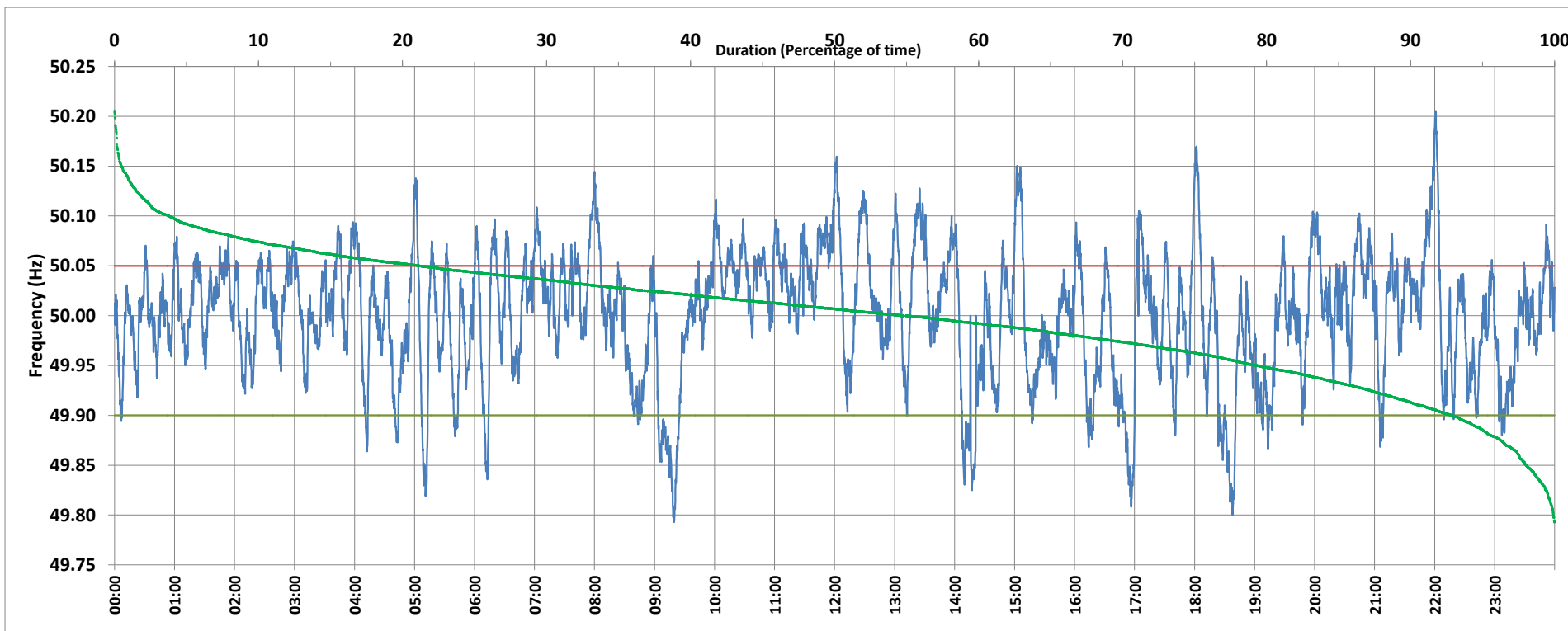


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Feb-2020 (Saturday)



<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	7.13	28.30	0.08	7.05	37.91	51.19	3.74	71.72	99.97	38.23	17.40	54.72	33.47	21.15	0.03	20.65	58.21	13.52

Average Frequency : 50.000	Frequency Variation Index : 0.0397	Standard Deviation : 0.0630	Mileage: 50.6	FDI: 28.3
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Instantaneous Frequency		
Max	50.205	22:01:00
Min	49.793	9:19:20

15 minute Average Frequency		
Max	50.080	12:00:00
Min	49.871	17:00:00

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	116
above 50.00 Hz	174
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	6:47:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)