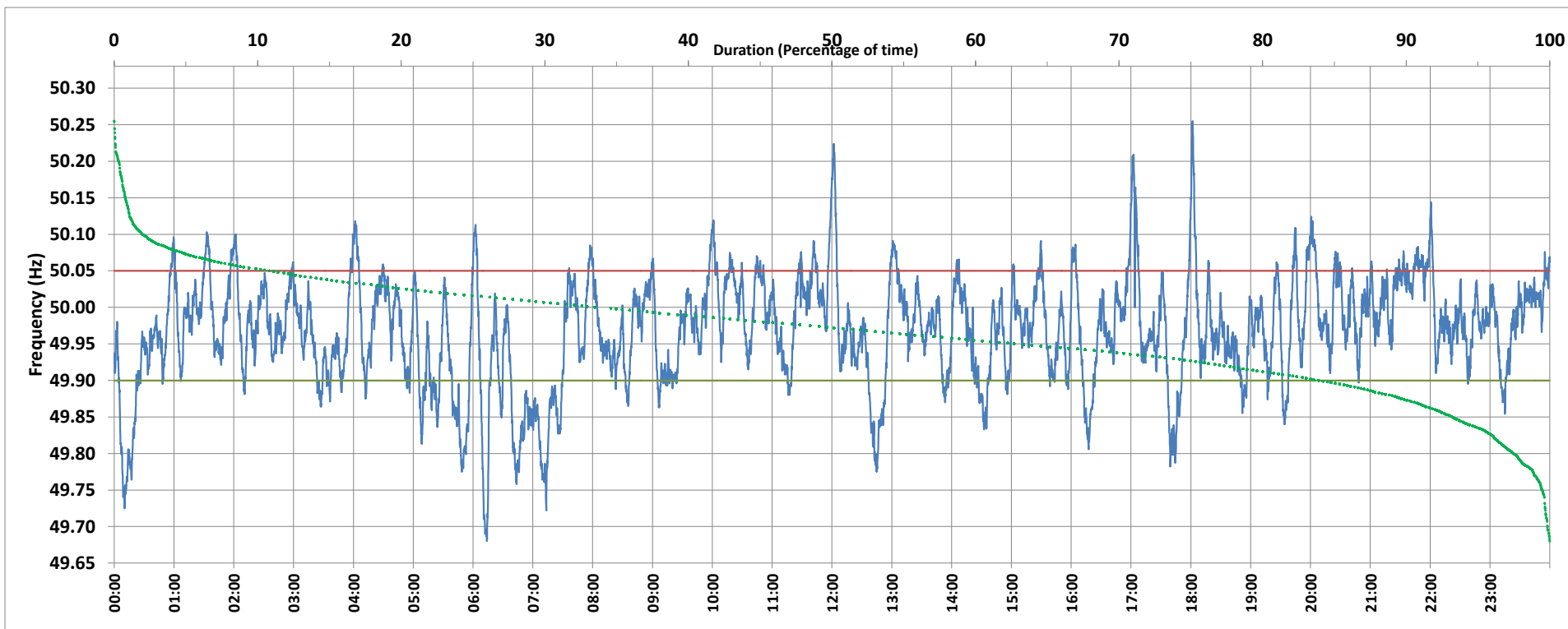


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-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
0.16	15.80	48.04	2.31	13.32	49.62	32.53	1.72	73.40	99.51	33.63	9.16	33.46	18.32	10.80	0.32	36.66	52.55	20.86

Average Frequency : 49.968	Frequency Variation Index : 0.0641	Standard Deviation : 0.0733	Mileage: 50.1	FDI: 26.6
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Instantaneous Frequency		
Max	50.255	18:01:40
Min	49.680	6:13:50

15 minute Average Frequency		
Max	50.060	22:00:00
Min	49.810	7:15:00

No. of excursions	
above 50.03 Hz	96
below 49.97 Hz	132
above 50.00 Hz	84
below 50.00 Hz	83

Average time freq per excursion remains	
below 49.97	0:05:14
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	6:23:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)