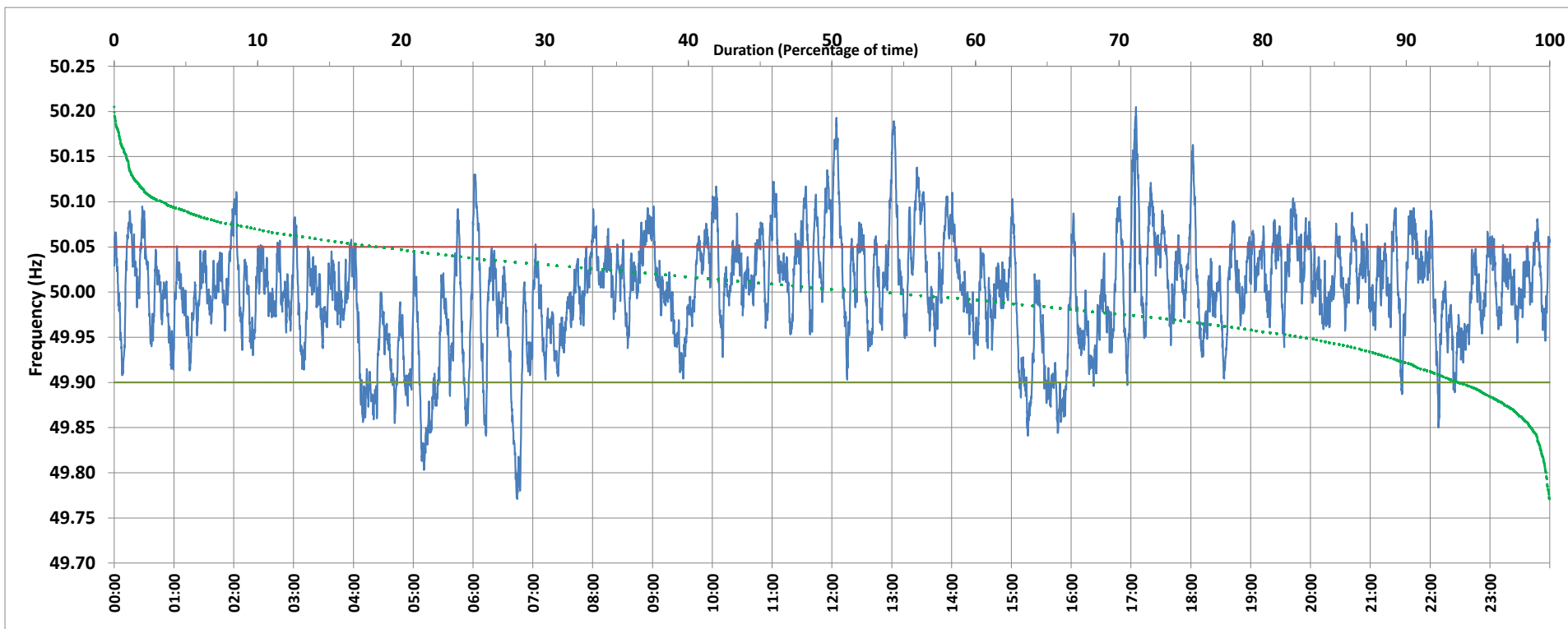


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jan-2020 (Monday)



<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	6.24	26.15	0.24	6.00	39.71	50.58	3.46	75.53	99.99	43.62	15.47	52.34	30.23	18.23	0.01	16.96	64.81	10.72

Average Frequency : 50.000	Frequency Variation Index : 0.0353	Standard Deviation : 0.0594	Mileage: 54.2	FDI: 24.5
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Instantaneous Frequency		
Max	50.205	17:04:50
Min	49.771	6:44:10

15 minute Average Frequency		
Max	50.075	12:15:00
Min	49.900	5:15:00

No. of excursions	
above 50.03 Hz	180
below 49.97 Hz	127
above 50.00 Hz	155
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	5:52:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)