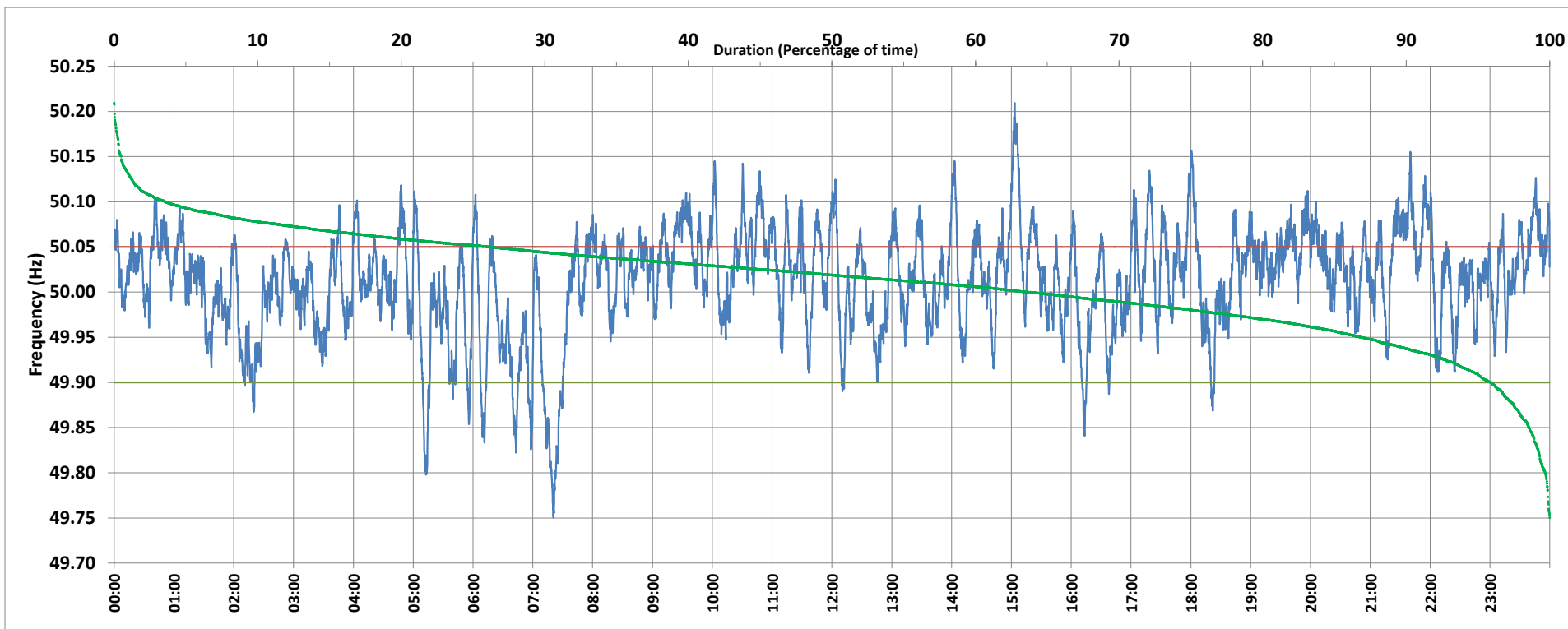


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jan-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	4.10	20.03	0.31	3.78	32.08	60.27	3.53	69.86	99.98	39.04	22.57	63.63	40.93	26.04	0.02	13.14	60.82	9.04

Average Frequency : 50.012	Frequency Variation Index : 0.0352	Standard Deviation : 0.0581	Mileage: 52.5	FDI: 30.1
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Instantaneous Frequency		
Max	50.209	15:03:10
Min	49.750	7:20:30

15 minute Average Frequency		
Max	50.097	15:15:00
Min	49.826	7:30:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	114
above 50.00 Hz	159
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	7:14:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)