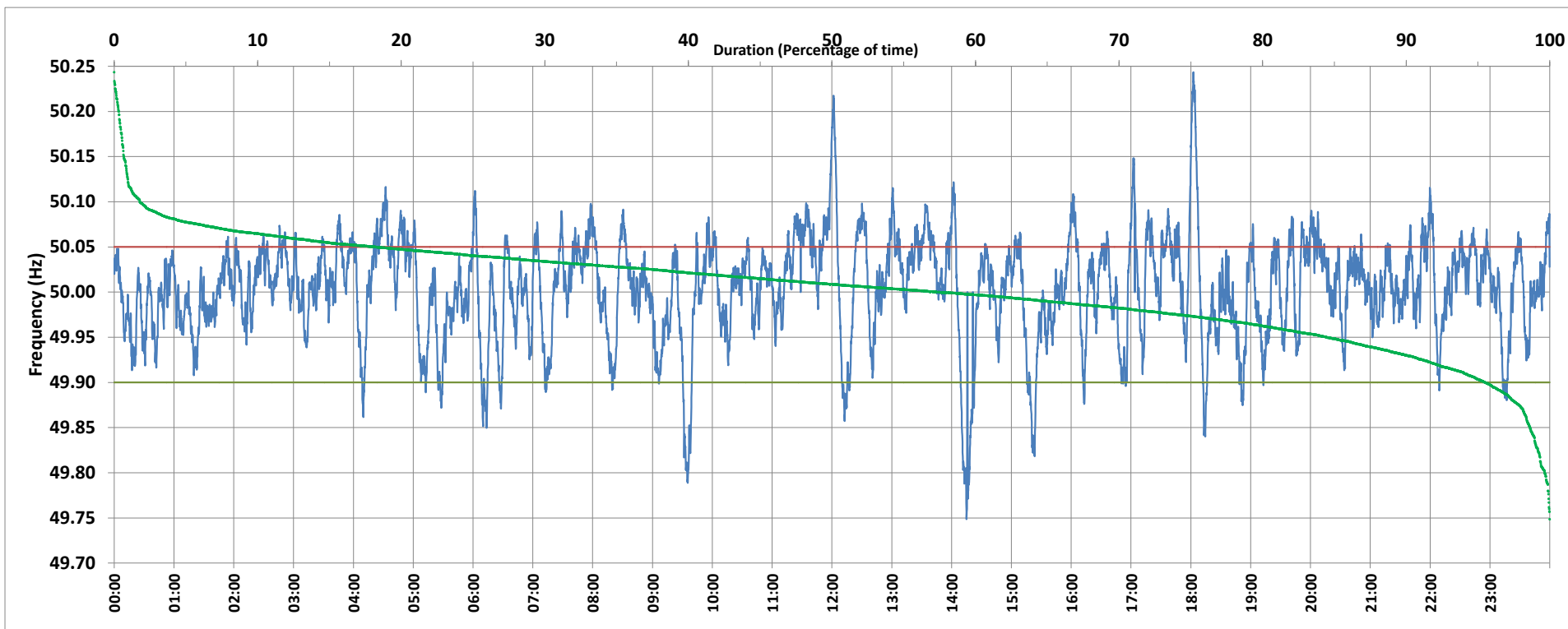


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Feb-2020 (Thursday)



<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	4.51	23.26	0.35	4.17	38.06	55.65	1.46	77.33	99.68	43.44	16.40	57.25	33.30	18.16	0.32	15.52	66.32	11.01

Average Frequency : 50.003	Frequency Variation Index : 0.0315	Standard Deviation : 0.0561	Mileage: 49.9	FDI: 22.7
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Instantaneous Frequency		
Max	50.243	18:02:30
Min	49.749	14:15:00

15 minute Average Frequency		
Max	50.065	12:00:00
Min	49.896	9:45:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	125
above 50.00 Hz	208
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	5:26:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)