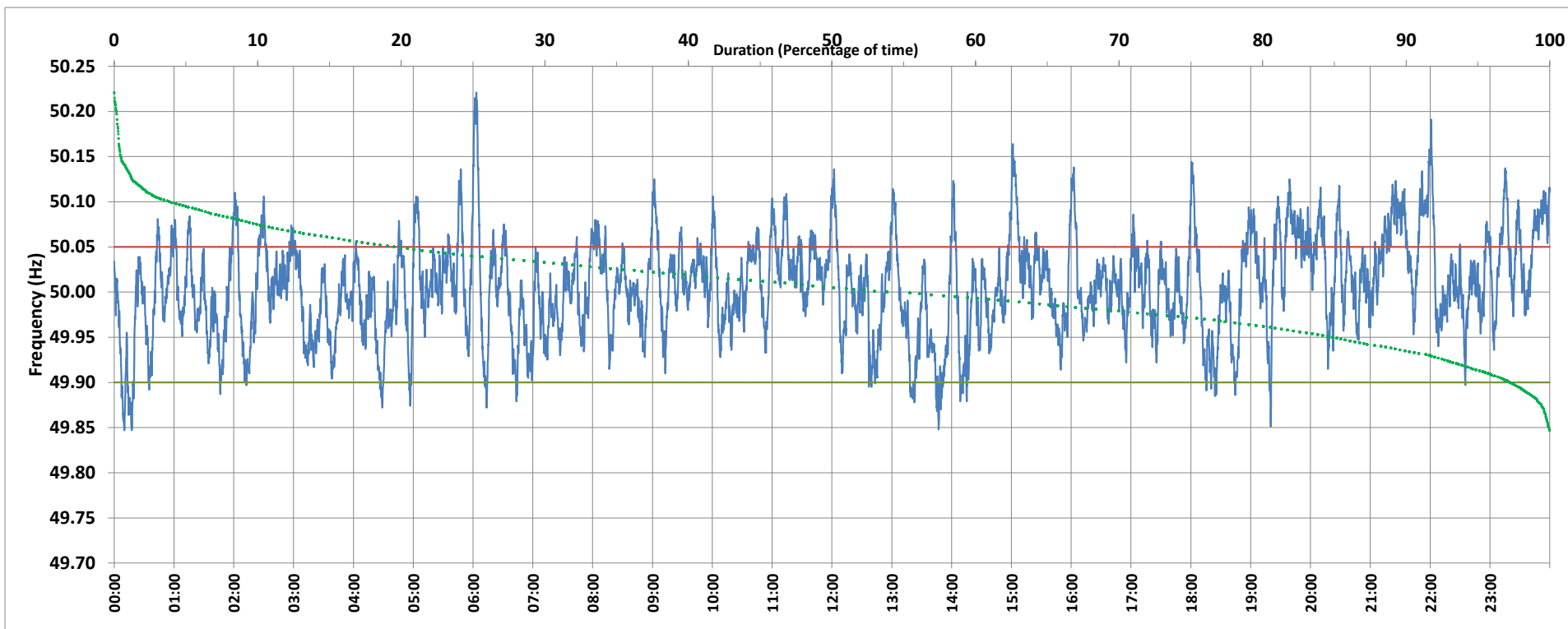


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jan-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	2.67	23.39	0.00	2.67	41.90	51.41	3.84	77.86	99.83	44.70	16.10	53.83	31.91	19.47	0.17	14.85	65.68	12.18

Average Frequency : 50.006	Frequency Variation Index : 0.0294	Standard Deviation : 0.0540	Mileage: 53.6	FDI: 22.1
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Instantaneous Frequency		
Max	50.221	6:03:20
Min	49.847	0:10:10

15 minute Average Frequency		
Max	50.086	0:00:00
Min	49.928	13:30:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	122
above 50.00 Hz	146
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	5:18:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)