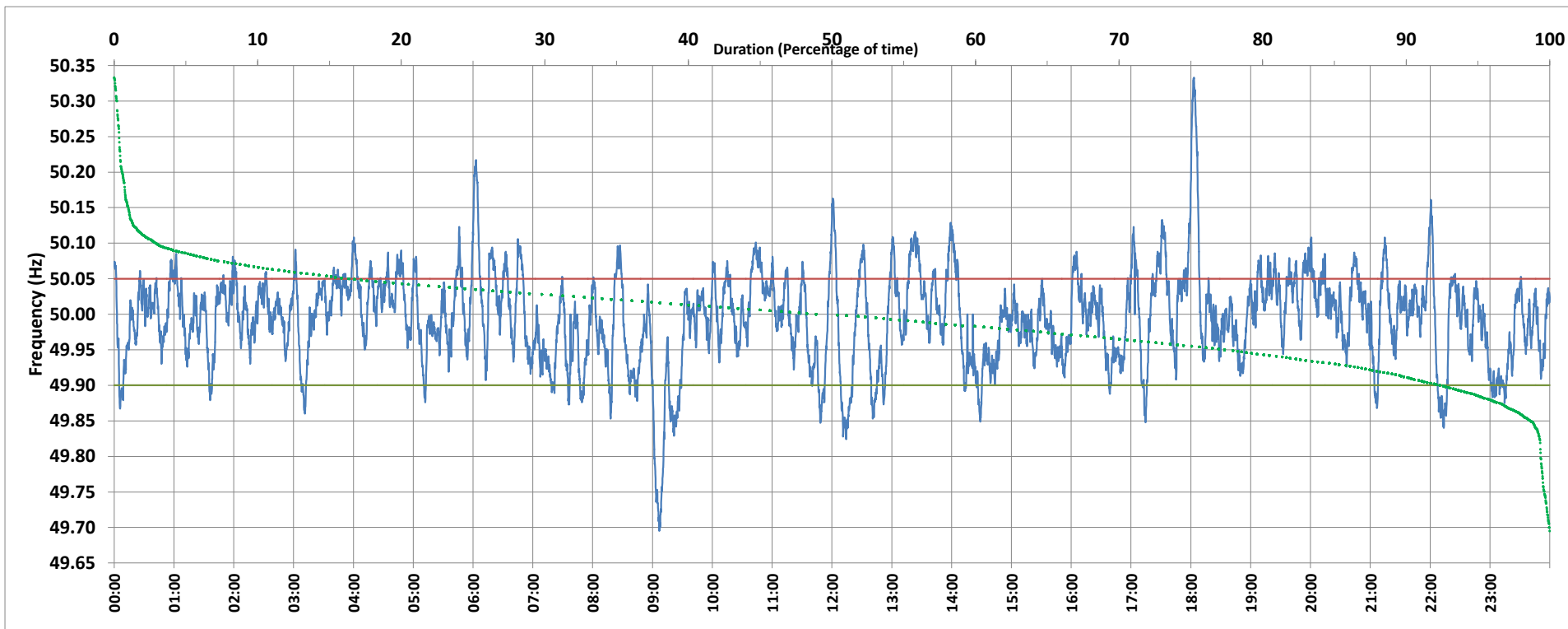


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Feb-2020 (Friday)



<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
0.01	7.42	32.20	0.63	6.78	42.22	47.38	2.41	76.23	99.42	39.55	13.83	48.90	28.25	16.35	0.57	22.08	61.56	14.66

Average Frequency : 49.994	Frequency Variation Index : 0.0426	Standard Deviation : 0.0650	Mileage: 49.9	FDI: 23.8
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Instantaneous Frequency		
Max	50.333	18:03:00
Min	49.695	9:06:50

15 minute Average Frequency		
Max	50.126	18:15:00
Min	49.799	9:15:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	113
above 50.00 Hz	126
below 50.00 Hz	113

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	5:42:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)