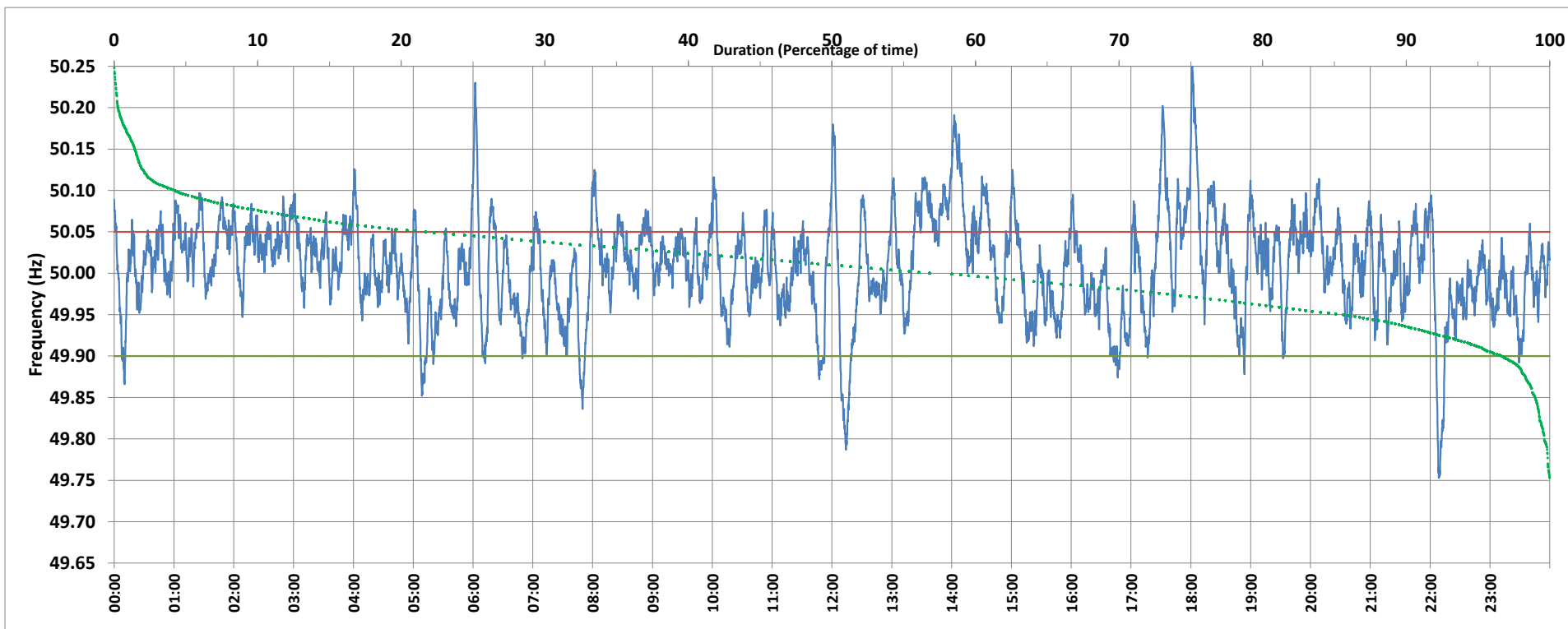


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Feb-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	3.22	23.63	0.38	2.84	38.45	54.03	4.03	75.08	99.72	40.72	18.03	56.81	35.65	21.70	0.28	14.00	64.29	10.79

Average Frequency : 50.008	Frequency Variation Index : 0.0352	Standard Deviation : 0.0588	Mileage: 48.2	FDI: 24.9
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Instantaneous Frequency		
Max	50.251	18:01:10
Min	49.753	22:08:40

15 minute Average Frequency		
Max	50.125	14:15:00
Min	49.899	22:15:00

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	109
above 50.00 Hz	110
below 50.00 Hz	98

Average time freq per excursion remains	
below 49.97	0:03:07
above 50.03	0:03:14

No. of hours freq outside 49.9-50.05 Hz	5:58:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)