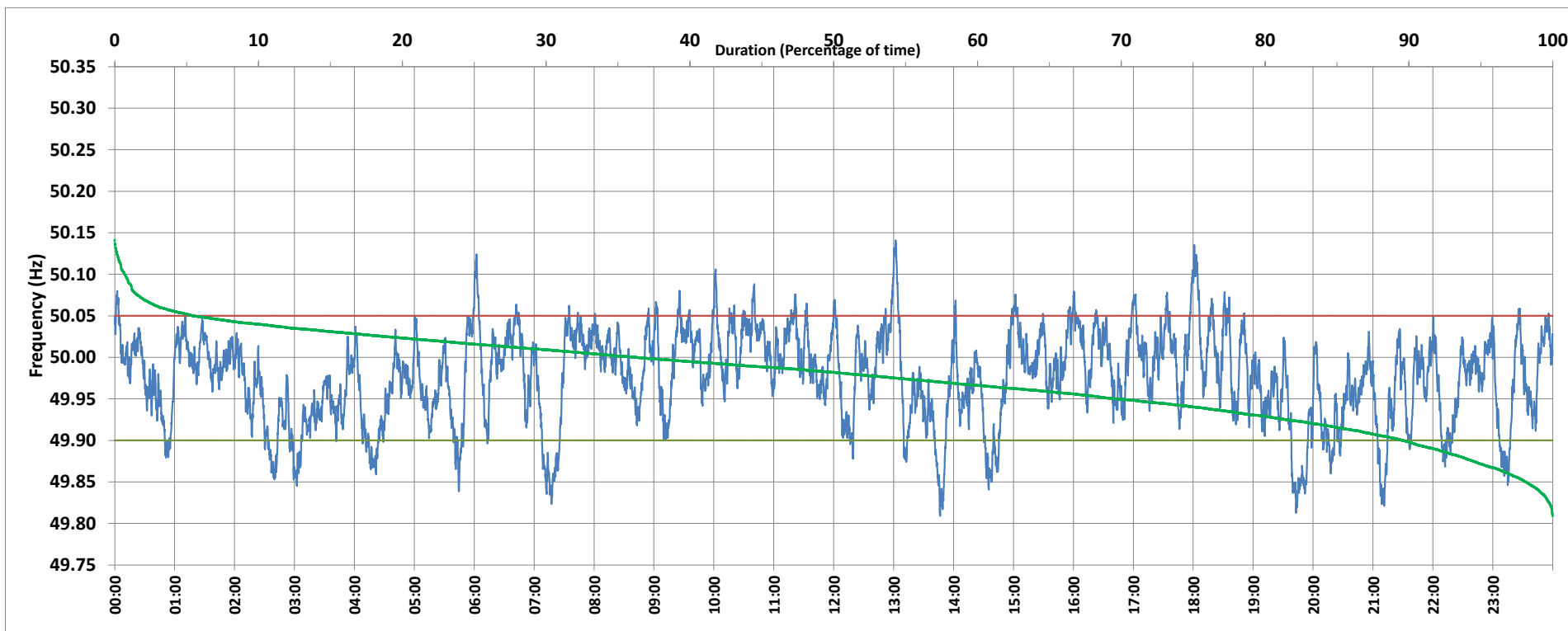


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jun-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	10.42	42.33	0.00	10.42	53.22	35.66	0.71	84.11	100.00	41.90	4.81	36.30	15.78	5.47	0.00	30.20	64.33	19.78

Average Frequency : 49.975	Frequency Variation Index : 0.0362	Standard Deviation : 0.0549	Mileage: 43.9	FDI: 15.9
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Instantaneous Frequency		
Max	50.141	13:01:50
Min	49.809	13:46:30

15 minute Average Frequency		
Max	50.043	10:45:00
Min	49.877	14:45:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	147
above 50.00 Hz	155
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:04:09
above 50.03	0:01:37

No. of hours freq outside 49.9-50.05 Hz	3:48:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)