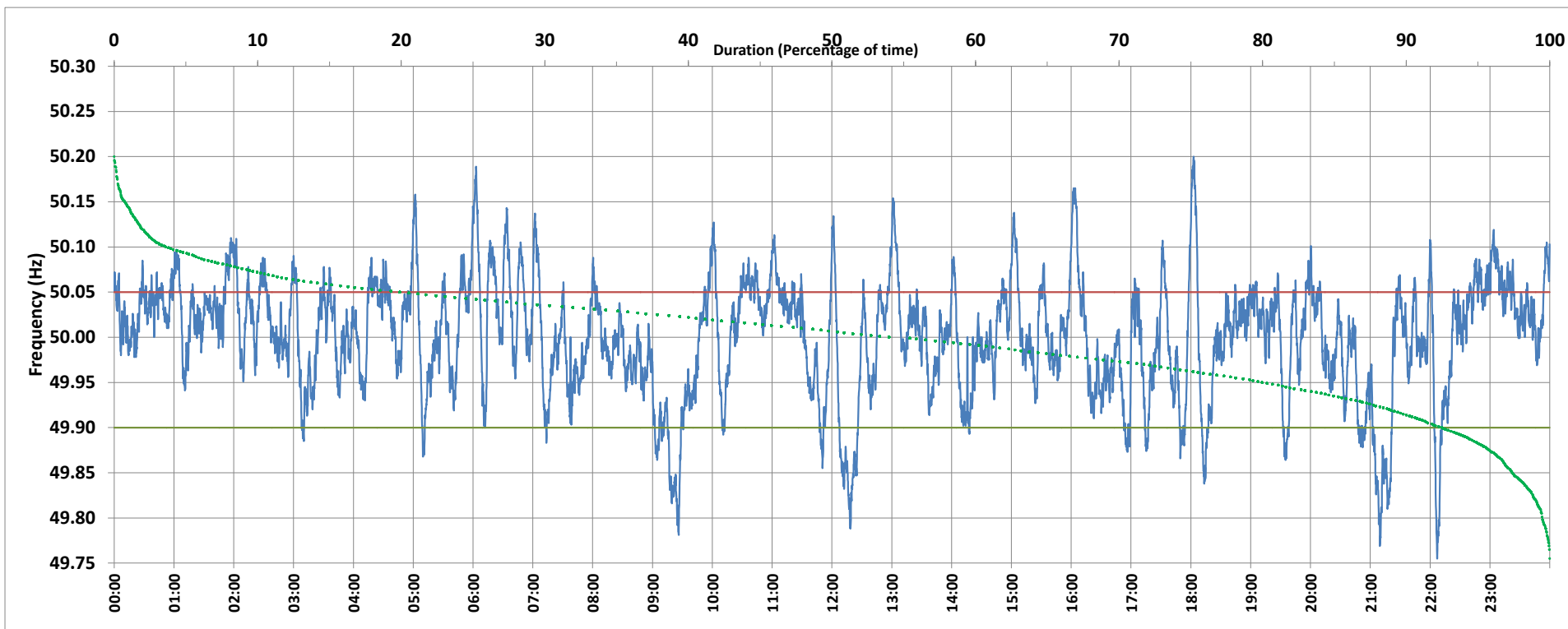


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	7.44	27.88	0.51	6.93	37.14	51.63	3.77	72.69	99.99	37.88	16.94	53.96	34.24	19.87	0.01	19.70	60.43	12.26

Average Frequency : 50.000	Frequency Variation Index : 0.0411	Standard Deviation : 0.0642	Mileage: 50.1	FDI: 27.3
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Instantaneous Frequency		
Max	50.200	18:02:40
Min	49.755	22:07:00

15 minute Average Frequency		
Max	50.085	16:15:00
Min	49.845	9:30:00

No. of excursions	
above 50.03 Hz	141
below 49.97 Hz	98
above 50.00 Hz	114
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	6:33:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)