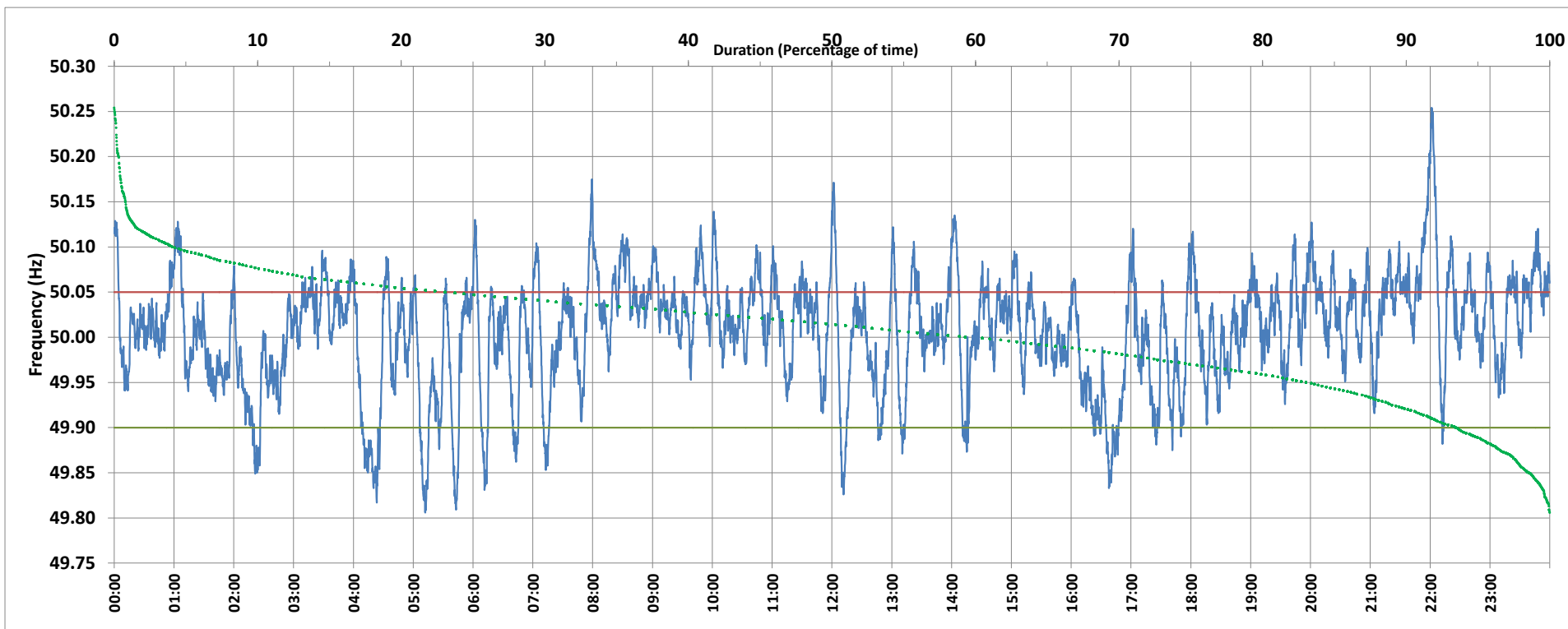


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Feb-2020 (Tuesday)



<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	6.41	24.57	0.00	6.41	33.13	56.24	3.90	70.56	99.68	37.04	19.69	59.28	38.39	23.03	0.32	16.62	60.35	10.21

Average Frequency : 50.007	Frequency Variation Index : 0.0389	Standard Deviation : 0.0620	Mileage: 51.3	FDI: 29.4
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Instantaneous Frequency		
Max	50.254	22:01:30
Min	49.806	5:12:00

15 minute Average Frequency		
Max	50.103	22:00:00
Min	49.883	4:30:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	105
above 50.00 Hz	138
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:03:22
above 50.03	0:03:20

No. of hours freq outside 49.9-50.05 Hz	7:04:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)