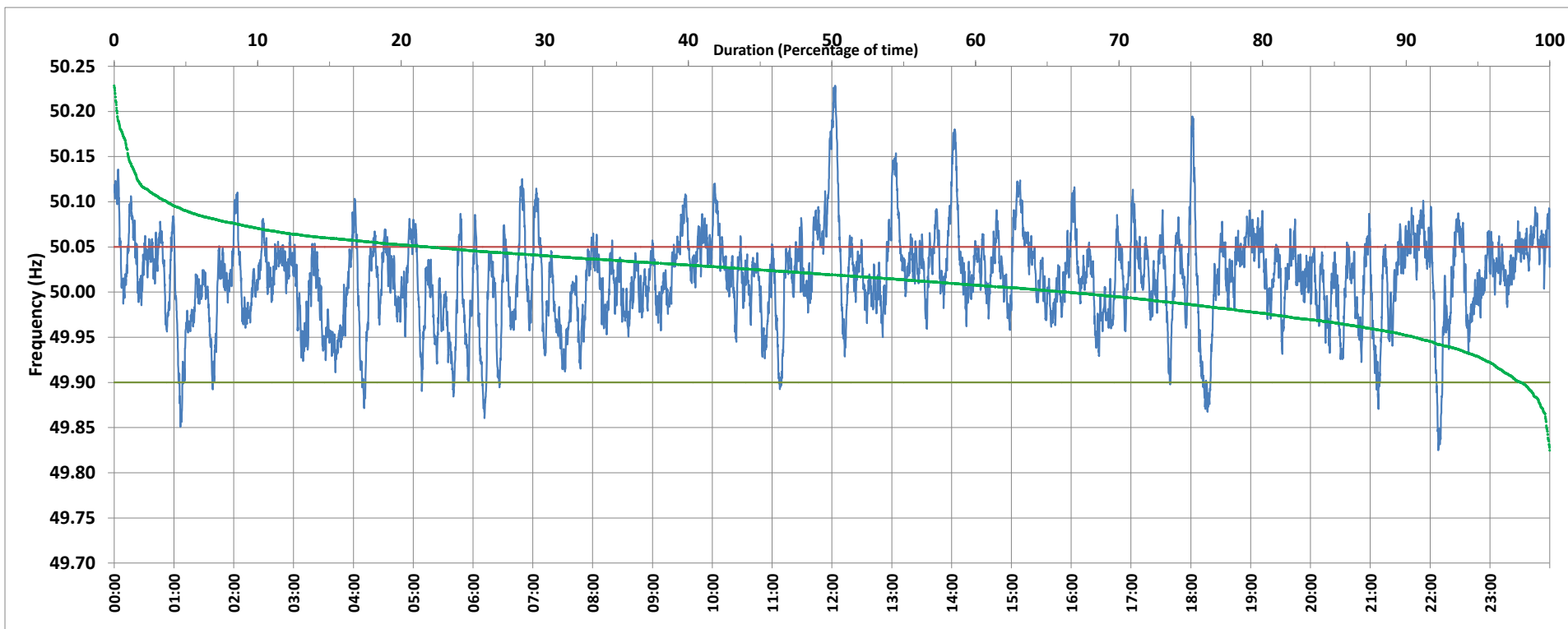


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jan-2020 (Wednesday)



<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	2.04	16.91	0.00	2.04	31.50	62.78	3.47	76.16	99.79	43.23	18.17	66.28	39.86	21.81	0.21	9.43	68.76	7.40

Average Frequency : 50.015	Frequency Variation Index : 0.0276	Standard Deviation : 0.0502	Mileage: 52.8	FDI: 23.8
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Instantaneous Frequency		
Max	50.229	12:03:10
Min	49.825	22:08:10

15 minute Average Frequency		
Max	50.093	12:00:00
Min	49.940	1:15:00

No. of excursions	
above 50.03 Hz	249
below 49.97 Hz	121
above 50.00 Hz	198
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:01
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:43:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)