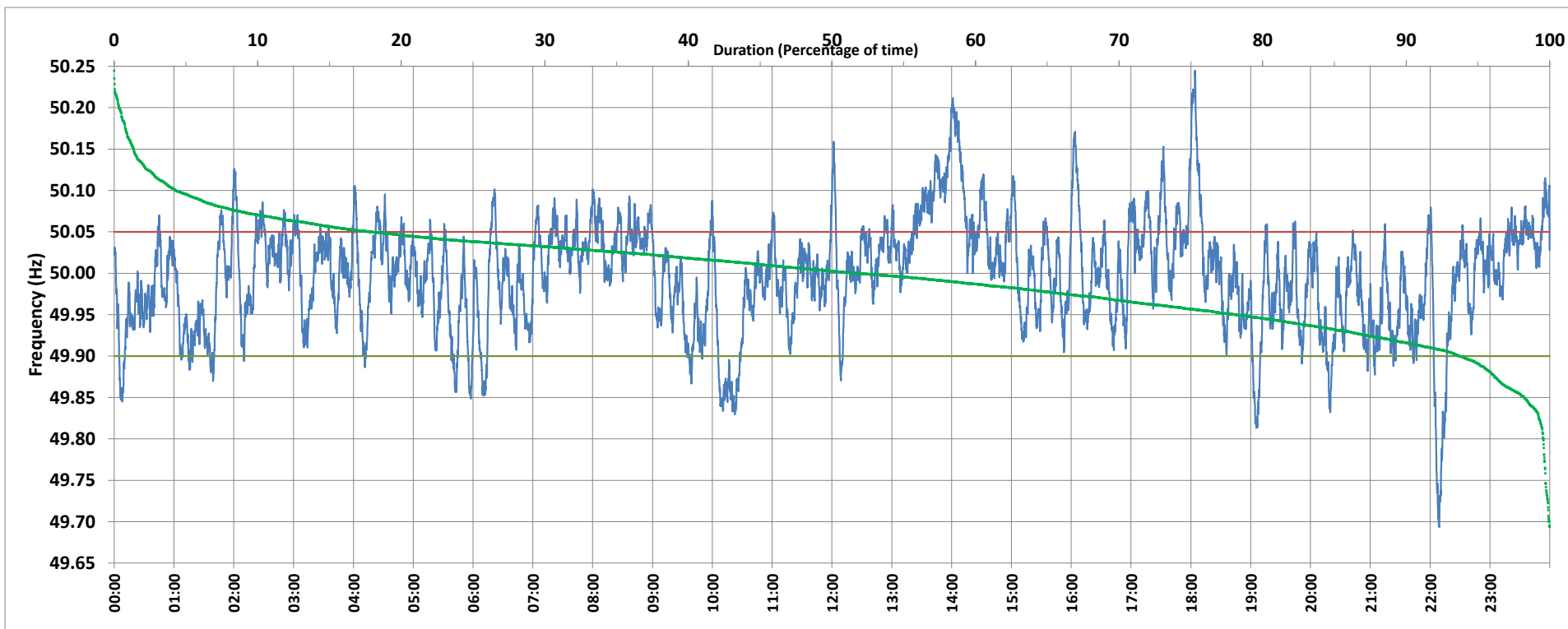


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-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
0.05	6.30	31.13	0.41	5.84	41.90	47.52	3.95	75.82	99.62	37.25	13.66	51.66	31.62	17.88	0.34	21.84	60.28	15.54

Average Frequency : 49.998	Frequency Variation Index : 0.0423	Standard Deviation : 0.0651	Mileage: 52.0	FDI: 24.2
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Instantaneous Frequency		
Max	50.245	18:04:10
Min	49.694	22:09:00

15 minute Average Frequency		
Max	50.147	14:15:00
Min	49.838	22:15:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	121
above 50.00 Hz	178
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:03:42
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	5:48:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)