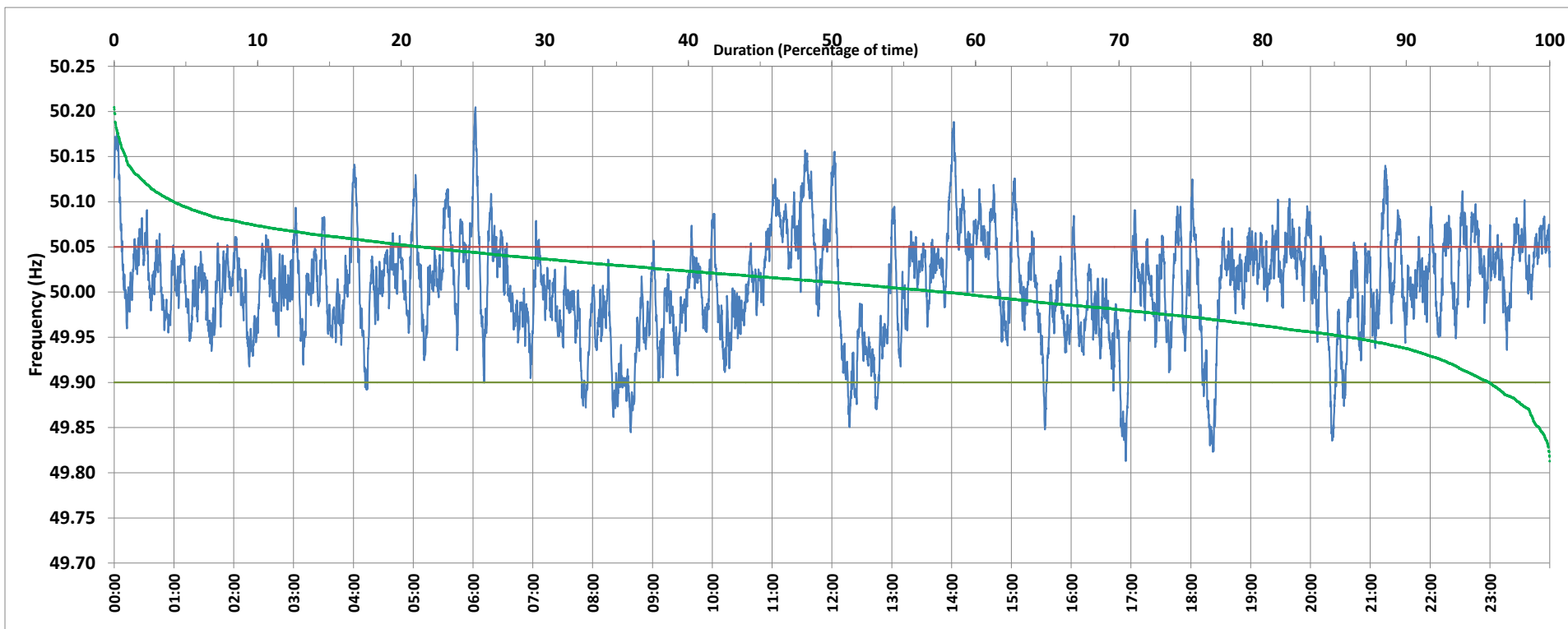


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jan-2020 (Sunday)



<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	4.22	23.63	0.00	4.22	37.97	53.65	4.13	74.44	99.98	41.64	17.33	57.64	34.72	21.33	0.02	13.95	64.72	9.72

Average Frequency : 50.007	Frequency Variation Index : 0.0325	Standard Deviation : 0.0566	Mileage: 54.8	FDI: 25.6
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Instantaneous Frequency		
Max	50.205	6:02:20
Min	49.813	16:54:40

15 minute Average Frequency		
Max	50.101	14:15:00
Min	49.896	8:45:00

No. of excursions	
above 50.03 Hz	201
below 49.97 Hz	157
above 50.00 Hz	194
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	6:08:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)