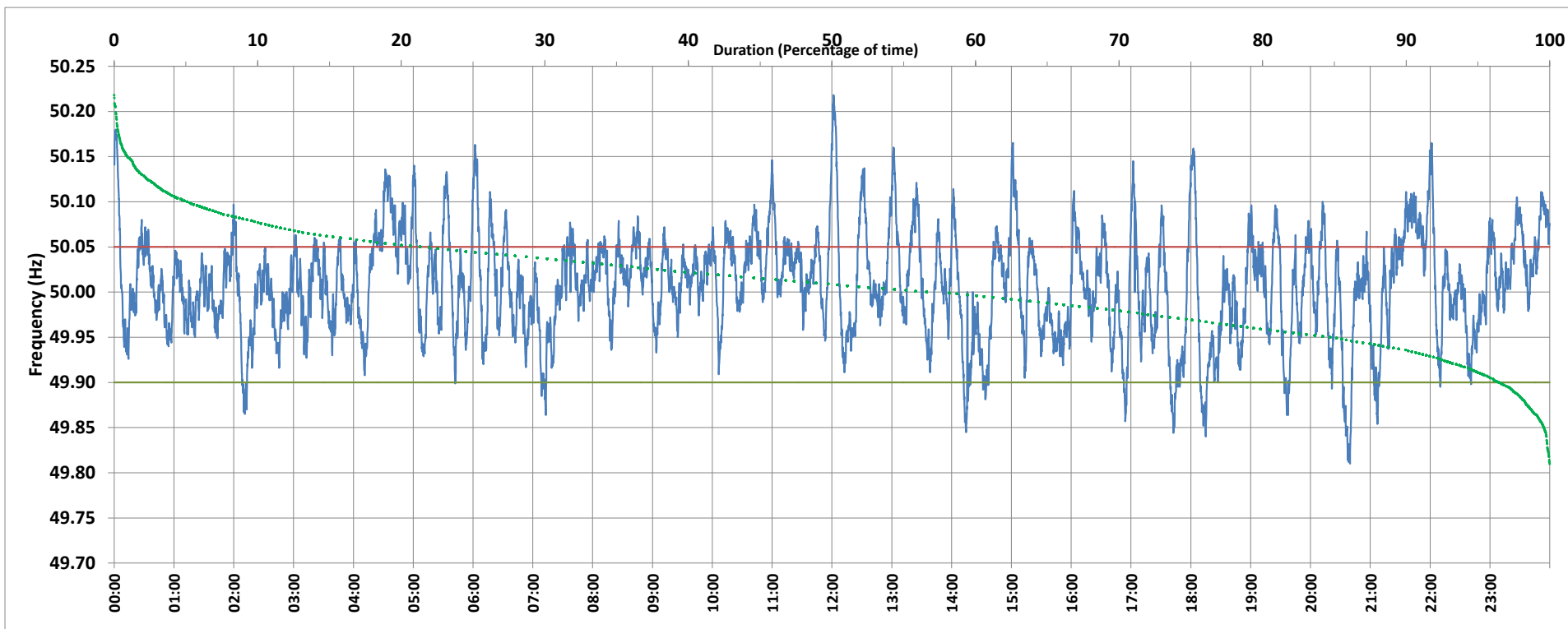


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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	3.41	24.93	0.00	3.41	38.41	52.91	5.15	75.29	99.88	40.46	16.88	56.59	34.61	21.30	0.12	14.86	63.84	11.45

Average Frequency : 50.008	Frequency Variation Index : 0.0334	Standard Deviation : 0.0573	Mileage: 51.0	FDI: 24.7
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Instantaneous Frequency		
Max	50.218	12:01:40
Min	49.810	20:39:30

15 minute Average Frequency		
Max	50.093	4:45:00
Min	49.894	20:45:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	121
above 50.00 Hz	119
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:03:34

No. of hours freq outside 49.9-50.05 Hz	5:55:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)